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किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद
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वार्षिक प्रतिवेदन
2012-13

केन्द्रीय उपोष्ण बागवानी संस्थान
CENTRAL INSTITUTE FOR SUBTROPICAL HORTICULTURE

केन्द्रीय उपोष्ण बागवानी संस्थान
रहमानखेड़ा, लखनऊ, उत्तर प्रदेश

भाकृअनुप
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केन्द्रीय उपोष्ण बागवानी संस्थान
रहमानखेड़ा, लखनऊ-226 101 (उ.प्र.), भारत

उचित उद्धरण
सी.आई.एस.एच. वार्षिक प्रतिवेदन 2012–2013
लखनऊ, भारत

प्रकाशक
डॉ. एच. रविशंकर
निदेशक
केन्द्रीय उपोष्ण बागवानी संस्थान (भाकृअनुप)
रहमानखेड़ा, लखनऊ–226 101 (उ.प्र.), भारत

संकलन, अनुवाद एवं संपादन
अजय वर्मा, बी.के. पांडे, अंजू बाजपेई, केसव कुमार एच., गुंडप्पा, प्रीति शर्मा, संजय कुमार एवं धीरज शर्मा

अस्वीकरण : केन्द्रीय उपोष्ण बागवानी संस्थान, लखनऊ में किये गये अनुसंधान एवं दस्तावेजी सूचना एवं तथ्यों के आधार पर सम्पादकों एवं प्रकाशकों द्वारा यह पूर्ण ध्यान रखा गया है कि इस प्रकाशन में निहित सूचनाएं सही हों। फिर भी इसमें निहित सूचना या सुझाव हर परिस्थिति के लिए लागू नहीं किये जा सकते हैं। इस दस्तावेज के आधार पर प्रोफेशनल संस्तुतियों के बिना किसी भी प्रकार का वाणिज्यीक या निवेशी कार्य नहीं करने की सलाह दी जाती है।

मुख्य पृष्ठ : बायें से दायें : वैज्ञानिक पौधशाला ; अंबिका आम ; जीर्णोद्धार ; आम में मध्यम सघन रोपण, फसल सुरक्षा रसायनों की मशीनीकरण ; जाला कीट; आम में जाला कीट का प्रकोप एवं मूल्यवर्धित उत्पाद

अंतिम पृष्ठ : प्रयोगशाला–सह–प्रशासनिक भवन एवं प्रायोगिक फार्म का विहंगम दृश्य

मुद्रण : आर्मी प्रिंटिंग प्रेस, 33 नेहरू रोड, सदर कैन्ट, लखनऊ, दूरभाष (0522) 2481164, 6565333

प्रस्तावना

उपोष्ण फल उत्तर भारत के मैदानी हिस्से के अधिकांश बागवानों की खाद्य, पोषण सुरक्षा तथा आजीविका संबंधी विकल्पों में काफी समय से सहयोग देता रहा है। इस परिदृश्य में विविध अवसर उत्पन्न होने के साथ–साथ अनेक चुनौतियाँ एवं बाधाएँ भी हैं। इस क्षेत्र में विद्यमान कृषि–जलवायुकी एवं इडेफिक कारकों ने यद्यपि बागवानी फसलों की विविधता को कम किया है किन्तु उच्च गुणवत्ता वाले उत्पादन के कारण इस उप–सेक्टर में लाभ एवं निरन्तरता बनाये रखते हुए उत्पादकों एवं उद्यमियों का उत्साह वर्धन भी किया है। उत्तराखण्ड राज्य में हाल में मौसम में हुई असमान परिवर्तनों ने बागवानी के संरक्षण, प्राकृतिक संसाधनों के सतत प्रयोग तथा संसाधनों के न्यूनतम क्षय की आवश्यकताओं की ओर ध्यान आकर्षित किया है।

केन्द्रीय उपोष्ण बागवानी संस्थान, लखनऊ, जिसकी स्थापना सन 1972 में भारतीय बागवानी अनुसंधान संस्थान के क्षेत्रीय केन्द्र के रूप में हुई थी, अब एक अंतर्राष्ट्रीय ख्याति प्राप्त पूर्ण विकसित संस्थान हो गया है। अपने तीन दशक के विकास के दौरान सी.आई.एस.एच. ने भारत के आम एवं अमरूद उत्पादकों के लिये अनेक किस्मों एवं किसानोपयोगी प्रौद्योगिकियों को विकसित किया है। संस्थान में अखिल भारतीय अनुसंधान परियोजना समन्वयन का मुख्यालय भी है जिसके कार्यक्रम देश के 18 केन्द्रों में लागू किये जा रहें हैं। संस्थान समस्याओं के समाधान के लिए शोध परियोजनाओं के पुनर्विन्यास पर बहु विषयक प्रयास के द्वारा ध्यान रखता है जिससे छोटे किसानों के मुद्दों एवं लाभ पर ध्यान दिया जा सके। 'सी.आई.एस.एच. पर्सपेक्टिव प्लान विजन 2050' में उभर रहे परिदृश्य, सहभागिता परामर्श, आर.ए.सी. टिप्पणियों, आई.सी.ए.आर. की अवधारणा तथा चर्चा में इनका मूल्यांकन किया गया है। इस अवधि के दौरान बुनियादी सुविधा, क्षमता बढ़ाने, टी.ओ.टी. प्रारूप तथा वैज्ञानिकों की संख्या बढ़ाने पर भी जोर दिया गया।

संस्थान वर्तमान समय में आम, अमरूद, बेल, आँवला, पपीता एवं कुछेक अल्पप्रयुक्त फलों पर विशेष रूप से जोर दे रहा है। संस्थान उत्पादकता बढ़ाने एवं किसानों के लाभार्थ समेकित खेती प्रणाली की दिशा में कार्य कर रहा है। साथ–ही–साथ गुड हार्टिकल्चर प्रैक्टिसेज एवं पर्यावरण सुरक्षा पर भी जोर दे रहा है। संस्थान अधिदेशित फसलों के गुणवत्ता वाले पौध सामग्री के उत्पादन के क्षेत्र में उच्च मानक स्थापित कर रहा है जो हाल के वर्षों में यह एक मुख्य उपलब्धि रही है। द्वितीयक कृषि तथा मूल्यवर्धन को भी जोर दिया गया है। मैं सभी सहयोगियों की प्रशंसा करता हूँ कि संस्थान के रहमानखेड़ा परिसर में तीन महीने से ज्यादा समय तक एक बाघिन के रहने के बावजूद उन्होंने उत्साह, धैर्य एवं आसक्ति के साथ अनुसंधान का कार्य किया। संस्थान का हम वार्षिक प्रतिवेदन 2012–13 प्रस्तुत करते हैं जिसमें निरन्तर किये जा रहे अनुसंधान कार्य की चर्चा है। संस्थान के सभी लोग, विशेषकर प्रकाशन समिति ने दस्तावेज तैयार करने में महत्वपूर्ण योगदान दिया है, अतः वे प्रशंसा के पात्र हैं। इस अवधि के दौरान माननीय सचिव, डेयर एवं महानिदेशक, भा.कृ.अनु.प., डॉ. एस. अय्यप्पन तथा उप महानिदेशक (बागवानी), डॉ. एन.के. कृष्ण कुमार द्वारा प्रोत्साहन एवं सुझाव दिये गये जिसके लिए संस्थान परिवार उनका आभारी है।

स्थान : लखनऊ

(एच. रविशंकर)
निदेशक

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1- dk;Zdkjh lkjka'k

vuqla/kku miyfC/k;ka

orZeku o"kZ dk nkjku dnh; mik".k ckxckuh lLFkku] y[kuÅ e lkbi x, vf/kn'kk] ftud vrxZr 25 vuqla/kku ifj;kstuk, pykbZ tk jgh g] ij vk/kkfjr ikp dfnu e[; fo"k;ka ¼Fkheksa½ l lcf/kr vuqèkku ifj;kstukvksa ij lfEefyr vuqla/kku i;kZIrk dk tkjh j[kkA bu ifj;kstukvksa dh vyx&vyx lLFkku e 19 ckáikf"kZr rFkk nks fon'kh fuf/k ifj;kstuk, Hkh py jgh gA bue vkuof'kd lalk/ku ic/ku ,oa Qly lèkkj] ty ,oa ik"kd rÙkoa dh mUur mi;ksx {kerk dk ekinM dk fodkl] uk'kthoh ,oa jksxksa dk li.k ic/ku] [kk| lqj{kk] rMkbZ&io ,oa mijkr li.k ic/ku] eY;o/ku ,oa vif'k"V inkFkZ ic/ku }kjk Qly mi;ksx] ckrkoj.k fo'y"k.k rFkk i.k/kkfj;ksa ik|kfxd;ksa dh gLrkUrj.k e deh dh igpku djus lcf/kr yf{kr {ks=kksa dh vrxZr ikIr dh x;h vuqla/kku miyfC/k;ksa dk l{kie iLrqfr fd;k x;k gA lLFkku }kjk fd, x, vU; fdlku mi;ksxh fØ;kdykiksa dk Hkh ble 'kkfey fd;k x;k gA

vkuoa'kd lalk/ku ic/ku

lLFkku dk QhYM thu cdZ e fo'o dh lcls cMh vke&tuun0; lxg.kbdkbZ g] ftle 745 vfHkxeu vokfIr;ksa ljf{kr j[kh x;h gA o"kZ dnkjku vke dh 26 ¼NCchl½ vokfIr;ksa ldfyr dh x;h] ftuesa vMeku lapkchl ¼24½] tkeuxj ¼xtjkr½ l ,oa ¼1½ vkj Qtkckn ¼mÙkj in'k½ l ldfyr dh x;h ,oa ¼1½ vokfIr 'kkfey gA nf{k.kh vMeku ftyksa esa tjh] xlrkikMk] exyVu] pky/kkjh] fpfM;k Vki] ikFkjkij vkjxMk] goykd }hi dxkfon uxj] fot;uxj] dkyk iBkj] vkjucj 3 ch] rFkk nf{k.kh vMeku }hi dfpfM;k Vki] ekmV gfj;V] foEcjyxt] 'kkvy [kkMh vkjcEc ¶yV lxPNe Qy mRiUu dju oky vkj cg&Hkkjrk vfHky{k.kk l ;Dr y{k.k&fof'k"V vke dh tuun0; lxghr fd, x,A QhYM thu cdZ e 31 ¼bdrhl½ vokfIr;ksa dk jki.k fd;k x;kA vke d ,dl ipkuc ¼195½ vokfIr;ksa dk Qy ijkehVjk d lc/ke eY;kdu fd;k x;kA vke e fNyd d jx dh fy, o.kZd thu d vkf.od igpku dju dh fy, ¶youkbM tho lLy"k.k pØ dk viuk;k x;kA ANS vkj CHS thuk d vuØe.k rFkk mudh 0;k[;k lbl ckr dh if"Vgb fd o fofHkUurkvksa dk n'kkuesa mi;Dr ugh gA ,d vU; thu WD, tks WD40-bHLH-myb VkIfØl'kuy dkEiyDl e vrfufgr iujkoÙk ikVhuk dh ,udkM djrk g] vuØe vkd"kZ jxhu rFkk jxghu fdLesa e vrjdjuesa mi;Dr ik, x,A vkB vke dh fdLesa ‘R’ thu dVEck vkjfo'k"kZdj dkbfVut ¼CHI½ rFkk Xydkut ¼GLU½ d }kjk ,dy rFkk cg&Hkkf.kd idkjd vkesa vyx&vyx cg&vkdkfjdh dk irk pyk ftlls budh thuh; ekdjk d :i esa mi;qfxrk dk irk pyrk gA ih lh vkj vuqeku uQ;Vkbu flFkt d cgcM ikIrg, tks fd 148 ,oa 400 bp d vudy Fk] tcfd 104 ,oa 108 bp mRiknksa dk vk'kk d vu:i *PDS* rFkk *LCYB* gr iof/kr fd;k x;kA ,FkyhuvufØ;k'khy ikFkoikyhxYVjkut ¼PG½ rFkk ACC vkfDlMst ¼ACO½ esa ioxkeh rFkk e/;orh thuksa d PCR eY;kdu dk i;ksx djd vkesa o/kh dj.k fd;k x;k ftlls thuvfHk0;fDr v/;;uk esa mudfj;y Vkbe vui;ksx gr ekx i'kLr gvkA

vkesa dh vkB fdLesa d trnL rFkk trn L-F }kjk fu:fir vuØe ,ulhchvkbZ esa ljf{kr fd, x, ftUgsa JX185672-JX185679 vkokflr l[;k inku dh x;h gA

cp DNA d rbcL thu d vuØe vfHky{k.ku lfofHkUu vofLFkfr;ksa esa fdLe yxMk vkj vYQkUlk Vkl otu vkj@;k Vkft'ku d :i esa vrjdk irk pyk gA vU; fdLesa e vkf'kd thu dh li.k ycbZ e ;qvuØe ljf{kr ik, x,A ikIr ifj.kkeksa l SNP ekdjk dh igpku gr lHkkoukvksa dk irk pyk gA

o"kZ dnkjku 10 fr;d l;ktuk ¼Økl dEchu'kuk½ dk i;ksx djd 7850 i"ix PNk ij 35823 i"ikdk ldj.k fd;k x;kA 2011&12 d nkjku fd, x, fr;d l;ktuk l ikIr dy 264 iul;ktuk dk i{k=k e ck;k x;k ftuesa l 179 vdfjr g,] gkykfd pkj fr;d l;ktuk l ikIr chtk d ikèkk l Qy ikIr ugh fd, tk ldA 2010&11 e ftu 19 fr;d l;ktuk l 350 ldj lrfr;ksa mRiUu dh x;h Fkh] mUgsa F_1 lrfr;k d eY;kdu gr [kr e jki.k fd;k x;k] ftldk y{; Qy x.koÙkk] fNyd d vkd"kZ jx] ik/k dh ÅpkbZ ¼ckukiu½ xEek jkx ifrjk/kh vtfod ifrjk/kh idn@ey oUr rFkk vfHky{k.kksa e l/kkj ykuk FkkA

925 ldj ik/kk dk Qy ijkehVjk d lc/ke eY;kdu fd;k x;kA 28 vokfIr;ksa tks e[; :i l cg&Hkk.kh; Fkh rFkk 2 ,dy Hk.kh; idkjksa dk ,uch ih th vkj d {ks=kh; dn] f=klj l ikIr fd;k x;kA cg&Hkk.kh; ik/kk] mnkgj.k d fy, *13&1*] clikdkb] pndj.k] xkok] fdpukj] d#Dd.k] eonu] uDdkj] vkyj] ihp] fQfyikbuk] LVkp] oykbdkycu dk yo.k ifrjk/k vfHky{k.kk d v/;;u gr mxk;k x;kA bu vokfIr;ksa

dh vdkfjdh rFkk 'kjhjfØ;kRed fo'k"krkvk dk Hkh vè; ;u fd;k x;kA iÙk rFkk ru d 'k"d fiM yo.krk d iHko l uDdkj ,o d#Dde e lkfM;e Dykjkb M ¼NaCl½ yo.krk d vrxr ck;kekl e vi{kdr] vU; cg&Hk.kh; i tkfr;k l de ek=kk e] deh inf'kr gbA bu nkuk gh fdLek e tM dk 'k"d fiM 2 EC dSm^{-1} ij vf/kd ek=kk e Fkk fdr mPp Lrj ij ble deh dh iofÙk n[kh x;hA bu fdLek e ifrdy ifjfLFkfr;k d vrxr idk'k l'y"kh o.kd dh ek=kk ¼1-20 mg g^{-1} FW½] fof'k"V iÙkk Hkkj ¼1-85 fe-xk- ifr l-eh-½ lkif{kd ty dh fufgr ek=kk ¼60 ifr'kr½ Hkh vU; fdLek e bud lxr ekuk ¼0-80 mg g^{-1} FW, 1.00 fe-xk- ifr l-eh- vkj 40 ifr'kr½ dh ryuk e vfèkd ik;h x;hA ,fUV&vkfDlMfVo ,tkbek] t l dVkyt ,o ij&vkfDlMt] dk Hkh vkdyu fd;k x;k ftue uDdkj e 15 ifrdy fnolk d i'pkr vU; fdLek dh ryuk e dVkyt ¼8-75&10-85 ;fuV ifr fe-xk- ikVhu½ rFkk ij&vkfDlMt ¼10-5&16-5 ;fuV ifr fe-xk- ikVhu½ dk mPp Lrj n t fd;k x;kA vf/kdk'k fdLek e f>Yyh LFkkf;Ro lpdkd ¼,e ,l vkb½ ¼94&75 ifr'kr½ rFkk Dykjkf Qy ifrnhflr e vR;f/kd deh ¼0-810&0-11 Fv/Fm½ n[kh x;hA uDdkj e f>Yyh LFkkf;Ro lpdkd ¼94&75 ifr'kr½ rFkk Dykjkf Qy ifrnhflr ¼0-750&0-810½ dk mPp eku inf'kr gvk ft l l ;g Kkr gkrk g fd ;g fdLe yo.krk d fo#) vkl r :i l vi{kdr lfg".k fdLe gA ;g n[kk x;k fd Xykb lhu fcVu dh ek=kk e vYikofèk ¼15 fnuk dh vof/k d i'pkr½ d fy, of) gb ½2401 ekbØkeky ifr xke½ rRi'pkr yo.krk e of) d lkFk gh ble /kj&/kj deh n[kh x;hA

pkng e l X;kjg vkb ,l ,l vkj ikbej] vkb ,l ,l vkj] 1] 4] 5] 6] 7] 8] 9] 10] 11] 12 dk] p;u fd;k x;kA 6 cg&Hk.kh; vokflr;k dk vfHky{k.k fu/kkj.k fd;k x;k vkj bl idkj vokflr;k e vk.kfod cg: irk dk l lfpr dju e lQyrk ikIr gbA bu foHknh ikbejk dk i;kx ,dy Hk.kh; fdLek vkj cg&Hk.kh; fdLek dh igpku dju dh {kerk dk vkdyu dju d fy, Hkh fd;k x;kA

vkDlhtu d ifr vfHkfØ;k'khy i tkfr;k d mRiknu l lc) vkfDlMfVo{kfr dk ik/kke mifLFkr ,fUV&vkfDlMVk }kjk jkdk tkrk gA bl ckr dk/;ku e j[kr g, 6 cg&Hk.kh; vokflr;k e thu&fof'k"V ih lh vkj }kjk Mh tujVj ikbejk dk i;kx d budkfMx thu ,fUV&vkfDlMV ,tkbek] t l ij&vkfDlMt ¼POX½] ,LdkcV&ij&vkfDlMt ¼APOX½ rFkk XyVkFkk;ku&,l&VklQjt ¼th ,l Vh½ dh mifLFkfr dh tkp dh x;hA ij&vkfDlMt ¼POX½] ,LdkcV ij&vkfDlMt ¼APOX½ rFkk XyVkFkk;ku&,l&VklQjt ¼th ,l Vh½ thuk d fodflr ikbej l Øe'k% 700] 650 vkj 400 bp rFkk 1 kb vkj 380 bp vkf.od Hkkj d ,fEiydku ik, x, ft l l ,LdkcV&ij&vkfDlMt ¼APOX½ rFkk XyVkFkk;ku&,l&VklQjt ¼th ,l Vh½ thuk e nk ,fyyk dh mifLFkfr dk irk pyrk gA bl i;kx l v/;;u dh x;h fdLek e bu thuk dh mifLFkfr lfuf'pr gkrh g rFkkfi] bud lc/k e vkx vkj tkp fd, tku dh vko';drk gA

ve:n d fofHkUu y{k.k fof'k"V tuun0;k dk ikIr dju d fy, fQjk tkckn] cnk;] Q:[kkckn] fcBj] dkuij] Qrgij] dk'kkch d{k=kk e lo{k.k dk;] fd;k x;kA bl nkjku ve:n dh 7 vokflr;k lxghr dh x;h vFkkr 6 vokflr;k jk;ij ¼NÙkh lx<½ l rFkk 1 vokflr dk'kkch ¼mÙkj in'k½ l ,df=kr dh x;hA lxghr dh x;h vokflr;k dk QhYM thu cd e jki.k d fy, iof/kr fd;k x;kA QhYM thu cd e 6 flfM;e i tkfr;k lfgr 137 vokflr;k dk vujf{kr fd;k x;k gA bl vof/k d nkjku QhYM thu cd e vujf{kr fd, tku d fy, fpÙkhnkj] /kkjoky] fxuh t] gfj>k] l dj&*1*] dkfgj tke] ukfl d] ikfryk] vkj&*2&30*] vkj&*2&31*] jM ¶y'k] jM ¶y'k *3@6*] lxe] LeFkxhu] fLi;j ,flM rFkk Vh&*42@2* i tkfr;k dk iu jki.k fd;k x;kA 20 vokflr;k dk Øe'k% fofo/k i tkfr;k d chp mdBk jkx&jkèkh l dj idn@ey oÙr ij iof/kr fd;k x;kA lfn;k dh Q ly d fy, 22 vokflr;k d Qy vfHky{k.k dk eY;kdu fd;k x;kA xnk ¼iYi½ rFkk vkj Vh ,l i; inkFkk dk r;kj dju d fy, ve:n dh pkj vkokflr;k dk eY;kdu fd;k x;kA

xykch xn rFkk fNydk l ;Dr fdLek dk fodflr dju d fy, thuk d bVkx'ku dk i;kl l dj.k }kjk fd;k x;k rFkk eY;kdu gr ikèk mxk, x,A bl vof/k d nkjku QhYM e dy 722 l dj ik/kk dk jki.k fd;k x;kA 150 l dj fdLek dk vfHky{k.k fu/kkj.k fd;k x;kA ^^yfyr** vkj ^^iiy ve:n** l l dj d QyLo:i ikIr vf/kdk'k ve:nk e xykch jx d xn l ;Dr Qy ikIr g,A cht dh dBkjrk dk Kkr dju d fy, lrfr;k dk iFkDdj.k fd;k x;k rFkk 151 l dj ve:n d iMk e l 4 l dj iMk l ikIr ve:n d cht k e dBkjrk dk Lrj 6-11&8-87 fdyk xke ifr ox l-eh- ik;k x;kA

ve:n dk mdBk jkx ifrjk/kh cuku dh fn'kk e torduhdh dk i;kx fd;k tk jgk gA bu&foVk ifØ;k }kjk lof/kr ve:n d l{e ijkgk dk igy thu xu dh enn l VxLru d.kk ¼0-5 ekbØk ehVj½ l ?kko fn;k x;k g] mld

ckn bu Årdk dk ,xkcDVhfj;e V;ehQf'k,U l LVu LBA 4404, ft le ,UMkdkbVhul thu rFkk npt-II thu Fk l 45 feuV rd lØfer fd;k x;kA rRi'pkr Årdk dk ,xkcDVhfj;e d lkFk ,e-,l-ek/;e e 100 ekbØk eky ,lfVfljkUtkue 72 ?kV dfy, v/kjokrkoj.k e lg lofèkr fd;k x;kA 72 ?kV d ckn lØfer Årdk dk 500 fe-xk-@yh Vj lknrk oky ,UVhck;kfVd ?kky l mipkfjr djd ^p;u ekè;e*¼,e-,l$200 fe-xk-@yh dukekbflu½ e yxk;k x;kA ftu ijkgk e thu LFkkukUrfjr gvk o p;u ek/;e e of) djr jg rFkk 'k"k ejx;A 12 llrkg rd p;u ek/;e e ijkgk e of) gkrh jgh ,o tM fodflr gvkA ,l p;fur ikèkk dh ifRr;k l Mh-,u-,- fudky dj vkf.od fo'y"k.k fd;k x;k ftl l irkpyk fd bu ik/kk d thuke e ,.Mkdkbvhut thu lefdr g;h gA

iihr dh fdLe il k Myhfl;l dk fjx LikV okbjl d fy, ifrjk/kh cuku dh fn'kk e iihr d 1000 Hk.kh; ;Xek e VdVM dkV ikVhu ,o g;jfiu yi&dkV ikVhu thuk dk ,xkcDVhfj;e dh enn l lif"kr fd;k x;kA VdVM dkV ikVhu thu }kjk 180 ,o g;jfiu&dkV ikVhu thu l 180 Hk.kk dk ik/kk e :ikUrj.k gvkA ;g :ikUrj.k rc gvk tc Hk.kk dk 45 fe-xk-@yh- ikyh bFkkbyhu Xykbdky e ifjiDo fd;k x;kA bu lØfer ik/kk e tMkRiknu djk;k x;kA dy 8 ik/kk g;jfiu dlV l ,o 6 ik/k dkV ikVhu thu :ikrj.k }kjk r;kjfd;k x;A

yhph d 20 fdLek dk 6 cg: ih ekbØk lVykbV ¼SSR rFkk ISSR½ ekdjk l ekbØk lVykbV vk/kkfjr ckjdkMk d mRiknu d fy, i;kx e yk;k x;kA ft l l bu fdLek dh vkf.od igpku dh tk ldrh gA

e/; in'k d fofHkUu Hkkxk l ,d=k fd, x, vkoyk dh 22 vokflr;k dk eY;kdu fd;k x;k vkj mUgsa ikp okf.kfT;d fdLek vFkkr *NA-6, NA-7, NA-10,* d".kk vkj dpu d lkFk i{k=k e jkik x;kA e/; in'k d dVuh] flouh] cry vkj tcyijftyk e cM Qy vkdkj] vf/kd mRiknu] vf/kd rFkk fu;fer Qyu d lkFk Qy e ,Ldkfcd ,flM rFkk ikfyfQuky dh mPp ek=kk l ;Dr x.kk d cht ik/kk dh igpku dju d fy, ,d lo{k.k fd;k x;kA bld ifj.kkeLo:i lo{k.k LFkyk ij dy 16 fdLek dh igpku gbA lfUudV Qy d ueuk l ik"k.k lc/kh rRok dk fo'y"k.k fd;k x;kA QhYM thu cd e eY;kdu d fy, cy dh Dyuh; nf"V l cgxf.kr 36 vokflr;k dk Hkh jki.k fd;k x;kA

Qly mRiknu

n'kgjh vke d Qynkj ckxk e NPK+Zn+Cu+B d mi;kx l 5-95 Vu ifr gDV;j ¼vuipkfjr½ dh ryuk e lokfèkd Qy mRiknu ¼12-13 Vu ifr gDV;j½ ik;k x;k rFkk Qyk e Vh ,l ,l 20-9º fcDl FkkA 10 fd-xk- FYM $ 100] 50] 100 xke N, P, K ifr iM vQfyr ckx ifr iM ifr o"k vk;;$,tkVkcDVj$ PSM + VkbdkMek gft;kue$ tfod iyokj dk i;kx e yku l vR;f/kd ek=kk e tfod dkcu dh miyC;krk ,o miyC;k N, P vkj K dh ek=kk ik;h x;hA b ldh vi{kk 10 fd-xk- FYM $ 50 xk- N + 25 xk P + 50 xk K ifr iM ifr o"k $,tkVkcDVj$ PSM + VkbdkMek gft;kue$ tfod iyokj dk i;kx e yku l lokf/kd MhgkbMkftut ¼4-93 ekbØk xk Vh ih ,Q ifr xk ifr ?kVk½ vkj ¶yvkjflu Mkb,flVV ¼602 fe-xk- ¶yvkjflu ifr fd-xk- ifr ?kVk½ dh xfrfof/k inf'kr gbA

e[; :i l n'kgjh e dkf;d fodkl ¼80 ifr'kr½ dh vof/kekp d eghu e n[kh x;h] tkfiNy o"k tu d eghu e ipjrk l n[kh x;h FkhA tuojh d eghu e vf/kd ikyk iMu d dkj.k ik/k dh ifÙk;k rFkk i"i dfydkvk lfgr 'kh"kLFk Hkkxk dk{kfr igph ft l d ifj.kkeLo:i foyfcr i"iu gvkA yxMk e vke dh tMk e xj&ljpukRed dkckgkbMV v'k ¼dy 'kdjk] LVkp rFkk vipk;h 'kdjk½ dk Lrj ^^vku** o"k ¼3483-00 ekbØk xk- ifr xk- DW½ dh ryuk e ^^vkQ** o"k d nkjku ¼4660-50 ekbØk xk- ifr xk- DW½ vf/kd Fkk] tcfd] vkeikyh e Qly d fofHkUu o"kk d nkjku ,l dkb fo'k"k vrj ugh ik;k x;kA

n'kgjh] pkl k rFkk yxMk e iDyC;Vk tky d nh?kkofèkd i;kx l Qy Hkkj d vk/kkj ij i"iu e of) n[kh x;hA gkykfd feêh e ,d ych vof/k rd vo'k"k cuk jgrk g D;kfd iR;d i tkfr ,d Fk'kgkYM eku inf'kr djrk g ft l d Åij iDyC;Vk tky ik/k e i"iu dk fo'k"k :i e c<ku e l{ke ugh gkrkA yxMk] pkl k] n'kgjh] cxuikyh] uhye] vyQkl k] oujk t] efYydk vkj vkeikyh dh v/kj dk vudfyr ifÙk;k e Dykjkfjfy ifrnhfl r ¼Fv/Fm½] PS II vkj byDVku ifjogu nj i"i dfydkvk d fudVfLFkfr ifÙk;k e dkf;d mikrk d fudV fLFkfr ifÙk;k dh ryuk e de ik;h x;hA fu;fer ¼vkeikyh] uhye] cxykj] efYydk½ rFkk f}okf"kd vk/kkj ij Qy nu oky i tkfr;k e tl pkl k] n'kgjh] yxMk] vyQkl k e RUBP dkckfDlyt fØ;k;i i"i dfydk foHknu d le; vf/kdre ¼5.0&10.8 ekbØk eky RUBP ifr fe-xk- ifr ehVj½ ik;h x;hA

cg&Hk.kh; fdLek] uDdkj rFkk 13&1 yo.krk ifrcy d ifr lgu'khyrk eEcuLVfcfyVh ¼,e ,l vkb½ rFkk PS-II Lrj vfèkdre ik;k x;kA fofHkUu yo.krk Lrjk e uDdkj dh Dykjkfdty ifrnhflr ¼0.780 eh- xke ifr xke½ d mPp eku l bldh yo.krk lgu'khyrk lfpr gkrh gA lHkh cg&Hk.kh; fdLek e uDdkj u vf/kdre fof'k"V iÙkk Hkkj ¼1-85 fe-xk- ifr ox l-eh-½ rFkk lkif{kd ty ek=kk ¼60 ifr'kr½ dk inf'kr fd;kA

ve:n dh 'ork i tkfr e 10 fd-xk- xkcj dh [kkn $ jklk;fud mojd (N, P, K) $,tkVkcDVj $ PSM + Vkbdkek gft;kue $ dkcfud iyokj l lefdr ik"k.k ic/ku }kjk ifr iM 48-87 fd-xk- dk vf/kdre Qy mRiknu nt fd;kx;kA Zn, B, Mn vkj Cu dk iÙkk ij i;kx dju rFkk enk e jklk;fud [kkn d i;kx l Qyk e ,Ldkfcd ,flM dh vf/kdre ek tnxh ¼285-6 fe-xk- ifr 100 xke½ n[kh x;hA N, P, K dh vk/kh iek=k dk ,tkVkcDVj $ PSM + Vkbdkek gft;kue $ tfod iyokj d lkFk i;kx e yk, tku ij l{e thokf.od tho l[;k lCIVV ifjr'olu rFkk ¶yvkjlhu Mkb,flVV xfrfof/k vf/kdre ik;h x;hA

ikjfHkd i;kxk }kjk vke d cxhpk e gYnh rFkk vky ¼,ekQkQyl dEiuyVl½ vrjorh Qly d :i e mxku d ldr feyA

Qly lij{k.k

xft;k ¼feyhcx½ dk iknHkko loiFke tuojh d iFke llrkg ¼rkieku 2-0&14-1º lfYl;l ,o lkif{kd vknrk 78&93 %½ e DyjkMUMe bUQkpuVe ijn[kk x;k rRi'pkr Qtkckn e tuojh d vUr ¼rkieku 3-1&22-5º lfYl;l o lkif{kd vknrk 58&90 %½ e bl dhV dk iknHkko vke ijn[kk x;kA vke d cxhpk e ijo"k 'kYdh dhVk dh vud i tkfr;k ik;h x;hA vxLr l uocj d nkjku u, ik/kk ij i.k ljxd ¼yhQ ekbuj½ dk u, flj l iknHkko n[kk x;kA uko ekud llrkg ij Hkuxk@Qndk rFkk fFki dh tho l[;k dk mRiUu gkuk 'k: gk x;k rFkk ifr i"ixPN vkj ifr iÙkk mudh vklr l[;k Øe'kh 0-10&2-42 rFkk 0-03&1-52 ik;h x;hA vke rFkk ve:n d cxhpk e Qy efD[k;k dh vf/kdre l[;k Øe'kh 340 o vkj 360 o ekud llrkg e ifrVi ifr llrkg Øe'kh 263 vkj 242 o;Ld l[;k d :i e nt dh x;hA Hkuxk rFkk Qy eD[kh dh mifLFkfr ldkjkRed :i l Øe'kh /kif[ky jgu dh vof/k (0-416) rFkk U;ure rkieku (0-72) l lg&lcf/kr FkhA ckjkcdh] lhrkij vkj Qtkckn e cxhpk e 'kV xky lkbyk rho xLrrk vkdh x;hA eb d nlj llrkg d nkjku Qyo/kd dh xLrrk e/;e ¼tho l[;k 2-21 ifr iM½ nt dh x;hA bl yEMk lkbgykfFku ¼1 fe-yh- ifr yhVj½ dk fNMdko djd 2&3 fnuk d Hkhrj iHkkoh :i e fu;fU=kr dj fy;kx;kA

tuojh 2013 d nkjku vR;f/kd BM ¼U;ure rkieku &0-7º lfYl;l] vklr 3-1&22-5] lkif{kd vknrk 58&90 ifr'kr½ d dkj.k y[kuÅ fty e vud iM iky l iHkkfor g,A

mÙkj in'k rFkk mÙkjk[kM e vke dk mdBk jkx l xflr gkuk ,d mHkjrh gbl leL;k g tk fQygky 0-08 ifr'kr gA bld dkjd tho d :i e ckfV;kfMlykfM;k fFk;kckekb dh igpku dh x;hgA 'kkYMjckmfux dh leL;k tykb d rhlj llrkg d nkjku vkjHk gb ¼10 ifr'kr½ rFkk tykb d vfre llrkg e blu xHkhj :i ¼95&100 ifr'kr½ /kkj.k dj fy;kA vkjfHkd jkx dh ?kVuk dk 80&100 feh o"kk oky 8 fnuk] ftud nkjku lkif{kd vknrk 80 ifr'kr rFkk vfèkdre rkieku 30&35º lfYl;l cuh jgh] l lg&lcf/kr dh tk ldrh gA bldk cpko vke ikyh i tkfr e cfxx vkj rMkb i'pkr Hkkjrh; ry Qkey'ku Li ½2 ifr'kr½] Fkk;kQuV feFkkby ¼0-1 ifr'kr½] MkbeFkk,V ¼0-06 ifr'kr½ $ ccy dk xkn ¼0-3 ifr'kr½ vkj LVkp ½2 ifr'kr½ d fNMdko }kjk iHkkoh :i e jkd yxkb tk ldh gA ,UFkkDukt rFkk e tjh'kh.krk ¼Cykle CykbV½ jkxk ij fu;=k.k d fy, dkcuMkfte ¼12 ifr'kr½ $ edktc ¼63 ifr'kr½ dk 0-2 ifr'kr ?kkyh dh nj l fNMdko vR;fèkd iHkkoh ik;k x;k ftld ckn Øe'kh dkcuMkfte ¼0-1 ifr'kr½] Vkblkbdyktku ¼0-1 ifr'kr½] Fkk;kQuV feFkkby ¼0-1 ifr'kr½ vkj edktc ¼0-2 ifr'kr½ iHkkoh ik;x;A Qyk dh rMkb dju d mijkr Fkk;kQuV feFkkby vkj Å".k ty d lkFk mipkj ,UFkkDukt ij jkd yxku dk lokÙke mik; ik;kx;kA

dkyVkVkbde fXyvkLikjkbfMl d 10 vkblkyVk dh loèkukRed rFkk vkdkfjdh fofo/krk dk v/;;u fd;kx;k rFkk ,d ;ih th ,e ,vk/kkfjr ;fDyfM;u njh l ;g irk pyrk gfd ;vkblkyVk nk legke 0;ofLFkr gA ¶;tfj;e vkfD lLikje vkblkyVk dk Hkh lkoHkkfed ikbej lV ¼yxHkx 750 bp io/ku vkdkj½ l ;Dr Vkly'ku bykx'ku QDVj 1a thu ¼TEF-1a½ d vkj ,Q ,y ih dk i;kx djd vfHky{k.k fu/kkj.k fd;kx;kA fofHkUu df"k&ikfjfLFkfrdh {k=kk l 21 vkblkyVk d Hkh 4 vkj ,Q ,y ih idkj d iVu Kkr fd, x,A vkj ,Q ,y ih Vhb ,Q&1a thu d leku gh fofHkUu

df"k&ikfjfLFkfrdh {k=k l 21 vkblkyVk d Hkh 4 vkj ,Q ,y ih idkj d iVu Kkr fd, x,A bu ekuk dk o/kh dj.k dju dfy, pkj jkxtudk] vFkkr Qki&10 ¼DyM I½] Qki&44 ¼DyM II½] Qki&14 ¼DyM III½ vkj Qki&125 ¼DyM IV½ p;fur fd;s x,A

fLVujuek Li-¼CISH EPN SG-1 LVu½ dh mPp lpkj.k ?kuRo ¼500 IJ/dhV½ rhlj bULVkj Qy eD[kh e 50 ifr'kr eR; nj ikIr dju e l{ke ik;k x;kA

rMkb mijkr ic/ku

dnh; mik".k ckxokuh lLFkku }kjk vk'kkf/kr vke Qy rkMd ;U=k dk i;kx dj rMkb mijkr Qy dh gkfu e 2 ifr'kr dh deh dh tk ldh gA fodflr fd, x, fuEu ykxr d QkYMcy jkbifux pEcj d Hkhrj bFkQku vkj lkfM;e gkbMkvkDlkbM d feJ.k dk i;kx dj Qyk dk idku dh ,d ljy fof/k fodflr dh x;hA lfyflfyd ,flM dk 50 ih ih ,e dh nj l i;kx ,UFkDuk t ¼dkyVkVkbde fXyvkLikjkbfM½ ij iHkkoh :i e fu;=k.k dju rFkk Qyk dh foi.ku.kh;rk e of) dju e mi;kxh ik;k x;kA ,l-ljfolh d i;kx l n'kgjh Qyk dh 'kYQ ykbQ e of) dh tk ldhg vkj mue 10 fnuk rd HkMkj.k d ckn mPp ek=kk e dBkjrk rFkk djkfVukbM dh fufgr dy ek=kk e de deh ik;h x;hA lLrfjr ,yfefu;e Qkby d ikmpk e j[k x, dPp vke l fufer bUlVV iUuk ikmMj dh x.koÙkk rFkk Ldkj ¼8-2½ mPp Lrj ij cuk jgk rFkk ;gn[kk x;k fd dkxt d ikmpk e j[k x, ikmMj dh ryuk e pkj eghu d HkMkj.k d i'pkr bldk vkxukyflVdy eku vf/kd g vFkkr ble vfèkd Lokn cuk gvk gA lLrfjr ,yfefu;e d ikmpk$ukbVk tu dh mifLFkfr e id fd, x, vkLek&ok; 'kf"dr vke d dV g, Lykblk dk vkxukyflVd eku ¼Ldkj 8-2½ ikfyikfiyhu e id fd, x, vke d VdMk dh ryuk e HkMkj.k d pkj eghu d ckn vfèkd ik;k x;kA U;ure lkf/kr vke d VdMk dk nk io mipkjk vFkkr vk tku e nk feuV rd j[ku vkj ,d feuV rd ijkcxuh fofdj.k d iHkko e j[ku ij dVky ¼vuipkfjr½ dh ryuk e ijkcxuh fofdj.k l mipkfjr Qyk e thok.kvk dh mifLFkfr de ik;h x;hA cxykjk] pkl] yxMk vkj n'kgjh l r;kj fd, x, dPp vke d lkbMj d lonh eY;kdu l ;g Kkr gvk fd cxykjk l r;kj fd, x, elky;Dr lkbMj e 9 eghuk rd HkMkj.k d i'pkr mPp lonh Lohdk;rk ¼Ldkj 8-16½ gft ld ckn blh vke d lkn lkbMj ¼Ldkj 7-58½ dh Lohdk;rk ik;h x;hA ldjkekbfl l ljfolh dk i;kx djd id g, Qyk l 4 ifr'kr ,Ydkgky;Dr vke dk lkbMj r;kj fd;k x;kA ih lh vkj dk i;kx djd ,Lifjty lukbtj l ifDVut rFkk lY;yt d le lHkkfor :i ¼vkblkQke½ dh igpku dh x;hA yhph d lM g, xn l ikIr fd, x, ;hLV dh igpku okR;k fo'y"k.k d vk/kkj ij fo[kMu ;hLV 'kkbtk ldjkekbfl l ikEc d :i e dh x;hA vke dh xByh l ry d fu"d"k.k gr ikVkdky dk ekudh dj.k fd;k x;kA vke dh xByh rFkk foyk;d dk 1¼10 d vuikr e i;kx djd 90 feuV d fu"d"k.k le; d nkjku 1 feeh vkeki ij vfèkdre ry mRiknu 10-8 ifr'kr Kkr fd;k x;kA vke d fNyd rFkk xByh l 2-7 vkj 0-5 ifr'kr okLrfod ikVhu] 0-9 vkj 1-2 fe-xk- ifr 100 fe-yh- djkfVukbM l ;Dr eRL; p.k ijd vkgkj r;kj fd;k x;kA vke d lcèk e rMkb l io Fkk;eFkk Dle rFkk MkbeFkk,V d fy, 0-5 fe-xk- ifr fdyk xke d ,e vkj ,y eku d vk/kkj ij Fkk;keFkk Dle d lc/k e 0-2 vkj 0-4 xke ifr yhVj d fNMdko d ckn Øe'kk 7 vkj 11 fnuk dk vrjky cuk, j[ku dk l>ko fn;k x;k rFkk MkbeFkk,V d lc/k e 0-06 vkj 0-12 ifr'kr fNMdko d ckn Øe'kk 6 vkj 7 fnuk dk vrjky cuk, j[ku dk l>ko fn;k x;kA iDyk©;Vk tky d folj.k dh nj fu/kkfjr dh x;h ft ll ;g Kkr gvk fd n'kgjh vke d iMk d vklikl dh enk iFke dkfV dh xfrdh dk vulj.k djrh gA ,dy rFkk nkgjh iek=kkvk d lc/k e vof'k"V vèk&vk; eku dk ifjdyu Øe'kk 42 vkj 43 fnu fd;k x;kA Qy fodflr gku dh li.k vofèk d nkjku yfyr e 'ork dh ryuk e ifDVu dh dy fufgr ek=kk vf/kd ik;h x;hA 200 G LDPE ¼0-25 ifr'kr okfrr½ e id fd, x, bykgkckn lQnk Qyk ¼50 ih ih ,e dh nj l lfyflfyd ,flM l mipkfjr½ e fuEu lh ih ,y MCY; ik;h x;h rFkk 'khrkxkjk e j[k tku ij mudh 'kYQ ykbQ e of) n[kh x;hA bld lkFk gh] ,l vke e ifr'kr mPp dBkjrk rFkk de ek=k e ,Ldkfcd ,flM dh mifLFkfr ik;h x;hA MefLVd dh ifÙk;k d tyh; lRo dk i;kx djd 56 ekbØkxke ifr 100 fe-yh- rd djkfVukbM l le) fd, x, ve:n vkj Vh ,l dk vkxukyflVd nf"V l Lohdk; ik;k x;kA lh vkb ,l ,p B-I vkj B-II d id g, rFkk dPp nkuk idkj d cy Qyk e Qy dh rMkb dh vof/k c<u d lkFk gh dy ifDVu] ty fu"df"kr v'k ikVkifDVu l ,d of) 'khy iVu inf'kr gvk rFkk {kkj fu"df"kr v'ku ,d gk leku iVu dk inf'kr gvkA rhu eghuk rd HkMkj.k e j[ku d ckn 10 ifr'kr vkoyk l lifjr cy lkbMj vkxukyflVd nf"V l lokÙke ik;k x;kA vkoyk&cy fefJr gcy pk; dh ,d Lohdk; x.koÙkk fodflr dh x;hA [khj d yfDVd ,flM dh lgk;rk l fd.ohdj.k }kjk ,d ikck;kfVd i; inkFk

r;kj fd;k x;k ftl 'khfrr n'kkvk e x.koÙkk e dkbZ deh yk, fcuk pkj llrkg rd HkMkj e j[kk tk ldrk gA

ckt kj fo'ys"k.k ,oa fu;kr

o"k 2006 l 2012 dh vof/k dh ryuk e 2012 d nkjku lokfèkd ek=kk e vke y[kuÅ l ckgj Hk tk x;k ft ldh ek=kk 82-18 g tkj ehfVd Vu FkhA tcfd o"k 2012 d nkjku mÙkj in'k jkT; l ckgj d byk dk d ck tkjk e 63-54 ifr'kr vke d Qyk dk 0;kikj fd;k x;k] ogh 'k"k Qyk dk jkT; d Hkhrj gh cpk x;kA o"k 2012 d nkjku Hkh fnYyh vke d Qyk dk ,d cMk ck tkj cuk jgk rFkk dy Hk t x, vkek dh 26-20 ifr'kr ek=k dh fnYyh d ck tkjk e [kir gbA egkjk"V vkj i tkc vU; egÙoi.k ck tkjk d :i e lkeu vk,A dN ek=kk e vke dk e[; :i l uiky] l mnh vjc vkj dor e y[kuÅ l h/k fu;kr Hkh fd;k x;kA o"k d nkjku y[kuÅ d ck tkjk e dy 80-73 g tkj ehfVd Vu vke dh vkod gb ft le l vdy tu 2012 d nkjku 74-00 ifr'kr ek=kk y[kuÅ d ck tkjk e igph] ft ld ckn ty kb 2012 e ck tkj e igp vkek dk ifr'kr 21-43 ifr'kr jgkA ;g ,d jkpd rF; g fd y[kuÅ d ck tkjk e vke dh vkod flrcj vkj vDrcj eghuk e Hkh tkjh jghA 2012 d nkjku vke dk Hkkfjr vk l r eY; 1164 #i, ifr fDoVy Kkr fd;k x;kA n'k d l Hkh ck tkjk e n'kgjh] yxMk] pk l k] cxui Yyh] rkrkijh vkj vYQk l k vkek dk dy 0;kikj Øe'k% 296-52] 198-60] 129-11] 283-31] 168-81 vkj 199-85 g tkj ehfVd Vu jgkA vdy fnYyh u n'k d l Hkh ck tkjk e 0;kikfjr dy vkek dh 50 ifr'kr l Hkh vfèkd ek=kk dk 0;kikj fd;k x;kA v/;;uk l ;g Kkr gvk fd xxVkd vkj pUub e mÙkj Hkkjrh; fdLe k dk 0;kikj fd;k tk ldrk g D;kfd bu fdLe k dk vU; ck tkjk dh ryuk e bue ,d fof'k"V eY; ykHk g rFkk ftu eY;k ij bl cpk tkuk g] mle ifjogu ykxr vkj lkFk gh <ykb d nkjku gb gkfu nkuk dh ifr dh tk ldrh gA

Hkkjr l 2011&12 d nkjku 63-44 g tkj ehfVd Vu vke dk fu;kr fd;k x;k tcfd bl io d o"k d nkjku 59-22 g tkj ehfVd Vu vke dk fu;kr fd;k x;k FkkA ft l l bld fu;kr e 7-1 ifr'kr dh ekeyh of) dk irk pyrk gA rFkkfi] ;g ek=kk vHkh Hkh 2008&09 d nkjku fd, x, l cl vf/k 83-70 g tkj ehfVd Vu d fu;kr dh ryuk e de FkkA n ljh vkj] eY; d lnHk e fu;kr 209-74 djkM #i, dk gvk tk vc rd dk l cl Åpk eY; gA ,d ckj fQj l ckXykn'k Hkkjrh; vkek dk l cl cMk vk;krd n'k cudj mHkjk ft lu Hkkjr l fu;kr dh x;h dy ek=kk dk 43-5 ifr'kr vkek dk viu n'k e vk;kr fd;kA ;ukbVM fdxMe e vke d dy fu;kr dh 7-8 ifr'kr ek=kk Hk th x;hA vke d xn d fu;kr e 2009&10 d ckn l yxkrkj fxjkoV dk #[k cuk gvk gA 2009&10 d nkjku b l dh ek=kk lokf/kd 186-20 g tkj ehfVd Vu d Lrj ij Fkh tk 2011&12 e 19-2 ifr'kr ?kVdj 150-5 g tkj ehfVd Vu d jg x;hA b l h idkj] vke d xn dk fu;kr eY; 744-61 djkM #i, ?kVdj 620-83 djkM #i, gk x;k tk b l h vof/k d nkjku 16-6 ifr'kr dh fxjkoV dk inf'kr djrk gA l mnh vjc Hkkjrh; vke d xn dk ie[k vk;krd n'k cuk jgk rFkk b l u 156-84 djkM #i, eY; d 45-69 g tkj ehfVd Vu ek=kk dk vk;kr fd;k tk b l dh ek=kk rFkk eY; d lnHk e dy fu;kr dk Øe'k% 30-4 vkj 25-3 ifr'kr gA uhnjyM dk LFkku vc n ljk gk x;k g rFkk b l u 92-62 djkM #i, eY; d vke d xn dk vk;kr fd;k g tk Hkkjr }kjk fd, x, dy fu;kr dk 14-9 ifr'kr gA

rk t vke rFkk b l d xn d fu;kr dh ek=kk rFkk eY; d lcèk e le; vuØe dk jf[kd] f}?kkr] ?kkrkdh; rFkk vk'kkfèkr ?kkrkdh; ekMyk }kjk #>ku fo'y"k.k d v/;/khu j[kk x;kA vk'kkf/kr f}?kkr ekMy ft lu 68-9 ifr'kr vrj dk Li"V fd;k] Hkkjr l fu;kr fd, x, rk t Qyk dh ek=kk d lc/k e lokf/kd mi;Dr ekMy fl) gvkA fu;kr d eY; d ekey e ?kkrkdh ekMy }kjk vrj d 91-5 ifr'kr dh 0;k[;k ikIr dh x;h tk lokf/kd gA

y[kuÅ d ck tkjk e o"k 2012&13 d nkjku ve:n dh dy 3-08 g tkj ehfVd Vu ek=kk igph tk fiNy 7 o"kk d nkjku dh l cl vf/kd ek=kk gA ekp 2013 e o"k d nkjku Qy dh dy vkod dh lokf/kd ek=kk 14-97 ifr'kr ck tkj e igphA o"k d nkjku Hkkfjr vk l r Fkkd eY; 543 #i, ifr fDoVy Fkk tk fiNy o"k d 685 #i, ifr fDoVy dh ryuk e de FkkA ekulu dh Qly dk eY; 500&600 #i, ifr fDoVy Fkk tcfd lfn;k dh Qly dk eY; 441 #i, ifr fDoVy l 600 #i, ifr fDoVy d chp jgkA n'k d l Hkh ck tkjk e dy 96-45 g tkj ehfVd Vu ve:n dk 0;kikj fd;k x;k ft le l gnjkckn vkj fnYyh d ck tkjk e Øe'k% 39-7 vkj 21-4 ifr'kr ve:n cp x,A gnjkckn vkj fnYyh d ck tkjk e ve:n dk Hkkfjr vk l r Fkkd eY; Øe'k% 2]442 #i, ifr fDoVy rFkk 2]775 #i, ifr fDoVy jgkA dky dk rk b l Qy dk ,d vU; egÙoi.k ck tkj jgkA y[kuÅ d ck tkjk e i ihrk dh vkod fiNy o"k d yxHkx leku cuh jgh vFkk r b l o"k Hkh b l dh 9-48 g tkj ehfVd Vu ek=kk ck tkj e igphA rFkkfi]

ckt kje Qy dh ekfld vkod e 0;kid dehc'kh n[kh x;hA tcfd eb l tu 2012 d nkjku ckt kje b ld h vkod f'kfFky cuh jgh] ogh tuojh l ekp d nkjku b ld h dkQh vf/kd ek=kk ckt kj e igphA 2012&13 d nkjku b l Qy vkl r eY; 659 #i, ifr fDoVy Fkk tk xr 6 o"kk d nkjku dk l cl vf/kd eY; FkkA vDrcj vkj uocj 2012 d nkjku i ihrk dk vf/kdre eY; nt fd;k x;k tk Øe'kh 777 #i, ifr fDoVy rFkk 700 #i, ifr fDoVy FkkA

ik|kfxdh vi rj.k

Qly l/kkj] Qly mRiknu] Qly lj{k.k rFkk rMkb mijkr ic/ku d {k=k e yf{kr vul/kku d vfrfjDr vf/knf'kr Qly ke ik|kfxdh vrj.k k l lcf/kr dne mBk, x,A lLFkku }kjk fofHkUu Fkhe vk/kkfjr dk;Øe vk;kftr fd, x, ftue 407 fdlkuk@if'k{kdk dk tkudkjh miyC/k djkb x;hA lLFkku u ckxokuh rFkk [kk| i lLdj.k fun'kZ;k] ckxokuh foHkkx] l ,p ,e] ,Vh ,e ,] tkuy ifj;kt uk fun'kZ;k] ,u , vkb ih rFkk VDukykth fe'ku }kjk ik;kftr vku&Qke if'k{k.k dk;Øek dkHkh vk;kftr fd;kA mÙkjk[kM e/; in'k] vk/k in'k] fcgkj] mÙkj in'k] djy vkj NÙkh lx< jkT;k d 1726 fdlkuk rFkk ljdkjh vf/kdkfj;k u lLFkku dk nkjk fd;kA lLFkku u Hkh fofHkUu jkT; rFkk jk"Vh; Lrj d dk;Øek e Hkkx fy;k rFkk mUur Qly mRiknu ik|kfxdh l lcf/kr tkudkfj;k d ek/;e l fdlkuk dh leL;kvk dk lek/kku fd;kA in'kuk] foKku&fdlku lokn] fdlkuk d ykHkdkjh Hke.k] i lkj dk;drk@fo|kFkh ijke'k] Mkd }kjk i'uk] fdlkuk d fy, 'k: dh x;h gYi ykbu ij fd, x, dky k] fdlku dky lUVj] if'k{k.k dk;Øek rFkk njn'ku ij okrk d ek/;e l ik|kfxd fd;k dk lHkh lcf/kr 0;fDr;k rd igpk;k x;kA

cBd

dnh; mik".k ckxckuh lLFkku] y[kuÅ dh 17oh vul èkku lykgdkj lfefr ¼vkj , lh½ dh cBd vkfM'kk df"k ,o ik|kfxdh fo'ofo|ky; d dyifr MkMh-ih-j- dh v/;{krk e 18 ,o 19 viy] 2012 dk lLFkku e vk;kftr dh x;hA

MkMh-,l- jkBkM dh v/;{krk e ipo"kh; leh{kk ny ¼D;wvkj Vh½ u 03&05 tykb] 2012 d nkjku lLFkku dk nkjk fd;k rFkk fofHkUu iHkkxk d ie[kk }kjk fd, x, dk;k dh leh{kk dhA bl ipo"kh; leh{kk ny ¼D;wvkj Vh½ d lnL;k e MkvkÅ ,e cckoy] Mk ¼ikQ l½ d d ftny] Mk d vkj dkMy] Mk , ,e xkLokeh 'kkfey FkA Mk , d feJk lnL;&lfpo FkA

dnh; mik".k ckxckuh lLFkku e vuekfnr rduhdh dk;Øek d lnHk e pky vul/kku dk;Øek rFkk lcf/kr miyfC/k;k dh leh{kk djud fy, lLFkku dh 32oh rFkk 33oh vul/kku lfefr ¼vkb vkj lh½ dh cBd lLFkku d fun'kZd Mk ,p jfo'kdj dh v/;{krk e 16&17 viy] 2012 rFkk 19&21] 26&27] 29 uocj ,o 03&04 fnlcj] 06&07 fnlcj vkj 11&14 fnlcj] 2012 d nkjku vk;kftr dh x;hA

ijLdkj rFkk lEeku

lLFkku d oKkfudk dk fofHkUu oKkfud@fodkl ,tfl;k rFkk lkl kbfV;k }kjk ijLdkj rFkk lEeku inku fd, x,A lLFkku d fun'kZd@oKkfudk u fofHkUu lfeukjk@ lxkf"B;k@lEeyuk@dk;'kkyk vk@ cBdk e v/;{k] lg&vè;{k] l;kt d] jkfV;j rFkk lnL; d :i e dk; fd;kA lLFkku dk 01 tuojh l 30 tu 2012 dh vof/k d nkjku ljdkj dh jkt Hkk"kk uhfr dk fØ;kfUor dju d fy, y[kuÅ e fLFkr dn ljdkj d 10 dk;ky;k e Hkkjr ljdkj d lokÙke lxBu d :i e lEekfur fd;k x;k rFkk 24 vxLr] 2012 dk fgnLrku oekfudh fyfeVM ¼p , ,y½ y[kuÅ e vk;kftr uxj jkt Hkk"kk dk;kUo;u lfefr ¼ujkdkl½ dh Nekgh cBd d nkjku bl lLFkku dk igyk ijLdkj inku fd;k x;kA

lLFkku dh jkt Hkk"kk if=kdk ^m|ku jf'e* dk 24 vxLr] 2012 vkj 29 tuojh] 2013 dk fgnLrku oekfudh fyfeVM ¼p , ,y½ y[kuÅ e vk;kftr uxj jkt Hkk"kk dk;kUo;u lfefr ¼ujkdkl½ dh Nekgh cBdk e nkuk ckj x.kÙkk oky idk'ku d fy, f}rh; ijLdkj inku fd;k x;kA

lid rFkk lg;kx

lLFkku }kjk Mh , lh&,u lh ih , ,p] df"k e=kky;] Mh ch Vh] Mh , l Vh] ,u ,e ih ch] ih ih oh ,M ,Q vkj ,] ; ih lh ,l Vh] ; ih lh , vkj] ,u , vkb ih] , ,e , , l] ,u vkb lh vkj ,] vkeku rFkk ; ,u b ih@th b ,Q t l fofHkUu jk"Vh; rFkk vrjk"Vh; lxBuk d lkFk le>krk Kkiu ij gLrk{kj fd, x, gA lLFkku u fo|kFkh;k }kjk d ch Vd] ,e ,l lh vkj ih,p Mh mikf/k;k l lcf/kr ikB;Øek e v/;;u dju d fy, ,feVh fo'ofo|ky;] y[kuÅ(y[kuÅ fo'ofo|ky;] y[kuÅ(Mk ckck lkgc Hkhejko vEcMdj df"k fo'ofo|ky;] y[kuÅ(bfVxy ;fuof lVh] y[kuÅ(le fgfXeu ckVe df"k ik|kfxdh ,ofoKku lLFkku] bykgkckn ¼lerY;&fo'ofo|ky;½(ljnkj oYyHk Hkkbi iVy df"k ,o ik|kfxdh

fo'ofo|ky;] ejB rFkk cny[kM fo'ofo|ky;] >kalh dk lkFk {kerk lq tu igyk dk ldj cukus dh fy, Hkh le>rk Kkiu ijgLrk{kj fd, gA

, vkbZ lh vkj ih@ih ,Q Mh lh

mik".k Qyk l lcf/kr vf[ky Hkkjrh; lefUor vuqèkku ifj;kstuk ¼,-vkbZ-lh-vkj-ih-¼, l Vh ,Q½½ dk e[;ky; dnh; mik".k ckxckuh lLFkku ¼lh vkbZ ,l ,p½] y[kuÅ e fLFkr gA , vkbZ lh vkj ih¼, l Vh ,Q½ dh n'kHkj e 18 dng tgk vke] ve:n] yhph rFkk vxj ij dk;Zfd;k tkrk gA bue l 5 dn Hkkjrh; df"k vuqèkku ifj"kn dh fofHkUu lLFkkuksa e fLFkr g] 12 dn jkT; df"k fo'ofo|ky;ksa e rFkk 'k"k 1 dn xj&ljdkjh ,talh e dk;Z dj jgk gA

lLFkku e 2001&2002 dh nkjku ckxckuh elykLVhdYpj vui;kx lc/kh jk"Vªh; lefr ¼,u lh ih ,½ dh ekè;e l lfu;kstr df"k fodkl dh ¼ih ,Q Mh lh½ dh LFkkiuk dh x;hA dh dh e[; xfrfof/k;ksa e ik|kfxdh fodkl rFkk mPp ik|kfxdh; ckxokuh dk ifj"dj.k] ik|kfxdh dk o/kh dj.k ,oa ilkj] l{e flpkb] lykfLVd efYpx ¼iyokj½] xhu gkml ik|kfxdh] oKkfud lkfgR; dk idk'ku rFkk dk;Zkvk dk vk;kstu djuk rFkk jkT; ljdkj d depkfj;k@vfèkdkfj;k rFkk fdlkuk dh fy, dk;Zkvk dk vk;kstu djuk 'kkfey gA ih ,Q Mh lh }kjk mÙkj in'k dh lkr ftyk e Vid flpkb] ikfy,fFkyhu efYpx ,oa lfCt;k dh ljf{kr df"k fo"k; ij 12 if'k{k.k dk;Øe dk vk;kstu fd;k x;k ftue 600 fdlkuk rFkk ljdkjh vfèkdkfj;k@ depkfj;k u Hkkx fy;kA

vU; fØ;kdyki

lLFkku u 09 viy 2012 dk vke l lcf/kr ie[k uk'kh thok ,oa jkxk dh leL;k vkj rFkk mHkjrh gbZ vU; leL;kvk d lc/k e tkudkjh inku dju d fy, ,d dk;Zkyk dk vk;kstu fd;k rFkk ,u ,vkbZ ih ifj;kstuk d vrxr vkmeka xko e 10 eb] 2012 dk ecbZ d xkcfyu QMl ikboVfyfeVM d lg;kx l ^vke dh rMkbZ io rFkk mijkr j[kj[kko] foi.ku] eY; o/ku rFkk m|ferk fodkl* fo"k; ij ,d lonhdj.k dk;Øe dk vk;kstu fd;k x;kA ?kjy rFkk fu;kr ckt kjk d fy, vke rFkk ve:n l lcf/kr ,d eY; Ük[kyk LFkkfir dh x;hA lLFkku u 28&31 eb 2012 dh nkjku vkfM'kk df"k rFkk ik|kfxdh fo'ofo|ky;] Hkou'oj] vkfM'kk e yf¶VuV vfer flgeekfj;y¼, ,l ,e½ QkmM'ku] ubZ fnYyh }kjk vk;kftr ckxokuh in'kuh&2012 e Hkkx fy;kA bld vfrfjDr] lLFkku u 12&13 eb] 2012 dh nkjku ftyk gfj}kj e fLFkr dkyt vkQ bZ thfu;fjx] #Mdh e vk;kftr nk&fnolh; dk;'kkyk&lg&in'kuh e Hkh Hkkx fy;kA 08 tu] 2012 dk uohuxj] dkdkjh] y[kuÅ e ^vke dh rMkbZ rFkk iDou idk"B ¼jkbifux pEcj½ dh lgk;rk l ml idkuk* fo"k; ij ,d tkx:drk dk;Øe vk;kftr fd;k x;kA lLFkku u fnYyh gkV] ihreijk] ubZ fnYyh e 06 l 08 tykbZ] 2012 dh nkjku fnYyh i;Vu rFkk fodkl fuxe fyfeVM ¼MhVh Vh Mh lh½ }kjk vk;kftr vke egkRlo&2012 e Hkkx fy;kA bld lkFk gh] l Mh ,l ,p&lh vkbZ ,l ,p }kjk blh vof/k dh nkjku ,u ,l lh ifjlj e vke in'kuh&lg&egkRlo dk Hkh vk;kstu fd;k x;kA lLFkku u 09 tykbZ] 2012 dk gfj}kj fty d Hkokuh ij [kM e jk"Vªh; ckxokuh ckM rFkk jkT; ckxokuh foHkkx }kjk vk;kftr ,d&fnolh; vke xk"Bh e Hkkx fy;kA bl xk"Bh dk mn?kkVu ekuuh; dnh; df"k] [kk| ilLdj.k m|kx rFkk l lnh; dk;Zjkr; e=kh Jh gjh'k jkor }kjk fd;k x;kA M;j d lfpo rFkk ekuuh; egkfun'kd vkbZ lh ,vkj] ubZ fnYyh Mk ,l-v;liu }kjk 10 vxLr] 2012 dk dnh; mik".k ckxokuh lLFkku] jgeku [kMk] y[kuÅ e ,d i;kx'kkyk Hkou ,uDlh dk mn?kkVu fd;k ftle xk.k df"k lfo/kk] lpuk dn] vkf.od tho foKku i;kx'kkyk rFkk vkf.od unkfud i;kx'kkyk lfLFkr gA lLFkku u ?kjy rFkk fu;kr ckt kjk d fy, vke ,oa ve:n l lcf/kr ,d eY; Ük[kyk d :i e pykbZ tk jgh ,u ,vkbZ ih ifj;kstuk d vrxr lR;nfMxh dkyt] eky e 27 fnlcj] 2012 dk ^efgyk l'kDrhdj.k gr Qyk ,oa lfCt;k dk eY; o/ku* fo"k; ij ,d&fnolh; if'k{k.k dk;Øe dk vk;kstu fd;kA bl if'k{k.k dk;Øe e vklikl d fofHkUu {k=ka l yxHkx 200 efgyk if'k{k.kkfFk;k u Hkkx fy;kA bl volj ij Qy ,oa lCth ilLdj.k fo"k; l lcf/kr ,d ifLrdk dk foekpu fd;k x;kA

dnh; mik".k ckxckuh lLFkku] y[kuÅ u 29 fnlcj] 2012 dk viu jgeku [kMk ifjlje ,d ^i.k/kkjh ijke'knk=kh cBd* dk vk;kstu fd;kA bl dk;Øe dk e[; fo"k; ^mÙkj in'k jkT; e Qy dh Qlyk d ek/;e l ykHkdfjrk e of) djuk* FkkA bl cBd e mRiknu l ydj [kir rd vke] ve:n] vkoyk] cy] iihrk vkj tkeu dh vkifr Ük[kyk l lcf/kr fofHkUu i.k/kkfj;k u Hkkx fy;kA bld vfrfjDr] bl cBd e jkT; ljdkj d vf/kdkfj;k@depkfj;k] fdlku fodkl dnk d ulh dk;Zdrkvk] rMkb&io Qy Bdnkjk] rMkb&mijkr ic/kdk@lok inkrkvk] ilLdj.kdrkvk] Vkl ikVjk] df"k&buiV inkrkvk] ckt kj ,tVk rFkk lkFk gh

fofHkUu ik|kfxdh fodkl ,tfU;k u Hkh Hkkx fy;kA dnh; mik".k ckxckuh lLFkku] y[kuÅ e 02 Qjojh] 2013 dk ,u ,vkbZ ih ifj;kstuk d vrxr ,d mi&ifj;kstuk df"k l lcfèkr b&lk/kuk gr dlkfV;e dh ,d dk;'kkyk dk vk;kstu fd;k x;kA

lLFkku u vkfM'kk df"k ,o rduhdh fo'ofo|ky;] Hkou'oj] e vk;kftr X;kjgoh df"k foKku dkxl d nkjku fnukd 7 l 9 Qjojh] 2013 rd in'kuh e LVky yxk;k rFkk lLFkku dh rduhdk dk inf'kr fd;kA bl in'kuh dk m|?kkVu ekuuh; df"k eU=kh vkfMlk ljdkj Jh feJk u fd;kA

jktLo vtZu

foÙk o"k 2012&13 d nkjku lLFkku }kjk dy 59-56 yk[k #i, dk jktLo vftZr fd;k x;kA

2- ifjp;

dUnh; mik".k ckxokuh lLFkku dh LFkkiuk 4 flrcj 1972 dk Hkkjrh; ckxokuh vuqla/kku lLFkku] cxykj dh rRokoèkku esa dUnh; vke vuqla/kku dUnd uke ls dh x;h FkhA 1 tu 1984 dk vuqla/kku dUn dk mUu;u dj bls dUnh; mRrjenkuh m|ku lLFkku d:ie esa.k lLFkku dk ntkfn;k x;kA dkykUrj e] 14 tu 1995 dk lLFkku dk uke cnydj dUnh; mik".k ckxokuh lLFkku dj fn;k x;kA lLFkku vfèknf'kr mik".k Qyk d fofHkUu igyvk ij vuqla/kku dk; d }kjk jk"V dh lok dj jgk gA lLFkku d nk ik;kfxd i{k=k gA igyk ik;kfxd i{k=k 'kgj ls yxHkx 25 fd-eh- nj jgeku[kMk e 132-5 gDV;j dk gft le 4 Cykd ¼Cykd 1&15-5 gDV;j] Cykd 2&35-5 gDV;j] Cykd 3&37-42 gDV;j] Cykd 4&44-08 gDV;j½ gh tcfd nlj y[kuÅ 'kgj esa jk;cjyh ekx ij 13-2 gDV;j dk gA lLFkku dk i'kklfud&lg&i;kx'kyk Hkou eb 1999 ls jgeku[kMk fLFkr g] tgk flrcj 1972 ls LFkkfir mik".k Qy dh vf[ky Hkkjrh; vuqla/kku leUo;u ifj;kstuk ¼mik".k Qy½ idk"B Hkh gA lLFkku esa mPp Lrj dh ikèk'kkyk] oKkfud i)fr ij LFkkfir Qyk|ku rFkk vk/kfud midj.kksa ls lqlfTtr i;kx'kyk, gft ld }kjk mik".k ckxokuh dsegRoi.k pukfr;k ij dk;Z fd;k tkrk gA lLFkku d mPp Lrj dh oKkfud ik/k'kkyk esa vke] ve:n] vkoyk ,oa cy dh x.koRrk okyh ik/k lkexh r;kj dh tkrh g] ftls fd mUgsa fdlkuksa ,oa df"k foKku dUnksa dk ekr Cykd cukus gr miyC/k djk;k tk ldA lkFk gh ekuo lk/ku fodkl d fy, fujUrj i;kl tkjh gA lLFkku d djk;s cjyh ekx ifjlj e ,d if'k{k.kkFkh vkokl&lg&vfrfFk xg Hkh gA

lLFkku u le fgfXxuckVe df"k ,oa ik|kfxdh lLFkku ¼lerY; fo'ofo|ky;½] bykgkckn] ,-ih- ,l- fo'ofo|ky;] jhok] ckck lkgc Hkhejko vcndj fo'ofo|ky;] y[kuÅ] bfVxy fo'ofo|ky;] y[kuÅ] cUny [kM fo'ofo|ky;] >kalh] y[kuÅ fo'ofo|ky;] y[kuÅ d lkFk LukrdksRrj ,oa ih,p-Mh- mikfèk;k d vuqla/kku dk;Z gr le>krk Kkiu fd;k gvk gA lLFkku dk bXu }kjk Qyk ,oa lfCt;k d eY; lof/kr mRiknk fo"k; ij ,d o"k dk fMIyksek ,oa 6 ekg dk tfod [krh e iek.k&i=k ikB;Øe d v/;;u dUn d #i e Hkh ekU;rk ikIr gA jk"Vh; ckxokuh fe'ku ls ijku ,oa vuRiknd vke d ckxk d th.kk)kj rFkk ve:n e ehMk ckxokuh ij if'k{k.k d fy;s lLFkku dk ukMy dUn d #i e ekU;rk ikIr gA i.k lqlfTtr jkx ,oa dhVuk'kh vo'k"k fo'y"k.k rFkk Tko fu;=k.k i;kx'kyk, lLFkku dh vU; fo'k"krk, gA lLFkku e rMkbmijkUr ic/ku ,oa eY;o/kugr vk/kfud lfo/kk, miyC/k gA lLFkku efdlkuksa dh leL;kvksa d lek/kku dfy;e hfM;k lk/ku ,oa vkxrd d{kHkh g tgk lQyrk }kjk lid dk;Øe dh 'k#vkr dh x;h gA bld vrxr iR;d 'kØokj iokgu 10%30 ct ls vijkgu 4%00 ct rd njHkk"k ls- % 0522&2841082 ij fdlkuksa dh ckxokuh ls lcf/kr leL;kvksa dk lek/kku dUnh; mik".k ckxokuh lLFkku d oKkfudk }kjk fd;k tkrk gA LkkFk gh fdlku dky lUVj ¼1800&180&1551 ,oa 09415751200½ e njHkk"k }kjh fdlku viuh ckxokuh leL;kvksa dk funku dj ldr gA lLFkku jk"Vh; ckxokuh fe'ku ,oa jk"Vh; ckxokuh ckM dk lfØ; lgHkkxh grkfd {k=k e ckxokuh fodkl d fy, lefdr fodkl gk ldA

fotu

n'k d ldy ?kjy mRikn rFkk fu;kr ckt kj e df"k {k=k dh Hkkxhnkjh dk lkeU; #i ls rFkk ckxokuh d fgLls dk fo'k"k :i ls c<kukA

fe'ku

lefdr [krh dk;uhfr d v'k d :i e mik".k Qyk d mRiknu d iHkkoh] ykHkdkjh ,oa ;ogk; ik|kfxd;k d fodkl d fy, ekfyd ,oa uhfrxr vuqla/kku djukA

vf/kn'k

- e[; ,oa xk.k mik".k Qyk dh mRikndrk c<ku rFkk eY; Ük[yk fodflr dju d fy, ekfyd vkj 0;kogkfjd vuqla/kku dk dk;Z djukA
- mik".k Qyk] fo'k"k dj vke ,oa ve:n] ij jk"Vh; fuèkku d :i e dk;Z djukA
- ekuo&lk/ku fodkl d dUn d :i e dk;Z djuk rFkk lgHkkfx;k ¼LVd gkYMjksa dk ijke'k nukA

mn~ns';

- vf/knf'kr Qy Qlyk d vkuof'kd lk/kuk dk icèkuA
- i tuu rFkk vkuof'kd vfHk;kf=kdh }kjk Qly l/kkjA
- ik/k lkexh dh x.koRrk e l/kkj ykr g, to ,oa vtoru kok dk ic/ku] ;kf=kdh dj.k] vk/kfud io/ku rduhd]

eyoUr dk lefUor djr g, mÙke vk|kfud i)fr }kjk mRikndrk c<kukA

- rMkb mijkUr {kfr dk de djuk rFkk lefdr rMkb io ,o mijkUr ic/ku i)fr;k eY; lo/ku rFkk mRiknk d fofo/khdj.k }kjk ykHk c<kukA
- ekuo lLkk/ku fodkl] ik|kfxdh gLRkkUrj.k] {kerk mUu;u rFkk bld lkekftd&vkfFkd iHkko dk eY;kduA

egRoi.kmiyfC/k;k

Qly l/kkj ,oa tSoiz|kfxdh

- lLFkku en'kh ,o fon'kh lkrk l ,df=kr fd, g, fo'o dk lokf/kd vke dk 742 vfHkxeu ldfyr dj ljf{kr fd;k x;k gA
- fu;fer Qyr nu okyh vk; dh ldj fdLe vfcdk ¼vkeikyh x tuknu iln½ dk vf[ky Hkkjrh; lefUor 'kk/k ifj;ktuk ,oa ixfr'khy fdlkuk d ek/;e l cg& LFkkuh; ifj{k.k d fy, Hktk x;k ft ll bldh {kerk dk eY;kdu gk ldA bl fdLe d Qy ykfyek fy, g, ihy jx d gkr gA budk xnk d lk gvk gkrk g rFkk ble j'kk de ek=kk e ik;k tkrk gA ;g nj l idu okyh fdLe gA n'kh ,o fon'kh ckt kj d fy, ;g fdLe cgrj lkfcr gk ldrh gA
- ,d vU; fu;fer Qy nu okyh fdLe g ldj&H-39 ¼vkeikyh x oujkt½ ft ldk fNydk ykfyek fy;g, ihy jx dk gkrk g] xnk d lk gvk] 'kdjk (24º fcDl) vfèkd gkrk gA bl fdLe dk v:fudk d uke l ykdkfir fd;k x;k gA ;g fdLe Hkh eY;kdu gr vf[ky Hkkjrh; lefUor 'kk/k ifj;ktuk ,oa ixfr'khy fdlkuk d chp gA
- vke dk ldj fdLe ,p-&1084 Hkh x.koRrk e vPNk ik;k x;k g ft ldk eY;kdu gk jgk gA
- vke dh fdLe byk; ph xEek jkx jfgr g bldk fo'k"kd tuu ;k tukvk e bLreky gk jgk gA
- vke dh 150 fdLek dk vk.kfod y{k.k o.ku l Kkr gvk dh vfHkxeu tuun0; dk 3 Jf.k;k e ckVk tk ldrk g ;Fkk mRrjh] ioh vkj mRrjh ,o ioh nkuk d ifrfuf/kA
- rhu ikjfHkd] ,Q,evkbMh 073] ,p,evkbMh 074 rFkk ,Q,evkbMh 2007] vke d ekr[k.M iof'k;k e fdLek dh fHkUurk ,o mudh lekxrk dk fo;ktu ¼foHknu½ dj ldr gA
- nf{k.k Hkkjr dh vke dh fdLe rkrkijh y[kuÅ dh tyok;q efu;fer Qyu ,o vf/kd mit nu okyh ik;h x;h gA
- ve:n d 131 vfHkxeu ,o 7 flfM;e tkfr;k lLFkku dh QhYM thu cd e ljf{kr gA
- jxhu ve:n d nkp;uk lh-vkb-,l-,p-th&3 ,o lh-vkb-,l-,p-th-&4 dk Øe'k% yfyr ,o 'ork d uke l lLFkku }kjk fuxr fd;k x;k gA 'ork dk itkc ,o gfj;k.kk e cgr iln fd;k x;k gA yfyr d Qy vkd"kd tkQjkuh ihy jx d lkFk gYdh ykfy;k fy;g, gkr gA bldh mit bykgkckn lQnk l 25 ifr'kr vf/kd gkrh gA ble ldjk 14º fcDl gkrh gA
- 'ork fdLe d Qy v)xkykdkj] vkd"kd xykch vkek ;Dr] lQn xnk] dN eyk;e ch t] mPp Vh,l ¼14º fcDl½ vkj vPNh mit dh lHkkouk jgrh gA
- lLFkku }kjk fodflr mdBk ifrjk/kh ve:n dk ldj eyoUr e0;ko lkf;d fdLek dk xk¶V dj mdBk jkx l xflr {k=kk e yxk;k x;k g rkfd bldk eY;kdu gk ldA
- lLFkku d QhYM thu cd e cy d 36 vfHkxeu ljf{kr gA nk vk'kk tud p;u] lhvkb,l,p& ch&1 ,o lh-vkb-,l-,p-&ch&2 HkkT; ,o ilLdj.k d fy, vPNh gA
- lLFkku dh QhYM thu cd e dyk ¼7½] iihrk ¼32½] yhph ¼35½ rFkk v/kki;kxh Qy vkoyk ¼22½] djknk ¼30½] tkeu ¼35½] f[kjuh ¼38½] beyh ¼24½] egvk ¼30½] fpjkth ¼8½] dFkk ¼17½] 'kgrr ¼10½ jlHkjh ¼3½] 'kjhQk ¼8½] dej[k ¼2½] ylkMk ¼3½ vkj xykc tkeu ¼2½ d vfHkxeu ljf{kr gA

Qly mRiknu

- ikyhgkm l d fu;f=kr okrkoj.k dh n'kk vke dN mif{kr Qyk ;Fkk tkeu] djknk] f[kjuh dh ilj.k fof/k;k dk ekudhdj.k fd;k x;kA
- ikjEifjd jki.k ¼100 o{k@gDV;j½ dh ryuk e e/;e l?ku ckxokuh ¼400 o{k@gDV;j½ }kjk n'kgjh vke dh vi{kk 15&18 Vu@gDV;j ¼rhu xuk½ dh of) ik;h x;hA
- vke dh efYydk fdLe e forku fojyu }kjk vuipkfjr ¼dVky½ dh ryuk e 55 fd-xk- l c<dj 80 fd-xk-@o{k mit vfdr dh x;hA

- fdlkuk d [kr e vke ,o ve:n dh th.kk) kj rduhd dk in'ku fd;k x;kA bl o"k df"k foKku dUn] ilk d lkFk feydj bl rduhd dk in'ku 200 fdlkuk d [kr e fd;k x;kA
- ve:n dh l?ku ckxokuh ,o forku ic/ku dk ckxokuk rd igpk;k x;k gA
- vke vk/kkfjr Qly i.kkyh fodflr dju gr fofHkUu vrjorh Qlyk dk vkdyu fd;k x;kA
- n'kgjh vke d o{kk e 4 xke@o{k ¼3-2 fe-yh-@yh-½ dh nj l feVVh e iDykC;Vk tky d i;kx l vQyu o"k e i"iu ,o Qyu e of) ik;h x;hA
- QkLQkjl ,o ikVk'k e l iR;d 1-0 fd-xk-@o{k dh nj l vke d 10 o"kh; o{kk e i;kx dju l mit ec<kRrjh ik;h x;hA o{k d pkjk rjQ ukyh cukdj mojdk d i;kx l budk vf/kdkf/kd ykHk feykA
- iihrk dh ilk Mfy'k l fdLe dk mÙkjh Hkkjr e flrcj eghu e 2x1-8 eh- dh njh ij yxku l vf/kdkf/kd mit ¼55 fd-xk-@o{k½ ikIr gbA

Qly lj{kk

- vke duk'khdhV ,o jkxk d ic/ku gr lefdr uk'kh tho ic/ku rduhdh dk fodkl ,o ekudhdj.k fd;k x;kA dhVuk'kh QQn] oVh lhfy;e fyduh] v.Mk ijthoh] ,xkLVkflVl Li-] xkeVkljl Li- vkj ikyhuek Li- vkj ijHk{kh] Økblkik yl hijMk] eykMk ckfuufUll rFkk dkDlhuYyk llVeidVkVk vke d Qndk@Hkxuk dhV d fu;=k.k gr l{ke to fu;=k.k ded ik;k x;A
- vke d Qndk vkj [kjk jkx d iokueku gr rkieku vkj vkif{kd vknrk dh fu.kk;d lhek, fu/kkfjr dh x;hA
- vke d thok;q o.k jkx ¼cDVhfj;y d ddj½ dk LVlVk lkbfDyu d 0-02 ifr'kr ?kkyk d 10 fnu d vUrjkyk ij fNMdko }kjk fu;=k.k fd;k x;kA bl jkx d fo:) tfod fu;U=k.k gr oflyl dkxyUl] L;Mkekukl i tkfr vkj ,tVkcDVj i tkfr iHkkoh jgA
- vke d rMkb mijkr jkxk] ,UFkDuk t vkj ruk&Qy tMko lMu ¼<ih foxyu½ dk Qyk dk 0-025 ifr'kr dkcUMkfte d xe ¼52±1° lfYl;l½ ?kkyk e 15 feuV rd Mckdj iHkkoh fu;U=k.k ik;k x;kA
- ve:n d mdVk jkx l iHkkfor vf/kdk'k iMk e ;fi fXy;kDyfM;e jkft;e dh mifLFkfr ik;h x;h yfdu bl jkx d xHkhj idki d fy, ¶;tfj;e vkDlhLikje mi i tkfr lkbMh vf/kd l{ke ik;k x;kA cnk; vkj y[kheij [kjhftyk e mdBk jkxxLr {k=k e l=kdfe;k dh lrr mifLFkfr ik;h x;hA l=kdfe;k d lnHk e fu.kk;d 'kk/k dk; fd;k tk jgk gA
- lLFkku dh ik/k'kkyk e enk LokLF; gr ,Liftyl ukbtj ¼,u17½ vkj VkbdkMek gkft;kue dk fu;fer i;kx fd;k tk jgk gA
- pkj ikni vUr% lgthoh thok.k vkj yk[k vk/kkfjr mRiknk d tMxfUFk l=kdeh d fu;=k.k gr i;kx fd;k x;kA lkFk gh dhV jkxdkjh l=kdeh dh {kerk dk i;kx'kkyk e in'ku fd;k x;kA
- dkfyVkVkbde Xykb;kLikfjvkfMl d fy, ikbel d pkj tkMk d lkFk ,d eYVhlyDl ihlhvkj dk b"Vreh dj.k fd;k x;kA

rMkb mijkr ic/ku

- vke d okf.kfT;d fdLe k n'kgjh] yxMk] pkl k] efYyd k ,o vke ikyh e ifjiDork ekud fu/kkfjr fd;x;A
- vke] ve:n ,o cy d de ykxr oky Qyk d rkMd ;=k dk cukdj mudk ifj"dr dj ml ijkeh Vjhdr fd;k x;kA
- de ykxr okyk rg ;kX; ,d iDou d{k dk vfHkdfYir dj ml dk fodkl fd;k x;k ftldk eY;kdu fd;k tk jgk gA
- n'kgjh] yxMk ,o pkl k vkek dk 12] 15 ,o 10° lyfl;l ij 3] 2 ,o 3 llrkg rd HkMkfjr fd;k tk ldrk gA
- vke dk 5 feuV rd ifjiDork vu lkj 250&750 ihih ,e bFkjy d xe ikuh ¼52±2° lfYl;l½ d ?kkyk e Mck dj ,d leku iDou ikIr fd;k tk ldrk gA
- rMkb io dfYl;e Dykjkb M Mkbgkb MV ½2 ifr'kr½ d 10 fnu dk vrjky ij fd;x; fNMdko vke e xBy h foxyu fodkj d fo:) iHkkoh ik;x;A
- vke vkj ve:n dh ifdx vkj ifjogu gr 2 vkj 4 fdykxke {kerk oky ukyhnkj xRr d cDl cuk, x,A
- ve:n dh bykgkckn lQnk fdLe dk 5° lfYl;l rkieku ij 0-25 ifr'kr fNn;Dr ikyhFkhu Fkyk e Hkjdj 28 fnu rd HkMkfjr fd;k tk ldrk gA

- vke dk iUuk rFkk vke dk ikmMj cukus dh i.kkyh dk b"Vehdr dj in'ku dsk/;e ls mUgsa ykHkfi; cuk;k tk jgk gA
- vke ,o vkoyk dh Qkdk d 'k"du] vke dh Qkdk dk vkLek 'k"du rFkk vkoyk dh Li 'k"du dh fy, ikVkdkYl fodflr fd;s x;sA
- uk eghu vk;s oky ry jfgr vke dh vpkj rFkk iihr dh ehBh pVuh dk fodflr dj ykHkfi; cuk;k x;kA
- vkoyk dh ehBk ,o uedhu Qkdk dk cukus dh rduhd dk b"Vehdr fd;k x;kA
- vke ,o egvk dh okbu rFkk 'kgrr dh okbu cukus dh ikVkdkyh dk fodflr fd;s x;sA
- vke dh fNydh dk dEikLV] Qkboj] ifDVu] fljdk RkFkk ifDVut ,o lY;yt ,utkbEl dh mRiknu dh fy, bLreky fd;k tk ldrk gA

ik|kfxdh gLrkrj.k

lLFkku }kjk mik".k Qyk dh mRiknu] lj{kk ,o rMkbZ mijkUr ic/ku fo"k; ij ckxokuk ,o fofHkUu jkT; ljdkj dh ilkj dfe;k dh ykHkkFk 10 ik;kftr if'k{k.k dk;Øe dk vk;kstu fd;k x;kA lLFkku }kjk oKkfudk] if'k{k.kfFk;k ,o vU; fodkl dfe;k dh fy, vke rFkk vU; vf/knf'kr Qy Qlyk ls lc/kh mUur Qly ik|kfxfd;k dh fofHkUu igyvk ij Hkh if'k{k.k inku fd;k x;kA mRrj in'k dh vyx&vyx fgLlk e ih-,Q-Mh-lh- dh vUrxr Vid flpkb] ikyhFkhu efYpx rFkk ljf{kr [krh fo"k; ij ckjg fof'k"V if'k{k.k dk vk;kstu fd;k x;kA mRrj io dh igkMh {k=kk dh VDukyk th fe'ku dh vUrxr mRrj&io dh jkT;k] tEe&d'eh] fgekpy in'k rFkk mRrjk[k.M dh lefdr fodkl dh fy; ckxokuk] vf/kdkfj;k rFkk ilkj dfe;k dh fy, Ng if'k{k.k dk;Øek dk vk;kstu fd;k x;kA

lLFkku }kjk fodflr ik|kfxfd;k dh fo"k; e tkx#drk ink djus dh fy, n'k dh fofHkUu fgLlk dh fdlkuk] fo|kfFk;k rFkk vf/kdkfj;k dh fy, Hke.k dk vk;kstu fd;k x;kA lLFkku e oKkfud ik/k'kkyk ifjlj dk;Øe lefdr eík ij tkjh g rFkk yf{kr leg dk x.koRrk oky ik/k jki.k mRiknu lkexh e tkx#drk ink dh tk jgh gA lLFkkuuxkf"B;k dk vk;kstu fd;k rFkk fodflr ik|kfxfd;k dh ilkj dh fy, jkT; ,o jk"Vh; Lrj dh vud dk;Øek e fgLlk fy;kA i{k=k in'ku] ijke'k] Mkd i'u] Qku&bu&ykbo rFkk Vh-oh-@jfM;k okrk dk Hkh vk;kstu fd;k x;kA

vkb-lh-,-vkj-dh ^d"kd iFke* dfUnr mí'; deíutj fdlkuk@ckxokuk d{k=kk e lLFkku }kjk fodflr ik|kfxfd;k dk oKkfud&ckxoku cBd rFkk ehfM;k ehVd nkjku inf'kr fd;k x;kA vul/kku dh fo"k;&lph rFkk ik|kfxdh gLrkrj.k dnek dk eík dh igpku rFkk nLrko thdj.k dh fy, lgHkkfxrk ijke'k d cBd dk vk;kstu fd;k x;kA lLFkku }kjk fofHkUu ik|kfxfd;k@rduhfd;k lc/kh lpuk dk lLFkku d oc lkbV ij Mkydj cjyh d tM- Vh-,e-] vkb- vkb- ,p- vkj-] cXy# rFkk ,u-vkj-Mh-lh-] u;h fnYyh dk miyC/k djk;k x;kft lls fd mudh okf.kT;hdj.k lc/kh lHkkouk vk dk ryk'kk tk ldA

,-d-,e-;-¼df"k tkudkjh ic/ku bdkb½

lLFkku e ,-d-,e-;- dk ,d i.k fodflr idk"B gA lLFkku dh oc lkbV r;kj dj yh x;h gs rFkk ble lpuk,a lekof'kr dh tk jgh gs rkfd tulk/kkj.k dk xfrfof/k;k dh tkudkjh ikIr gk ldA oc lkbV e lxBukRed ljpuk] lox] LVkQ] oruekuk] depkfj;k dh vpy lifRr] tkjh vul/kku ifj;kstuk,a] miyC/k;k] miyC/k lfo/kk,a] ik/k'kkyk ic/ku rFkk mPp mRikndrk dh fy, fodflr idt vkQ ifDVl] ifj"dr dh x;h ik|kfxfd;k] inRr lok,a rFkk b&'kklu fo"k;k ij lpuk miyC/k gA lkeku; lpuk d vykok] ehfM;k dfe;k rFkk fdlkuk@m|fe;k@ fo|kfFk;k rFkk vU; lgHkkfx;k d mi;kx d fy, ehfM;k ls lk/ku bdkb d vUrxr lh-vkb-,l-,p- ik|kfxfd;k] fdlku lykg ,o prkouh vke ik|kfxfd;k ij fofM;k rFkk il foKfIr;k miyC/k gA lLFkku d oc lkbV dk fu;fer :i ls v|ru fd;k tk jgk gs rFkk bl jk"Vh; ,o vUrjk"Vh; Lrj ij ykxk }kjk n[kk tk jgk gA

iLrdky;

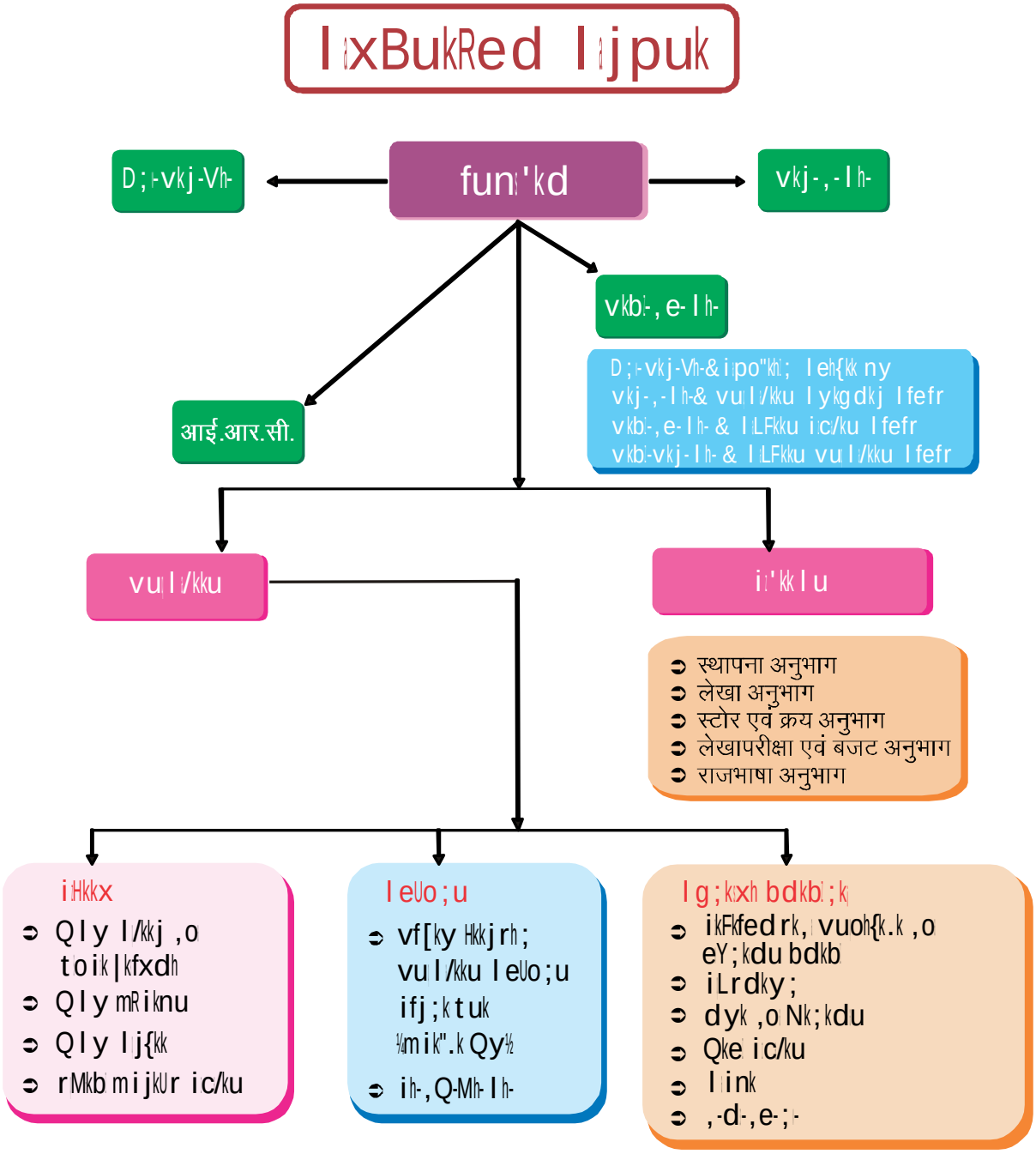
lLFkku e ,d i.k fodflr iLrdky; gs tk oKkfudk] vul/kku drkvk rFkk ,e-,lh-@ih,p-Mh- fo|kfFk;k dh 'k{kf.k d vko';drkvk dh ifr djrk gA bl iLrdky; e ckxokuh ls lcf/kr fdrkc] if=kdk;] fjikVZ] jhfiV rFkk lhMh jke d vykok dl;Vj dh lfo/kk] bVjuV lfQx rFkk fjikxkfQd lfo/kk, Hkh miyC/k gA ckxokuh d lhMh lh-,-b-,-,l-b-lk¶Vo;j dh MkVkcl [kkt dh lfo/kk miyC/k gA bl fjikV dh vof/k d nkjku oreku oKkfud rFkk rduhdh iLrdk dk oreku ldyu c<dj 3549 gk x;kft le 145 vU; iLrd lfEefyr dh x;hA oreku le; e lLFkku d iLrdky; e

62 jk"Vh; ,o vUrjk"Vh; tuy exk;h tkrh g ftle l 23 vUrjk"Vh; Lrj ,o 28 jk"Vh; Lrj d tuy gA ljk dk lnL; cuu d i'pkr 27 jk"Vh; ,o 21 vUrjk"Vh; tuy dk exk;k tkuk cUn djfn;k x;kA vkb-lh-,-vkj- d lLFkkuk@ fo'ofo|ky;k@vUrjk"Vh; lLFkkuk l 200 okf"kd fjikVZ fofue; vk/kkj ij ikIrfd;x;A lLFkku e,u-,-vkb-ih-mi&ifj;ktuk d vUrxr d lkfV;e Qkj&b&fjlkIt bu ,xhdYpj ij ,d dk;'kkyk dk vk;ktufd;kx;kftle y[kuÅfLFkr vkb-lh-,-vkj- d lLFkkuk d oKkfud lfEefyr g,A

lxBukRed ljpuk

lLFkku Qly l/kkj ,o toik|kfxdh] Qly lj{kk ,o rMkb mijkUr ic/k iHkkxk }kjk dk; djrk gA Qly mRiknu uked ,d u; iHkkx dh jpuk dk iLrko ifj"kn e fopkjk/khu gA lLFkku e gh vf[ky Hkkjrh; lefUor vul/kku ifj;ktuk dk; djrk gA

gkb&Vd ckxokuh d ilkj d fy; lLFkku e fiIhtu Qkfex Moyie V lUVj gA lLFkku dh lxBukRed jpuk dk en'kk;k x;k gA



foÙkh ; 0 ; oLFkk

c tV vkcVu ,o a [kp ¼2012&2013½

¼yk[k #i ;s e½

Ø-l-	'kh"kZ	xSj ;kstuk		;kstuk		,-vkbZ-lh-vkj-ih- ¼,lVh,Q½		,ih lsy Q.M ifj;kstuk,a		ckgjh lgk;rk foRr ikf"kr ifj;kstuk,a		fjokfYoax QaM		,u-,-vkbZ-ih- ifj;kstuk,a	
		c tV	[kp	c tV	[kp	c tV	[kp	c tV	[kp	c tV	[kp	c tV	[kp	c tV	[kp
1	LFkkiuk pkt	1100-00	1099-71			457-04	456-71								
	oru	45-00	44-97												
	vU;	0-20	0-12												
2	Vh-,-	5-50	5-49	12-00	12-00	24-19	24-01							2-36	2-36
3	ek-l-fo-	0-00	0-00	15-00	15-00										
4	vU; pkt														
v-	ith	2-00	1-69	20-50	20-47					6-50	6-09			0-14	0-14
c-	jktLo	73-80	72-15	127-50	126-74	45-12	45-48	0-00	0-00	166-41	64-49	28-18	13-72	40-68	25-86
5	NkV dk;	2-50	2-50												
6	e[; dk;	0-00	0-00												
7	,-vkj-,- ,.M ,e- fcfYMx														
v-	dk;kZy; dh fcfYMx	4-00	4-00												
c-	vkoklh; fcfYMx	5-00	4-98												
	dy	**1238-00**	**1235-61**	**175-00**	**174-21**	**526-35**	**526-20**	**0-00**	**0-00**	**172-91**	**70-58**	**28-18**	**13-72**	**43-18**	**28-36**
8	**i;kZ'ku ,oa lkekftd fuoskQ ykHk**	**199-00**	**175-24**												

jktLo dh ikfIr ¼2012&2013½

¼yk[k #i ;s e½

Ø-l-	C;kjk	y{;	ikfIr
1	Qke mRikn		24-72
2	mRiknk dh fcØh		0-00
3	idk'kuk@VMj Qke vkfn dh fcØh		0-76
4	xLV gkml pkt lfgr@ykbZl Qhl		5-45
5	if'k{k.k@lykg		1-29
6	ih-ykWl dk C;kt		7-33
7	Vh-Mh-vkj- dk C;kt		9-35
8	fctyh ,o ty pkt		1-94
9	;krk;kr pkt		8-09
10	fofo/k ikfIr;k		0-63
		42-00	**59-56**

LVkQ dh fLFkfr ¼31-03-2013 rd½

Ø-l-	oxZ	Lohd`r	Hkjk	fjDr
1-	**vkj-,e-ih-**	1	1	&
2-	**olKkfud**	48	37	11
3-	**rduhdh**	56	47	09
4-	**i;kZ'kkLfud**	24	21	03
5-	**dk;kZy; v/khuLFk LVkQ**	44	32	12
	dy	173	138	35

LVkQ dh fLFkfr esa ifjorZu

dk;ZHkkj xg.k

oSKkfud

1- Jh ckyk th jkt dekj u oKkfud ¼df"k dhVfoKkuh½ d in ij fnukd 02-05-2012 dk dk;ZHkkj xg.k fd;kA

2- Jh xMlik u oKkfud ¼df"k dhVfoKkuh½ d in ij fnukd 10-10-2012 dk dk;ZHkkj xg.k fd;kA

i'kklfud

1- Jh jkgy HkVV u lgk;d d in ij fnukd 07-06-2012 dk dk;ZHkkj xg.k fd;kA

inkUufr

1- Mk- ¼Jherh½ vt; ckt ib] ofj"B oKkfud dk fnukd 25-07-2010 l Sh-,-,l- d rgr i/kku oKkfud d in ij efjV iek'ku fn;k x;kA

rduhdh

1- Jh /ko dekj] Vh&1 dk fnukd 12-12-2011 l Vh&2 d in ij efjV iek'ku fn;k x;kA

2- Jh l thou yky] Vh&2 dk fnukd 05-08-2010 l Vh&3 d in ij efjV iek'ku fn;k x;kA

3- Jh joUn dekj feJ] Vh&2 dk fnukd 01-01-1996 l ¼ekuuh; mPp U;k;ky; d vkn'kkuqlkj½ Vh&3 d in ij efjV iek'ku fn;k x;kA

4- Jh ckyd jke] Vh&2 dk fnukd 15-03-2008 l Vh&3 d in ij efjV iek'ku fn;k x;kA

5- Jh pUn cgkj] Vh&4 dk fnukd 01-01-2010 l Vh&5 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

6- Jh cCcu ilkn 'kDy] Vh&5 ¼rduhdh vf/kdkjh½ dk fnukd 01-01-2010 l Vh&6 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

7- Jh Lo;oj nRr] Vh&4 dk fnukd 03-02-2010 l Vh&5 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

8- Jh pUn Hkky] Vh&5 ¼rduhdh vf/kdkjh½ dk fnukd 01-01-2010 l Vh&6 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

9- Jh pUn idk'k f}onh] Vh&5 ¼rduhdh vf/kdkjh½ dk fnukd 01-07-2010 l Vh&6 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

10- Jherh uferk 'kekl] Vh&4 dk fnukd 03-02-2010 l Vh&5 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

11- Jh n;k 'kdj] io Vh&3 dk fnukd 01-07-2009 l Vh&4 d in ij efjV iek'ku fn;k x;kA

12- Jh jke nykj] Vh&4 dk fnukd 01-01-2011 l Vh&5 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

13- Jh ohjUn dekj] Vh&1 dk fnukd 03-08-2009 l Vh&2 d in ij efjV iek'ku fn;k x;kA

14- Jh vuhl vgen] Vh&2 dk fnukd 29-06-2011 l Vh&3 d in ij efjV iek'ku fn;k x;kA

15- Jh ;euk ilkn] Vh&2 dk fnukd 29-06-2011 l Vh&3 d in ij efjV iek'ku fn;k x;kA

16- Mk- ,l- d- ,l- jk?ko] Vh&7&8 ¼rduhdh vf/kdkjh½ dk fnukd 26-08-2011 l Vh&9 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

17- Jh jke lju] Vh&6 ¼rduhdh vf/kdkjh½ dk fnukd 01-01-2012 l Vh&7&8 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

18- Mk- foukn dekj flag] Vh&6 ¼rduhdh vf/kdkjh½ dk fnukd 01-07-2009 l Vh&7&8 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

19- Jh vfuy dekj flag] Vh&6 ¼rduhdh vf/kdkjh½ dk fnukd 24-02-2011 l Vh&7&8 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

20- Jh Mh- d- 'kDy] Vh&6 ¼rduhdh vf/kdkjh½ dk fnukd 01-01-2011 l Vh&7&8 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

21- Jherh j[kk pkjfl ;k] Vh&6 ¼rduhdh vf/kdkjh½ dk fnukd 01-07-2012 l Vh&7&8 ¼rduhdh vf/kdkjh½ d in ij efjV iek'ku fn;k x;kA

i'kklfud

1- Jh v'kksd dekj lB] lgk;d dk fnukd 25-03-2012 l rhljk ,e-,-lh-ih- inku fd;k x;kA

v/khuLFk

1- Jh feJh yky jkor] io ,l-,l-,l- dk fnukd 01-09-2008 l rhljk ,e-,-lh-ih- inku fd;k x;kA

2- Jherh n'korh flg] ,l-,l-,l- dk fnukd 01-09-2008 l rhljk ,e-,-lh-ih- inku fd;k x;kA

3- Jh jke] ,l-,l-,l- dk fnukd 01-09-2008 l rhljk ,e-,-lh-ih- inku fd;k x;kA

4- Jh jk/k yky] io ,l-,l-,l- dk fnukd 01-09-2008 l rhljk ,e-,-lh-ih- inku fd;k x;kA

5- Jh ckc yky] io ,l-,l-,l- dk fnukd 01-09-2008 l 31-03-2011 rd rhljk ,e-,-lh-ih- inku fd;k x;kA

6- Jh jke ukjk;.k] ,l-,l-,l- dk fnukd 27-12-2009 l rhljk ,e-,-lh-ih- inku fd;k x;kA

7- Jh jke dekj] ,l-,l-,l- dk fnukd 01-10-2009 l nljk ,e-,-lh-ih- inku fd;k x;kA

8- Jh t;ukjk;.k] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

9- Jh gkfen vyh] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

10- Jh jke [kykou] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

11- Jhf'konkl] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

12- Jh Nnk yky] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

13- Jh n;kjke] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

14- Jh ';ke yky] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

15- Jherh eg'ojh noh] ,l-,l-,l- dk fnukd 31-05-2011 l nljk ,e-,-lh-ih- inku fd;k x;kA

16- Jh jkt'k dekj] ,l-,l-,l- dk fnukd 01-09-2008 l igyk ,e-,-lh-ih- inku fd;k x;kA

17- Jherh uUdb] ,l-,l-,l- dk fnukd 01-09-2008 l igyk ,e-,-lh-ih- inku fd;k x;kA

18- Jherh Kkuorh] ,l-,l-,l- dk fnukd 26-03-2009 l igyk ,e-,-lh-ih- inku fd;k x;kA

19- Jh fcgkjh] l i=k Jh ekgu yky] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

20- Jh xxk jke] l i=k Jh jke lod] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

21- Jh exy i lkn] l i=k Jh [kxk] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

22- Jh uUg yky] l i=k Jh fugky] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

23- Jh Vj i lkn] l i=k Jh ct] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

24- Jh Jhiky] l i=k Jh jke yky] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

25- Jh jke pUn] l i=k Jh tkudh] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

26- Jh df<y i lkn] l i=k Jh ijkxh] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

27- Jh ij'kjke] l i=k Jh df<y] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

28- Jh ghjk yky] l i=k Jh ryh] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

29- Jh dyk'k pUn] l i=k Jh ed] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

30- Jh gfj i lkn] l i=k Jh jkepj.k] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

31- Jh d".k dekj] l i=k f'ko jru] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

32- Jh Hkkb yky] l i=k Jh ekgu yky] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

33- Jh v'kd dekj] l i=k Jh efgiky] ,l-,l-,l- dk fnukd 01-09-2008 l nljk ,e-,-lh-ih- inku fd;k x;kA

lkfjohx{kk

i;'kk lfud

1- Jh jfo Hkn] lgk;d foRr ,oa y[kkf/kdkjh ¼oreku le; e ,u-ch- ,Q- th- vkj- e rukr½ dk fnukd 06-11-2010 l LFkk;h ?kkf"kr fd;k x;kA

rduhdh

1- Jh uj'k pUn oek] Vh&3 dk fnukd 02-08-2012 l LFkk;h ?kkf"kr fd;k x;kA

LFkkukarj.k

oSKkfud

1- Mk- fufe"kk 'kekZ] oSKkfud ¼to ik|kfxdh½ dk fnukad 07-07-2012 dk Hkkjrh; df"k vuqla/kku lLFkku] fnYyh LFkkukarfjr fd;k x;kA

lsokfuo`fRr

oSKkfud

1- Mk- vkj- ih- 'kDy] i/kku oSKkfud fnukd 31-10-2012 dk ifj"kn dh lok lsfuoRr gq,A

2- Mk- jkd'k pUn] i/kku oSKkfud fnukd 31-03-2013 dk ifj"kn dh lok lsfuoRr gq,A

rduhdh

1- Jh t-d- [kj] Vh&4 fnukd 31-05-2012 dk ifj"kn dh lok lsfuoRr gq,A

2- Jh vkj-ih- 'k[kokj Vh&7&8 fnukd 31-10-2012 dk ifj"kn dh lok lsfuoRr gq,A

3- Jh jke n;ky] Vh&4 fnukd 28-02-2013 dk ifj"kn dh lok lsfuoRr gq,A

v/khuLFk

1- Jh dk'kh] d'kyk v/khuLFk LVkQ ¼xSi Mh½ fnukd 30-06-2012 dk ifj"kn dh lok lsfuoRr gq,A

3- vuqla/kku miyfC/k;k

Qly lq/kkj ,oa tSo izkS|ksfxdh

vke ¼efUtQsjk bf.Mdk ,y-½

tuun0; lqdyu] vfHky{k.k&fu/kkj.k] eY;kadu rFkk iy;ZVu

lqdyu% vke dh 26 vkfIr;k dk mue0;kadr fo'ks"krkvksa d vk/kkj ij lqdyu fd;k x;k ftuesa vMeku l 24 rFkk tkeuxj ¼xtjkr½ vkjQ tkckn ¼mÙkj in'k½ l ,d&,d vkfIr ldfyr dh x;hA xPN e Qy mRiUu dju oky rFkk cg&Hk.kh; idkj d fof'k"V vfHky{k.kksa oky tuun0; dk nf{k.kh vMeku fty d e tjh] xlrkikMk] exyVu] pky/kkjh] fpfM;k Vki] ikFkjkij] gMk rFkk goykd }hi d xkfon uxj] fot ; uxj] dkyk iBkj l ldyu fd;k x;kA bud vfrfjDr] nf{k.k vMeku }hi d fpfM;k Vki] ekmV gfj,V] foEcjyxt] 'kkvy [kkMh rFkk cEc ¶yV l Hkh fof'k"V y{k.k oky tuun0;k dk ldyu fd;k x;kA fpfM;k Vki l efUtQjk vMekfudk rFkk ,e-dEIVkLiek rFkk ekmV gfj,V l efUtQjk xhfQfFk d iÙkk d ueuk dk ldyu fd;k x;kA bl ldyu vfHk;ku d nkjku 'kkvy [kkMh dh lnj vofLFkfr e fLFkr efUtQjk xhfQfFk d cgr ijku iM dh igyh ckj igpku dh x;hA

vfHky{k.k% vke dh 195 tuun0; vkfIr;k dk Qy vfHky{k.k gr eY;kadu fd;k x;kA 98 vkfIr;k dk Mh ;w ,l (DUS) ijkehVjk ¼ftuesa i"i xPN vfHky{k.k Hkh 'kkfey g½ l vfHky{k.k fp=k.k fd;k x;kA

eY;kadu% 105 tuun0; vkfIr;k dk Qy ijkehVjk dk Kkr dju d fy, eY;kadu fd;k x;kA 98 vkfIr;k dk i"i xPN rFkk iÙk d vfHky{k.kk d vk/kkj ij vfHky{k.k fd;k x;kA

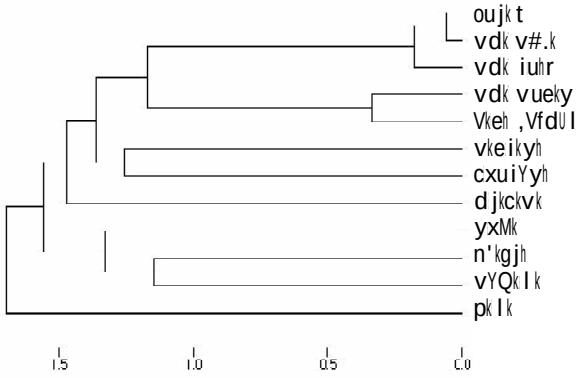
iy;ZVu% efUtQjk bfMdk] t-RNA-Leu (trnl) thu] vkf'kd vuØe] trnl-F vr thuh; Li Ilj] i.k t-RNA-Phe (trnF)] vkf'kd dk fu:fir dju oky vke dh vkB fdLek vFkkr n'kgjh] yxMk] pkl k] v#f.kdk] oujkt] tuknu iln] vkeikyh] Vkeh ,VfdUl rFkk ,YMu d t RNA-Phe (trnf) d vkB vuØe ,u lh ch vkb dk lkix, vkj bUg JH 185672 l ydj JX185679 rd vkfIr l[;k dk i;kx dj vèkkfyf[kr oc lkbV l iu% ikIr fd;k tk ldrk g(
http://www.ncbi.nlm.nih.gov/nuccoriA

QhYM thu cSad

QhYM thu cd e 31 vkfIr;k vFkkr vfyQ yyk] vehu [kn] cyn ckx] vjkTUek] vkf'ou] djkckvk] fpU[k ¼fHkUu½] fpU[k ,e okb] xkiky Hkkx] fgek;ífu] tkojh] [knknkn] dkjy] ,e- dEckfM;kuk] ef.kij ckuk] fetkQj] ,e ,u ,e th&2] ,e okb&6] uouhre] uDdkj] fulkjiln] ipjklh] ifyl] jrky] jkxuhtnk] lhfi;k] ryxuh] oujkt] ohfy;k] fofy;e] fo'oukFk Hkêk rFkk tkQjku 'kkfey dh x;hA oreku e QhYM thu cd e dy 745 vkfIr;k vujf{kr dh tk jgh gA

vk.kfod vfHky{k.k&fu/kkj.k

,UFkksl;fuu o.kdk rFkk jkx&ifrjks/kh thuksa dh igpku d fy, thu vk/kkfjr vk.kfod vfHky{k.k% vke efNyd d thu vofLFkfr dh vkf.od igpku dk fu/kkfjr dju d fy, vyx&vyx thunf"Vdk.k dk viuk;k x;kA Mh tujV ikbej ;Xek l ih lh vkj dk i;kx dj pYdkuflFkt ¼CHS½] pYdku vkblkejt ¼CHI½] ¶youku 3&gkbMkfDlyt ¼F-3H½] rFkk ,UFkksl;uhuh ck;kflFkfVd ikFko d ,UFkksl;fuMhuflFkt ¼ANS½ d fy, ljpukRed thu dkfMx dk io/ku fd;k x;kA ANS vkj CHS thuksa d vuØe.k rFkk mudh 0;k[;k bu thu vfHky{k.kksa e ifjorukdk v/;;u dju e vf/kd mi;kxh fl) ugh gbA WD40-BHLH-M4B Vklf Øl'kuy dEiyDl e vrfufgr thu budkfMx iujkoÙk ikVhu dk dk;Z dju okyk ,d vU; thu WD40 dk vuØe vfHky{k.k fuèkkfjr fd;k x;k ftll jxhu rFkk gjh fdLek e Hkn dju oky vrj dk igpkuk tk ldk ¼vkdfr 1½A bld Qkbykt fud fo'y"k.k



vkdfr 1% vke dh jxhu rFkk gjh fdLek dk ; ih th ,e , vkèkkfjr legu

lnk vyx&vyx xPNk d :ie Hkh if"V dh x;hA vke d vkB fdLek e R thu Qfeyh dk lphc) dju l fo'k"kdj dkbfVut ¼CHI½ rFkk Xydut ¼GLU½ d lc/k e ,dy rFkk cg&Hk.kh; idkjk e vyx&vyx cg:irk Kkr gb ftll thuh; ekdjk d :ie mudk i;kx dju d lc/k e mudh lHkkfor {kerk dk irk pykA

xn d jx rFkk iDou l lcf/kr thu d fy, vkFkk ykx dh igpku % djkfVuk;M to l'yf"kr ikFko thuk dk y{; dj rhu okf.kfT;d fdLek vFkkr jrky] yxMk vkj n'kgjh e QkbVkbu flFkt ¼PSY½ QkbVkbu MlkVjt ¼PDS½ vkj ykbdkfiu , lkbDyt ¼LCYB½ vkFkkykx dh if"V dh x;hA ih lh vkj dh if"V l 148 vkj 400 bp d nk ,Elyhdku QkbVkbu flUFkt ;XeFk }kjk g, tcfd ih Mh ,l vkj ,y lh ch okb d fy, vuekfur v'kk d vulkj 104 vkj 108 bp mRiknk dk iof/kr fd;k x;kA vke e ,fFkyhu d ifr vufØ;k'khy ikFko ikfyxyDVjkut ¼PG½ vkj , lh lh vkfDlMt ¼ACO½ e vkjfHkd rFkk e/;orh thuk dk ih lh vkj 0;g dk i;kx dj o/khdj.k fd;k x;k ftll thu vfHk0;fDr v/;;uk e mud fj;y Vkbe vui;kx gr ekx i'kLr gvkA

:fcLdk ykt j lc;fuV ¼*rbcL*½ thu gr vuØe vfHky{k.k % okR;k fo'y"k.k }kjk vke d 12 fdLek e :fcLdk ykt j L;cfuV ¼rbcL½ thu dk fu:fir dju oky 1200 bp Mh ,u , v'k d ,fElydku vuØe dh CykLV 0;k[;k dh x;h ftll U;fDy;kVkbM vuØe dk Dykjklykv thu gkuk lfuf'pr gvkA cp DNA d rbcL thu d vuØe vfHky{k.k l fofHkUu vofLFkfr;k e Vkl olu vkj@;k Vkft'ku d :ie vrj dh lHkkoukvk dk irk pyk g tk fo'k"k idkj d fdLek ¼fodfl r fdLek½ tl fd yxMk ;k vyQkUlk d vfHky{k.k d leu:igA vU; fdLek d ekeyk e vkf'kd thu dh li.k yckb e ; vuØe ljf{kr ik, x,A rbcL thu d 100 clt vkf'kd {k=k e yxHkx pkj LFkkuk ij G l A rd lHkkfor Vkl olun[kk x;kA blh idkj yxMk e fof'k"V vfHky{k.k d :ie dfri; fo'k"k vofLFkfr;k ij T l A Vkft'ku ik;k x;k ¼vkdfr 2½A bu ifj.kkek l , l ,u ih ekdjk dh igpku dh lHkkouk dk irk pyrk gA

ldj.k rFkk lrfr eY;kdu

o"k 2013 d nkjku 9950 i"i xPNk ij 17&l;ktuk dk i;kx dj 44761 i"ik dk ijkx.k fd;k x;k ¼rkfydk 1½A 2011&2012 d nkjku djk, x, ldj.k l vke d dy 264 cht ikIr g,] ftue l 179 ik/k ikIr fd, x,A rFkkfi] ,d fr;d&l;ktu ¼Økl dfEcu'ku½ l Qy ikIr ugh fd;k tk ldk ¼rkfydk 2½A

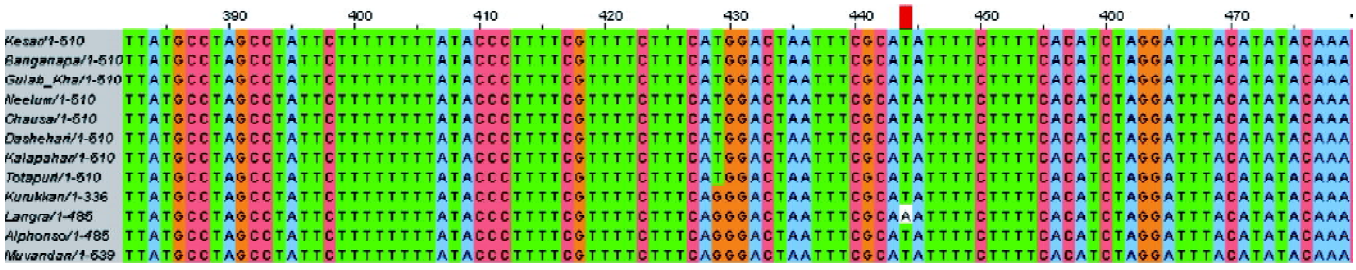
ldj ik/kk dh LFkkiuk % 2010&11 e 19 ldj l;ktuk l 350 ldj ik/k mRiUu fd, x, ftudk ,Q&1 lrfr dk eY;kdu dju d fy, i{k=k e jki.k fd;k x;kA budk mí'; x.koÙkk] fNyd dk jx] ckukiu rFkk tMk e vtfod ink Fkk d ifr ifrjk/k rFkk xEek ifrjk/k {kerk t l vfHky{k.kk dk lof/kr djuk FkkA

ldj ik/kk dk eY;kdu % o"k e 925 ldj ik/kk dk Qy d Hkkj] yckb] pkMkb rFkk ekVkb] fNyd dk Hkkj] xByh dk Hkkj] xnk ifr'kr] xByh dh yckb] pkMkb] ekVkb rFkk dy ?kyu'khy ink Fk d fy, eY;kdu fd;k x;kA

idn ¼eyoUr½ ekudhdj.k

cg&Hk.kh; vokflr;k l tuu vkuof'kd lslkèkuk dk lo/ku

,u ch ih th vkj d {k=kh; dn] f=klj l e[; :i l cg&Hk.kh; idkj d vke dh 28 vokflr;k rFkk ,dy Hk.kh; idkj dh 2 vokflr;k dk lxg.k fd;k x;kA uljh e 9 vokflr;k d hxByh l ik/k fodfl r fd, x, rFkk 26 vokflr;k l dye r;kj fd, x, ftUg idn ¼eyoUr½ chfMx dk;Øe e i;kx d fy, uljh e vujf{kr fd;k x;kA



vkdfr 2% yxMk e n'kk;k x;k *rbcl* x.k fo'k"krk d lhDol fofo/krk

rkfydk 1% 2013 dsnkjkufd, x, lqdj.k

Øe l-	Økl dfEcu'ku ¼fr;qd lq;ktu½	lqdj.k grq iz;Dr i"i xPN	Qyksa dh lq[;k
1	vfEcdk x ll'ku	200	879
2	vkeikyh x v#fudk	374	1586
3	vkeikyh x Vkeh ,VfdUl	1500	7127
4	vkeikyh x oujkt	250	1140
5	v#fudk x ll'ku	50	208
6	clikdkb x 13&1	273	1051
7	n'kgjh x v#fudk	1139	5300
8	n'kgjh x ll'ku	480	2490
9	n'kgjh x 'kkjnk Hkkx	1070	5182
10	n'kgjh x Vkeh ,VfdUl	1327	5777
11	n'kgjh x rkrk ijh	1050	4912
12	n'kgjh x oujkt	853	3522
13	xkok x 13&1	338	1443
14	uhye x v#fudk	320	1491
15	fQyhikbuk x 13&1	300	1258
16	rkrkijh x ll'ku	12	63
17	rkrkijh x Vkeh ,VfdUl	313	1332
	dy	**9950**	**44761**

rkfydk2 %2012&13 dsnkSjku fd, x, lalj.k lseYyhdau gsdq af/kZ lalj fdLesa

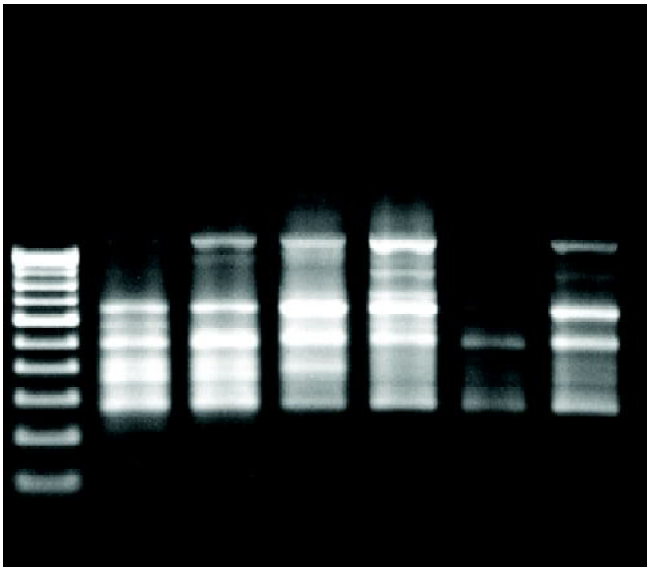
Øe l-	Økl dfEcu'ku	iz;Dr i"i xPNksa dh lq[;k	lqdfjr i"iksa dh lq[;k	ikIr Qyksa dh lq[;k	ikIr iuq;ktuksa ¼fjdfcuV½ dh l-
1	vfEcdk x ll'ku	1150	5440	50	42
2	vkeikyh x Vkeh ,VfdUl	750	3545	33	29
3	n'kgjh x vfEcdk	300	1361	11	9
4	n'kgjh x v#fudk	600	2236	10	9
5	n'kgjh x ll'ku	350	1577	65	9
6	n'kgjh x Vkeh ,VfdUl	1000	3838	42	39
7	n'kgjh x oujkt	500	1802	6	3
8	uhye x v#fudk	200	1000	20	16
9	uhye x ll'ku	100	334	&	&
10	uhye x Vkeh ,VfdUl	473	2055	27	23
	dy	**5423**	**23188**	**264**	**179**

yo.krk ifrcy lq lárk dh lqc/k eeY;kdu

2012&13 d nkjku cg&Hk.kh; ik/k] mnkgj.k d fy, *13&1*] clikdkb] pndj.k] xkok] fdpukj] d#Dd.k] eonu] uDdkj] vkyj] ihp] fQfyikbuk] LVkpj rFkk oykbdkycu dk yo.k ifrjk/k vfHky{k.kk d v/; ;ugr mxk;k x;kA pfd bu ik/kksa i.k tM i.kkyh fodflr ugh gbg vr% xeyksa mxk, x, nks"k dh vk; d cg&Hk.kh; ik/kk t l fd clikdkb] xkok] d#Ddu] ekbyifyt;u] eonu] uDdkj vkj oykbdkycu d lnHk e yo.krk lfg".krk d ifr vufØ;k dk v/; ;u fd;k x;kA

iÙk rFkk ru d 'k"d ck;kekl ij yo.krk mipkj dk udkjkRed iHkko iMk ft ll ;g Kkr gvk fd uDdkj rFkk

d#Ddu e lkfM;e Dykjkb M yo.krk d vrxr ck;kekl e de deh inf'kr gbA EC 2 dS ifr ehVj ij bu nkuk fdLek e 'k"d tM dk ck;kekl vf/kd Fkk ft le EC d mPp Lrjk ij fxjkoV n[kh x;hA bu fdLek e yo.krk ifrcy d v/khu idk'k l'y"kh o.kd dh fufgr ek=kk ¼1-20 mg/g FW½] fof'k"V iÙkk Hkkj ¼1-85 fe-xk-@ox l-eh-½] ty dh lkif{kd fufgr ek=kk ¼60 ifr'kr½ Hkh vU; fdLek e ik, tku oky lxr ekuk ¼0-80 fe-xk-@xke FW, 1.00 fe-xk-@ox l-eh- vkj 40 ifr'kr½ dh ryuk e mPp ik;k x;kA ,fV vkfD lMfVo ,tkbek vFkkr dVkyt vkj ij&vkfDlMt dk Hkh eY;kdu fd;k x;k rFkk ifrcy dk mRiUu dju oky dkjdk d v/khu 15 fnuk rd j[ku d ckn uDdkj e vU; fdLek dh ryuk e dVkyt ¼8-75&10-85 ;fuV ifr fe-xk- ikVhu½ vkj ij&vkfDlMt ¼10-5&16-5 ;fuV ifr fe-xk- ikVhu½ dk mPp Lrj nt fd;k x;kA bl le; rd vf/kdk'k fdLek e f>Yyh LFkkf;Ro lpdkd ¼,e ,l vkb½ ¼94&75 ifr'kr½ rFkk Dykjkf Qy dh ifrnhfIr e dkQh vf/kd deh ¼0-810&0-11 Fv/Fm½ ik;h x;hA bl fo'y"k.k e uDdkj e f>Yyh LFkkf;Ro lpdkd ¼94&75 ifr'kr½ rFkk Dykjkf Qy ifrnhfIr ¼0-750&0-810½ d mPp eku inf'krg,]ftlls ;gKkr gvkfd vke dh ;g fdLe yo.krk ifrcyk d fo#) vklr lgu'khy gA Xykblhufc Vkbu dh ek=kk ½2-01 ekbØkeky ifr xk½ vYikof/k d fy, ¼15 fnuk d ckn½ d fy, of) gb ftld i'pkr yo.krk d Lrj e of) gku d lkFk gh ble /khj&/khj deh gku yxhA



vkdfr 3% vke dh 6 cg&Hkk.kh; vokflr;k e vkb ,l ,l vkj 5 ekdj d io/ku iVu dk ,xkjkl ty ikQkby vkb ,l ,l vkj ekdjk dk i;kx dj cg&Hkk.kh; vokflr;k dk vk.kfod vfHky{k.ku% 14 ikbejk dk i;kx djd vkjfHkd ikbej tkp }kjk 10 vkb ,l ,l vkj ikbejk vFkkr vkb ,l ,l vkj&1] 4] 5] 6] 7] 8] 9] 10] 11] 12 dk p;u fd;k x;kA ikp ikbejk dk i;kx djd 6 cg&Hkk.kh; vokflr;k dk vfHky{k.k fu/kkj.k fd;k x;kA bu foHknh ikbejk dk i;kx ,dy Hk.kh; dk cg&Hkk.kh; fdLek l vyx igpku dju dh {kerk dk vkdyu dju dj fy, Hkh fd;k x;kA

cg&Hkk.kh; vokflr;k e yo.krk ifrcy d ifr lgu'khyrk gr thuk dk vfHkfu/kkj.k

cg&Hkk.kh; vokflr;k e yo.krk ifrcy d ifr lgu'khy thuk dh igpku dju l idn fdLek dh tkp dju gr ekdjk dk fodflr dju e lgk;rk ikIr gk ldrh gA bl ckr dk è;ku e j[krg, 6 cg&Hkk.kh; vokflr;k e thu&fof'k"V ih lh vkj }kjk fo?kVu ikbejk dk i;kx djd thu budkfMx ,fV& vkfDlMV ,tkbek vFkkr ij&vkfDlMt ¼POX½] ,LdkcV ij&vkfDlMt ¼APOX½ rFkk XyVkFkk;ku&,l&VklQjt ¼GST½ dh mifLFkfr dh tkp dh x;hA ij& vkfDlMt ¼POX½] ,LdkcV ij&vkfDlMt ¼APOX½ rFkk XyVkFkk;ku&,l&VklQjt ¼GST½ thuk e Øe'k% 700] 650 vkj 400 bp rFkk 1 kb vkj 380 bp vkf.od vkdkjk e ,fEiydku ik, x, ftlls ,LdkcV ij&vkfDlMt ¼APOX½ rFkk XyVkFkk;ku&,l&VklQjt ¼GST½ thuk enk ,fyyk dh mifLFkfr dk irk pyrk gA bl i;kx l v/;;u fd, x, vokflr;k e bu thuk dh mifLFkfr lfuf'pr gkrh gr Fkkfi] budk lc/k e vkx vkj tkp fd, tku dh vko';drk g ¼vkdfr 3½A

ve:n ¼flfM;e xr tkok ,y-½

tuun0; ldyu] vfHky{k.k&fu/kkj.k rFkk eY;kdu

eyk;e ch t oky] yky jx d Qykoj.k rFkk xykch xn ;Dr Qy d tuun0; ldyu gr fQjk tkckn] cnk;] Q:[kkckn] fcBj] dkuij] Qrgij] dk'kkch d {k=kk e lo{k.k dk;] vk;kft tr fd, x, rFkk bl nkjku ve:n dh 7 vokflr;k lxghr dh x;hftue l 6 vokflr;k jk;ij ¼NÙkh lx<½ rFkk 1 vokflr dk'kkch ¼mÙkj in'k½ l ,df=kr dh x;hA lxghr dh x;h vokflr;k dk QhYM thu cd@,u , th ,l lo/ku gr Dykuh; fof/k l iof/kr fd;k x;kA QhYM thu cd e 6 flfM;e i tkfr;k lfgr 137 vokflr;k dk vujf{kr fd;k tk pdk gA bl vof/k d nkjku QhYM thu cd e vujf{kr

fd, tku dfy, fpfÙknkj] /kkjoky] fxuht] gfj>k] ldj&*1*] dkfgj tke] ukfld] ikfryk] vkj&*2&30*] vkj&*2&31*] jM ¶y'k] jM ¶y'k *3@6*] lxe] LeFk xhu] fLi;j ,flM rFkk Vh&*42@2* itkfr;k dk iuh jki.k fd;k x;kA 20 vokflr;k dk Øe'k% bVj LiflfQd mdBkjkx&jk/kh ldj idn ¼ih-eky x ih- xtkok ,y-½ ij iof/kr fd;k x;kA gLr cgkj Qly dfy, 22 vokflr;k d Qy vfHky{k.kk dk eY;kdu fd;k x;kA xnk ¼iYi½ dh x.koÙkk e l/kkj yku rFkk ijh ltku dfy, r;kj ¼vkj Vh ,l½ i; inkFkk dk r;kj dju dfy, ve:n dh pkj vokflr;k dk eY;kdu fd;k x;kA

jkx ifrjks/k gsrq flfM;e Li-dk vk.kfod vfHky{k.k&fu/kkj.k rFkk Dykjkslykl V thu

dkbfVut] Xydkut rFkk NBS-LRR tk jkxtuu lc) ¼ih vkj½ ikVhu dh egÙoi.k Jf.k;k g] dk Øe'k% 600] 200 vkj 600 bp thu&fof'k"V ih lh vkj io/ku l;Dr ve:n dh rhu itkfr;k e vfHky{k.k fu/kkj.k fd;k x;kA itkfr;k d chp foHknu gsrq Dykjkslykl V thuk trnI, trnF, atp-rbcl, psbB-psbD vkj rps12-20 dk i;kx e yk;k x;kA tkeuh jx d ve:n e lLi"V Vkft'ku rFkk Vkslu x.k n[k x, ¼vkdfr 4½A mi;Dr itkfr;k e rbcL e vuØe vrj dk vè;;u fd;k x;k] ftuesa rktek d lki{k nj ijh{k.k e ,d ckáleg d :i e flfM;e ÝMfjLdFkfy;kue dk i;kx e yk;k x;kA eY;kdu fd, x, vuØek e Vkft'ku@Vkslu nj vuikr 3-158 ¼l;fju½ rFkk 2-66 ¼ikbfjfeMhu½ ik;k x;kA dy 517 fLFkfr;k e l 473 fLFkfr;k }kjk iFkDdu voLFky fu:fir fd, tk ldA

ldj.k

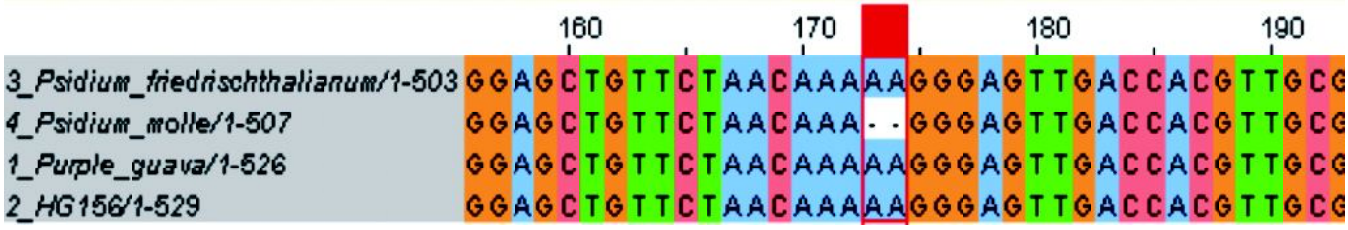
xykch xn rFkk yky jx d fNyd okyh fdLek dk fodflr dju dfy, lh vkb ,l ,p&th&1 x eyf'k;k lhMfyx] lh vkb ,l ,p&th&1 x iiy xvkok] lh vkb ,l ,p&th ,l&35 x iiy xvkok] lh vkb ,l ,p&th ,l&9 x eyf'k;k lhMfyx] xkerhuxj lhMfyx x yfyr] xkerhuxj lhMfyx x eyf'k;k lhMfyx] yfyr x lh vkb ,l ,p&th ,l&9] ,e ih ;] Vh ly II x eyf'k;k lhMfyx] 'ork x lh vkb ,l ,p&th&1] 'ork x iiy xvkok dk 'kkfey djd fofHkUufr;d l;ktuk ¼ØkldfEcu'k½ dk mi;kxgvk rFkk ikIr iktuh dk eY;kdu gsrq jkfir fd;k x;kgA

o"k dnkjku i{k=k e lh vkb ,l ,p&th&5 x lh vkb ,l ,p&th ,l&9 ¼39½] lh vkb ,l ,p&,p th&415 x yfyr ¼60½] yfyr x lh vkb ,l ,p&th&1 ¼342½] yfyr x lh vkb ,l ,p&th ,l&9 ¼40½] yfyr x iiy xvkok ¼224½ vkj 'ork x yfyr ¼17½ d fofHkUu ldj ik/kk ¼dy 722½ dk jki.k fd;k x;kA ve:n dh 151 ldj fdLek e Qy d Hkkj] dy ?kyu'khy inkFk] fNyd rFkk xn dk jx] dfyDl dfoVh] cht d ie[k Hkkx dk 0;kl] xn dh ekVkb] iR;d Qy e cht k dh l[;k rFkk cht dh dBkjrk tl vfHky{k.kk dk vfHkyf{kr fd;k x;kA yfyr rFkk iiy xvkok d ldj.k l ikIr fdLe e vfèkdk'k lrfr;k xykch xnnkj ve:nk dh FkhA vf/kdk'kr% xn dk jx] pfd cht dh dBkjrk l tMk gkrk g] vr% ldj lrfr;k dk cht dh dBkjrk d vk/kkj ij vyx fd;k x;k rFkk 151 fdLek e l 4 fdLek e cht dh dBkjrk dk eku 6-11&8-87 fd-xk- ifrox l-eh- d chp ik;k x;kA

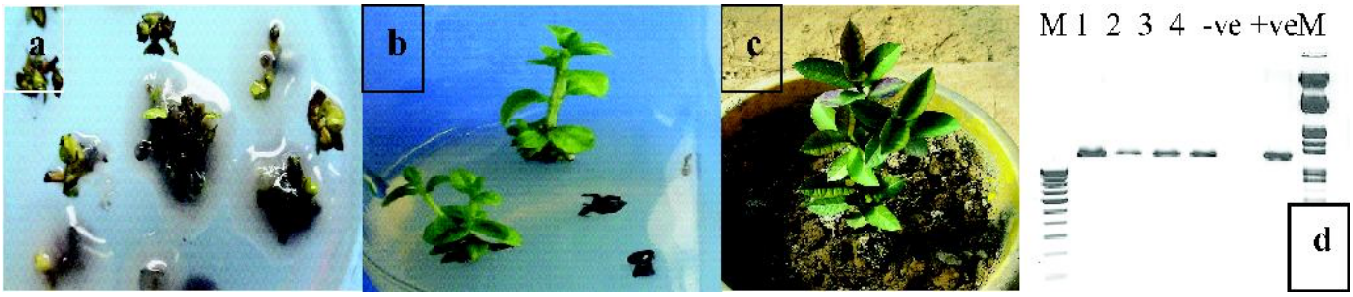
mdBk jkx ifrjks/k d fy, ikjthuh; ve:n dk fodkl

Vkbdkl Mek gkft;kue ,UMkdkbVhut thu }kjk ve:n e vuokfU'kd :ikUrj.k

,Mkdkbfvut rFkk npt-II thuk l;Dr ckbujh oDVj pIIHR-JBMch dk /kkfjr dju oky ,xkcDVfj;e V;eQf'k;Ul LVu LBA 4404 d lkFk mxkdj i;kx'kkyk Lrj ij mxk, x, ijkg d Åijh fgLl l ikIr thfor Årdk ¼,DllykV½ dk i;kx djd igyh ckj ve:n dh itkfr flfM;e xtkok ,y- e vkuof'kd cnyko fd;k x;kA bu Årdk dk d.kRoj.k i.kkyh d tfj, VxLVu d.kk ¼0-5 ekbØk ehVj½ l igkj dj vkj rRi'pkr ,xk&cDVhfj;e



vkdfr 4 ¼ trnL e vuØe vrj



vkdfr 5% *VkbdkMek gft;kue ,MkdkbfVut* thu dh lgk;rk l ve:n e vkuof'kd :ikrj.k ¼d½] 100 fexk@1 duk ekblhu ij ijkg dk p;u ¼[k½] :ikrfjr ik/kk dk ifjfLFkfr vudy vkj ¼x½ :ikrfjr ik/kk l *,MkdkfVut* fof'k"V cMk dk ioèku

rkfydk 3% l{e oky dk :ikrj.k n{krk ij dk iHkko

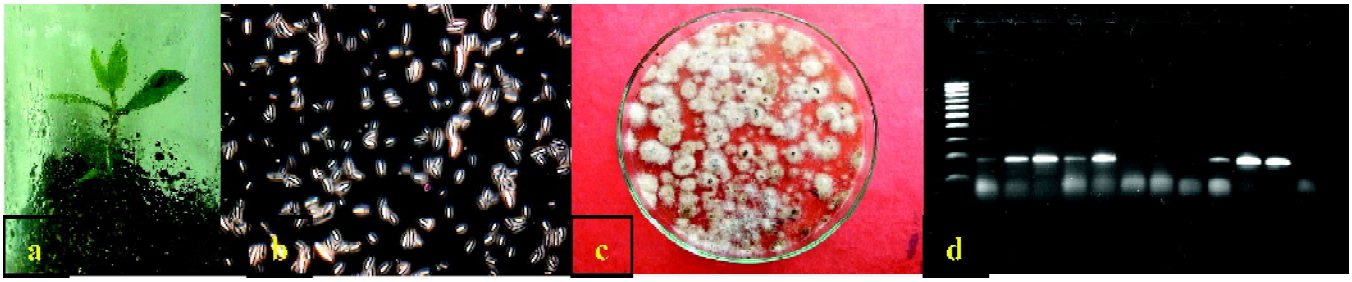
{kfr igpku dh fof/k;k	yf{kr ,DllykV dh l[;k	dukekblhu ifrjk/kh ijkg ¼%½	:ikrj.k n{krk ¼%½
dkb {kfr ugh	150	0-00 $ 0-00[d]	0-00 $ 0-00[d]
flfydu dkckbM d ek/;e e l{e i{ki d dkj.k {kfr	150	3-00 $ 0-57[lk]	2-00 $ 1-15[d[k]
VxLVu d ek/;e e l{e i{ki d dkj.k {kfr	150	6-33 $ 0-88[x]	4-66 $ 0-6[lk]
ijkg d efjLVe ¼foHkT;krd½ e [kjkp mRiUu gkuk	150	2-00 $ 0-57[lk]	1-33 $ &0-6[d[k]

vyx&vyx v{kjk ¼Åij dh vkj fy[k x,½ l ;Dr iR;d dkye e vklr eku lkf[;dh :i l lkFkd fHkUu g (p< 0.05) Mdu dk u;k eYVhiy jt ijh{k.k

V;eQf'k;Ul l 45 feuVk rd lØfer dj ft l OD_{600} = 0.5 d lxr 100 ekbØk ehVj ,flVkflfjxku d lkFk jkrHkj lof/kr fd;k x;k vkj rRi'pkr dk&dYVho'ku ek/;e ¼MS+100 ekbØk ehVj ,flVkflfjxku $ 100 fe-xk- ifr yhVj L-flLVhu½ e v/kj e 72 ?kV rd j[k tku ij lokf/kd vkuof'kd :ikrj.k n{krk iklr dh x;hA ; ,DllykV 12 llrkgk rd 200 fe-xk- ifr yhVj dukekblhu l ;Dr p;u ek/;e e ijkgk dk iu#Riknu inf'kr dju e lQy g,A ih lh vkj }kjkVk lQkeVk d vkf.od fo'y"k.k l ik/k d dndh; thuke e ,MkdkbfVut rFkk npt-II thu d ledu dh if"V gb ¼rkfydk 3 vkj vkdfr 5½A

¶;tfj;e vkfDlLikje ,Q- Lifl t lkbMh d ifr V'k lQkeUVk ¼:ikrj dkj dk½ dk i;kx'kkyk ifjfLFkfr;k e vuoh{k.k

dkdk ihV e mxk, x, ve:n d:ikrfjr ik/kk dk ¶;tfj;e vkfDlLikje ,Q-Lifl t-lkbMh d 7 fnu ijku lo/k ¼6 x 10[&6]½ l lpkfjr fd;k x;kA dkdk ihV e lpkfjr vo;ok dh mifLFkfr dh ikVVk MDLVk t vxj ek/;e dk i;kx djd ih-lh-vkj- dh fof/k }kjk if"V dh x;hA mdBkjkx d dkjd jkxtud dh vdkfjdh; rFkk l{en'kh }kjk i{k.k d vk/kkj ij igpku dh x;hA ¶;tfj;e d Mh ,u , dk dkdk ihV l foyxfr fd;k x;kA ikbejk d ,d fof'k"V lePp; BKP-1 (5'-AAAACGGTCTCGGAGGGTAT-3') vkj

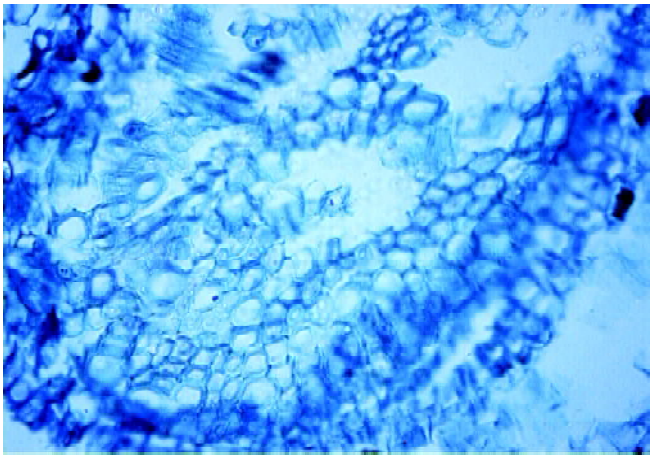


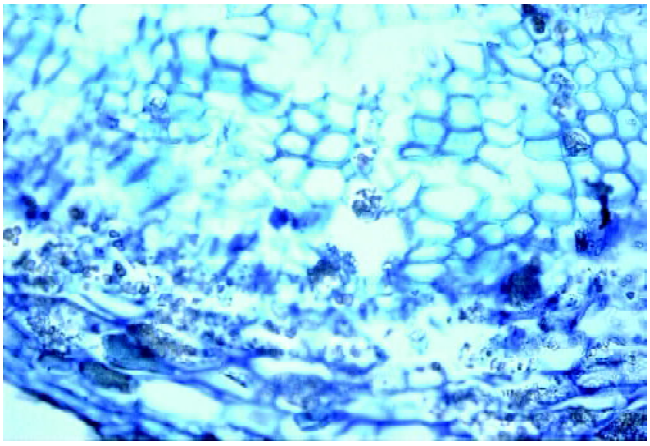
vkdfr 6% Ng ekg dh vk; oky ikjthuh; ve:n d ik/k e *¶;tfj;e vkfDlLikje* ,Q- Lifl t- *lkbMh* dk lpkj.k ¼d½] loèk lClVV dk l{en'kh dh lgk;rk l i{k.k ¼[k½ vkj ,Q- vkfDlLikje dk iu% foyxu ¼x½ vkj *¶;tfj;e vkfDlLikje* ,Q- Lifl t- *lkbMh* d vkbVh,l {k= ¼183 bp½ dk io/ku ¼?k½

BKP-2(5'-GGGAAGGT-CGATGACCACTA-3') dk i;kx djd ¶;tfj;e vkDlhLikje ,Q-Lifl t- lkbMh d vkbVh,l {k=k dk ,EiyhQkbfd;kx;kA rFkkfi] ik/kke mdBk jkx dh mifLFkfr dk dkby{k.k nt ugh fd;k tk ldk ¼vkdfr 6½A

ikjthuh; ve:n dk Ård h; fodfr lq jpuk v/;;u

ikjthuh; rFkk vikjthuh; ik/kke ¶;tfj;e d vkØe.k d i'pkr ik/ke gku oky Ård jpukRed ifjorukdh tkp dju d fy, fgLVk&jkx oKkfud v/;;u fd;k x;kA tM d vuiLFk ifjPNn e Ård d vkdfr rFkk eki dh i:fid fo'k"krk, n[kh xbA lkekU; ik/k dh tM d Ård k d vuiLFk ifjPNn e loguh cMyk d Hkhrj dkb Hkh ekb lhfy;k@Likj fn[kkb ugh fn;k tcfd ikjthuh; ik/k dh tMk d vuiLFk ifjPNn e lxoguh cMyk d pkjk vkj enrdh dkf'kdkvk dk fodr foU;kl rFkk mudk jx foylr gk tkuk n[kk x;k ¼vkdfr 7½A bl lc/k e vkx vkj v/;;u fd;k tk jgk gA





vkdfr 7½ ve:n d vikjthuh; ¼ck,½ rFkk ikjthuh; ik/kk ¼nk,½ dh tMk e Ård h; fodfr ljpuk vUrj

iihrk ¼dfjdk iik;k ,y-½

okf.kfT;d egÙo d xkbukMk;k,f'k;l iihrk fdLek e LFkk;h mHk;fyxh i:dkj d iihr dk fodkl

igpkuh x;h fdLek dk flc efVx ¼lgknj lxe½

iihrk e igpkuh x;h fof'k"V fdLek dh vkuof'kd 'k) rk dk cuk, j[ku d mí';lfu;f=kr ijkx.k ifØ;k }kjk ch tk dk mRiknu fd;k x;kA ch tk d mRiknu d fy, iihrk d rhu fdLek ilk Mfyfl;l] *CO-7* rFkk ilk uUgk dk flc efVx ¼lgknj lxe½ djk;k x;kA lgknj lxe l ikIr dy 369 Qyk e l 240 Qyk ¼65-04 ifr'kr½ l Qy ikIr fd, x,A ifr Qy rk t ch t dk Hkkj 10-8 l 42-5 xke d chp jgkA rFkkfi] lHkh fdLek e iR;d Qy e 'k"d ch t Hkkj 1-10 l 8-17 xke d chp jgkA ilk Mfyfl;l vkj ilk uUgk e ifr Qy rk tk rFkk 'k"d ch t Hkkj Øe'k% 42-5 xke vkj 8-17 xke n t fd;k x;k tcfd dYVhokj *CO-7* e 100 ch t Hkkj ¼17-41 xke½ vf/kdre ik;k x;kA

i"i.k rFkk Qy mRiknu l:ci/kh vkpj.k

pu x, lHkh fdLek e Qyk d MBy dk jx gYdk gjk ik;k x;k rFkk ilk Mfyfl;l] *CO-7* vkj ilk uUgk d eknk Qyk e MBy dh yckb e dN vrj n[kk x;k tk Øe'k% 4-1] 3-2 vkj 3-0 l-eh-n t fd;k x;kA *CO*&7 rFkk ilk Mfyfl;l e uj i"ie ny i t dh ufydk dk jx gYdk gjk tcfd ilk uUgk e gjkiufy,g, ihy jx dh ny i t ufydk n[kh x;hA ilk Mfyfl;l e eknk i"i dh ny i t ufydk gjkiufy, g, ihy jx dh] ilk uUgk e gyd ihy jx dh rFkk *CO*&7 e ihy jx dh ik;h x;hAuj i"ie ny i t dh yckb 1-5 ¼*CO*&7½ l ydj 1-92 l-eh-¼ilk uUgk½ Kkr dh x;hA ilk uUgk] ilk Mfyfl;l vkj *CO*&7 e ifr vklfèkuj i"ik dh l[;k Øe'k% 72-6] 118 vkj 403 Kkr gb tcfd ilk uUgk] *CO*&7 vkj ilk Mfyfl;l e ifr vklf/keknk i"ik dh l[;k Øe'k% 2-5] 3 vkj 3-4 ik;h x;hA igyh ckj yx Qyk dh U;ure Åpkb ilk uUgk e 35-8 l-eh- Kkr dh x;h ft ld ckn *CO*&7 ¼45-33 l-eh-½ vkj ilk Mfyfl;l ¼60-0 l-eh-½ ik;h x;hA

Qy dh x.koÙkk rFkk mRikndrk

ifr vklf/k Qyk dh l[;k 2 l ydj 3 rd ik;h x;hA rFkkfi] *CO*&7 e ifr ik/kk Qyk dh l[;k vf/kdre 75 tcfd

ilk uUgk e ;g l[;k U;ure 43 ikIr gbA Qy dk Hkkj 1-20 l ydj 2-25 fd-xk- d chp jgkA *CO*&7 e vf/kdre Qy Hkkj 2-25 fd-xk- nt fd;k x;k tcfd ilk uUgk e Qy dk U;ure Hkkj 1-20 fd-xk- Kkr gvkA dN pu x, fdLek d lcèk e Qy dh yckbZ rFkk pkMkbZ dk eY;kdu fd;k x;k ft l l Qy dh yckbZ 16-3 l 19-6 l-eh- rFkk pkMkbZ 11-5 l 14-63 l-eh- d chp Kkr gbZ rFkk ilk Mfyfl ;l e lcl cM vkdkj dk Qy nt fd;k x;kA *CO*&7 e xn dh ekVkbZ vfèkdre ¼3-16 l-eh-½ rFkk ilk uUgk e U;ure ½2-74 l-eh-½ Kkr gbA *CO*&7 e ch t xgk vf/kdre ¼8-9 l-eh-½ rFkk ilk uUgk e U;ure ¼6-6 l-eh-½ ik;h x;hA dy foy;'khy Bkl inkFkk dh ek=kk 8-6 l ydj 11-2° fcDl d chp jghA *CO*&7 e dy ?kyu'khy Bkl inkFkk ¼Vh ,l ,l½ dh vf/kdre ek=kk 11-2° fcDl nt dh x;h tcfd ilk uUgk e Vh ,l ,l dk eku U;ure ¼8-6° fcDl½ Kkr gvkA bu fdLek e ifr ik/kk Qy dk mRiknu 41-4 l 62-25 fd-xk- nt fd;k x;kA *CO*&7 e ifr ik/kk Qy dk mRiknu vf/kdre ¼62-25 fd-xk-½ nt fd;k x;k tcfd ilk uUgk e bldh U;ure ek=kk ¼41-40 fd-xk-½ Kkr gbA

ih vkj ,l oh ifrjks/k gsrq vkuoaf'kd :ikarj.k

iihrk e ih vkj ,l oh ifrjks/k {kerk ikIr djus d fy, RNAi d ek/;e e thu lkbyfl x

iihrk dh fdLe ilk Mfyfl ;l d 1000 Hk.kh; xYek e ,xkcDVhfj;e d ek/;e e cnyko dk i;kx djd CaMv S35 ikekVj }kjk ckbujh oDVj pCAMBIA 2300 rFkk ekdjeDr VdVM dkV ikVhu }kjk ifjr PRSV Tr-CP ¼341 bp½ thu d ekdjeDr g;j fiu dLVDV dk tVk;k x;k ¼vkdfr&8½A g;j fiu dlV l VkIQDVM 180 Hk.kh; xYek rFkk VdVM dkV ikVhu thu;Dr 160 Hk.kh; xYek dk ikfy,fFkyhu Xykbdky ¼45 fe-xk- ifr yhVj½ ij ifjiDo fd;k x;kA dfYir VkIQkeV i;kx'kkyk dh ifjfLFkfr;k d vrxr fodkl dh fofHkUu voLFkkvk e gA vc rd 14 dfYir VkIQkeVk e tM mRiUu gvk g rFkk mUgku ifjfLFkfr;k d vulkj Lo;a dk vudfyr dj fy;k g ¼bue l 8 ik/k g;j fiu dlV l rFkk 6 ik/k dkV ikVhu thu l lØfer fd, x,½A

yhph ¼yhph pkbuafl l lku½

vk.kfod vfHky{k.k

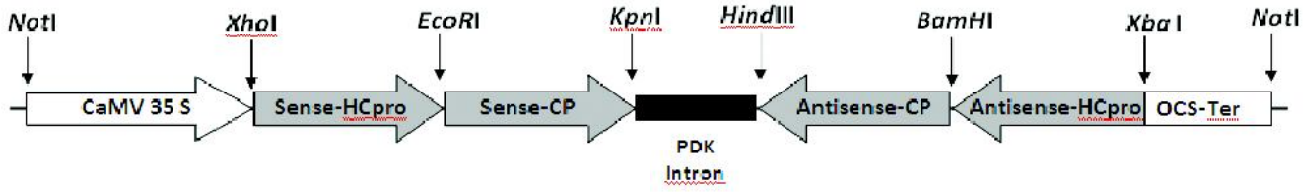
yhph fdLek e ekbØk lVykbV vk/kkfjr ckjdkfMx

lLFkku e ;g fØ;kdyki ,u vkj lh yhph }kjk fo'k"k vujk/k fd, tku ij oKkfud lgk;rk rFkk vrj&lLFkku lg;kx d :i e fd;k x;kA ekbØk lVykbV ekdjk }kjk lftr vyhyk dk fp=kkRedfu:i.k ekbØk lVykbV vkèkkfjr ckjdkfMx fof'k"V fdLek dh igpku dju d fy, vk.kfod fQxjfifVx d :i e dk;Z djrk gD;kfd ,lh fLFkfr e iR;d dYVhoj d ckjdkM dk ,d fof'k"V iVu gkrk gA yhph d 20 okf.kfT;d fdLek dk 6 cg:ih ekbØk lVykbV ¼SSR rFkk ISSR½ ekdjk l ;Dr ekbØk lVykbV vk/kkfjr ckjdkMk d mRiknu d fy, i;kx e yk;k x;k ¼vkdfr 9½A iR;d ckj ¼'ykdk½ fof'k"V LFkku ij vyhyk dh mifLFkfr dk fu:fir djrk gA ;ckj dkM fQj l fufer fd, tk ldrk gD;kfd fdlh fof'k"V dYVhoj d fy, ikIr iVu leku gkxk ;fn mlh LFkku ij tkp dh tk, rFkk vyhyk d vk/kkj ij doy ckjk ¼'ykdkvk½ dh vofLFkfr e cnyko yk;k tk,A

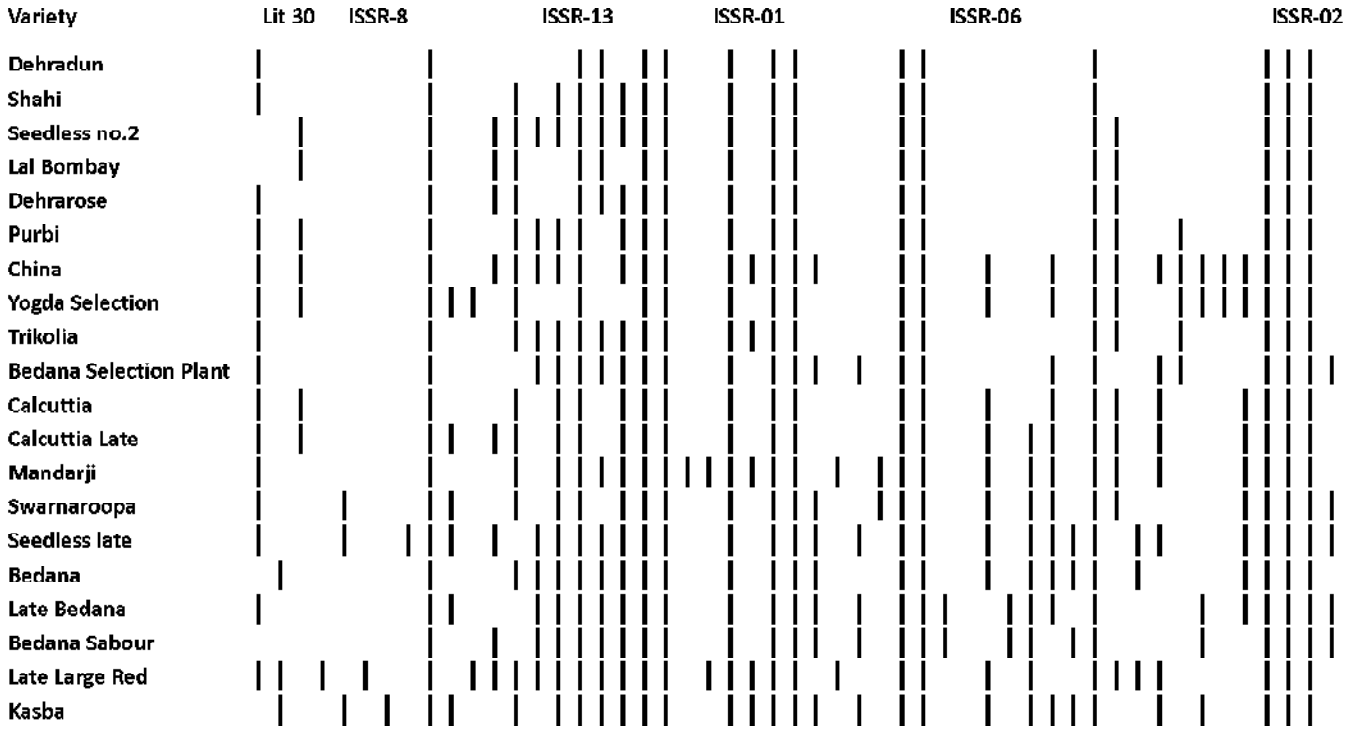
vkoyk ¼,Ecfydk vkfQflufyl xVu-½

tuun0; lxg.k

o"k d nkjku e/; in'k d dVuh] flouh] cry vkj tcyijftyke cMQy vkdkj] vf/kd mRiknu] vf/kd l[;k rFkk fu;fer :i e ,Ldkfcd ,flM rFkk ikfyQhuky dh mPp ek=kk l ;Dr Qy mRiknu l lcf/kr x.kk d ik/k dh igpku dju d fy, ,d lo{k.k dk;Z fd;k x;kA bld ifj.kkeLo:i



vkdfr 8% g;j fiu yi VdVM dkV ikVhu thu dLVDV ¼vkb ,vkj vkb] ub fnYyh }kjk lk>k½



vkdfr 9% yhph e ekbØk lVykbV vk/kkfjr ckjdkfMx

lo{k.k LFkyk ij dy 16 fdLek dh igpku gbA fofHkUu vokflr;k e Qy d Hkkj ¼11-50&41-60 xke½ Qy dh yckb ½2-2&3-7 l-eh-½ Qy dh pkMkb ¼1-6&3-8 l-eh-½ xn dk Hkkj ¼10-50&40-4 xke½ xByh dk Hkkj ¼0-9&2-3 xke½ xByh dh yckb ¼1-2&1-8 l-eh-½ vkj xByh dh pkMkb ¼1-1&1-6 l-eh-½ dy ?kyu'khy inkFk ¼7-7&10-0° fcD l½ vEyrk ¼1-35&2-58 ifr'kr½ ,Ldkfcd ,flM ¼283-40&396-77 fe-xk-@100 xke xnk½ vipk;h 'kdjk ¼1-45&3-56 ifr'kr½ dy 'kdjk ¼5-02&6-44 ifr'kr½ rFk Vfuu½2-44&3-80 ifr'kr½ d lnHke i;kIr vrjn[kk x;kA lexeY;kduk d vk/kkj ij pkj vokflr;k] tk fd fNnokMk fty d xko [kVh] pkMkb ikyokjk] xko [kVh vkj xko ivkek l ikIr dh x;h] vk'ktud Fkh] vkj budh 2013 d Qy ekle d nkjku if"V dh tk,xhA

tuun;0; eY;kdu

e/; in'k d fofHkUu {k=kk l ,d=k fd, x, vkoyk dh 22 vokflr;k dk eY;kdu fd;k x;k vkj mudk ikp okf.kfT;d fdLek vFkkr *NA-6, NA-7, NA-10,* d".kk vkj dpu d lkFk i{k=k e jki.kfd;k x;kA lh vkb ,l ,p&,&4 e ik/k dh vfèkdre Åpkb ¼6-71 ehVj½ nt gb vkj mld ckn lh vkb ,l ,p&,&15 ¼6-30 ehVj½ dh Åpkb dk Øe ikIr gvk rFkk ik/k dh U;ure Åpkb ¼1-89 ehVj½ *NA-6* e n[kh x;hA lh vkb ,l ,p&,&19 e ik/k d ru dk ?kjk ¼62-19 l-eh-½ lcl vf/kd ik;kx;k tcfd ,u ,&6 e bldk eku U;ure ½21-22 l-eh-½ Kkr gvkA vokflr lh vkb ,l ,p&,&19 e nkuk fn'kkvk ¼io&if'pe rFkk mÙkj&nf{k.k fn'kkvk½ e ikèk dk vf/kdre Qyko ¼6-55 ehVj vkj 6-70 ehVj½ nt fd;k x;k tcfd d".kk d lc/k e bldk eku U;ure ½2-15 vkj 2-22 ehVj½ nt fd;k x;kA lxghr 22 vokflr;k e l 14 vokflr;k e o"kd nkjku Qy yxA lh vkb ,l ,p&,&19 e Qy dh vf/kdre mit ¼ifr iM 7-30 fd-xk-½ ikIr gb ft ld ckn lh vkb ,l ,p&,&13 ¼ifr iM 6-80 fd-xk-½ dk Øe Fkk tcfd U;ure mit ¼4-36 fd-xk- ifr iM½ lh vkb ,l ,p&,&3 e Kkr gvkA fofHkUu vokflr;k e Qy dk otu 24-37 l 41-98 xke d chp jgk rFkk bldk eku d".kk e vfèkdre ik;kx;kA fofHkUu vokflr;k e Qy dh yckb ½2-9 l ydj 3-9 l-eh-½ d chp] Qy dh pkMkb ½2-7 l 4-1 l-eh-½ nt dh x;hA lfUudV l?kVue dy ?kyu'khy inkFk ¼Vh ,l ,l½ dh fufgr ek=kk ¼9-4 l 10-7° fcD l½ vEyrk ¼1-52 l 2-81 ifr'kr½ ikfyQhuky ¼0-478&1-448 TAEg/100 xke½ ,Q vkj , ih eku ¼103-11&225-75 fe-xk- ifr xke Qjl lYQV½ rFkk ,Ldkfcd ,flM ¼302-21&433-11 fe-xk- ifr 100 xke xnk½ dh ek=kk fofHkUu vokflr;k e nt gbA

cy ¼,fty ejeykl dkfj;k-½

tuun0; ipi/ku] lidyu ,oa eY;kdu

QhYM thucdeeY;kdu dfy, cy dh 36 vkflr;k dk jki.k fd;k x;kA ik/k dh Åpkb 0-53&5-91 eh- d chp rFkk ru dk?kjk 8-23&66-13 l-eh- d chp n[kk x;kA ik/k dk Qyko ioe 0-56&6-33 ehVj l ydj if'peo 0-66&5-43 ehVj d chp Kkr gvkA mÙkj fn'kk e Qyko 0-19&2-92 ehVj tcfd nf{k.k fn'kk e 0-25& 3-01 ehVj d chp ik;k x;kA 12 vkflr;k e Qy yx rFkk ikIr Qyk dk lfUudV l?kVu gr fo'y"k.k fd;k x;kA fofHkUu vkflr;k e Qy d Hkkj ¼0-83&2-36 fd-xk-½] vkdfr ¼xky l ydj vMkdkj½] Qy dh yckb ¼7-76 l ydj 17-52 l-eh-½] Qy dh ifjf/k ¼29-04&61-02 l-eh-½] ch t e dk"Bdk dh l[;k ¼10-33&16-33½] ch t d Åijh fNyd dk Hkkj ¼0-10&0-87 fd-xk-½] Åijh fNyd dh ekVkb ½2-01&5-23 feeh½] ch tk dh l[;k ¼36&210½] ch t Hkkj ¼3-66&16-56 xke½] xn dk Hkkj ¼0-458&0-893 fd-xk-½] Vh ,l ,l ½26-16&44-50° fcD l½] vuekiuh; vEyrk ¼0-34&0-60 ifr'kr½] ,Ldkfcd ,flM ¼5-77&18-09 fe-xk- ifr 100 xke xnk½] dy 'kdjk ¼13-62&23-51 ifr'kr½] vipk;h 'kdjk ¼6-93&10-64 ifr'kr½] vukipk;h 'kdjk ¼8-24&14-32 ifr'kr½] dy djkfVukbM ¼1-44&2-81 fe-xk-@100 xke xnk½ vkj Vfuu ½2-02&4-57 ifr'kr½ d lnHk e vrjnt fd;k x;kA o"k 2003 d nkjku mÙkj in'k] fcgkj vkj >kj[kM l ,d=k fd, x, cy d l{ke tuun0; dk i{k=k e jki.k fd;k x;k Fkk] ftudk fodkl ijkehVjk d lc/k e eY;kdu fd;k x;kA ikIr ekuk e bu lrfr;k e ik/k dh Åpkb ½2-90&7-80 ehVj½] ?kjk ¼15&65 l-eh-½ vkj iM d vk;ru ¼6-29&17-10 ehVj½ rFkk Qy dh l[;k ¼27&60 ifr iM½ d lnHk e i;kIr vrjn[kk x;kA

_rtfodh rFkk i"ih thofoKku

_rtfodh ?kVuk,a tl iÙk dk fxjuk] iÙk dk mxuk] i"ih dfydk dk mxuk] i"iu rFkk Qy mRiknu d lnHk e cy dh fofHkUu vkflr;k e vrj ik;k x;kA iM yxHkx 265&280 fnuk rd dkf;d fodkl rFkk Qy mRiknu d pj.k e jg ft ld i'pkr FkkM le; d fy, ir>M dk le; vk;k rFkk mld i'pkr i"iu dh vof/k Hkh leifLFkr gb rFkk fofHkUu fdLek e doy dfydkvk d mRiUu gku] i"iu rFkk Qyk d lePp; d lnHk e vrj ik;k x;kA iÙkk d >Mu dh ?kVuk eb d e/; l ydj vfre llrkg d nkjku ?kfVr gb ¼ir>M dk pj.k½ rFkk iÙkk d >Mu d 5&6 fnuk d Hkhrj ub ifÙk;k mx vkb] ft ld i'pkr tu d igy l ydj nlj llrkg d nkjku i"iu dk nkjk 'k: gvk tk 30&45 fnuk rd pykA fdlh ,d gh fdLe e i"i xPN dk vkdkj rFkk i"i xPN e Qyk dh l[;k e vrjn[kk x;kA rFkkfi] ir vi.kk vkj ir l tkrk e ifr i"i xPN Qyk dh l[;k vf/kdre ¼4&21½ n[kh x;h ftl l bue cM vkdkj d i"i inf'krg,A Qyk d vkdkj e vrj dk i"ih; in'ku gr mÙkjnk;h ekuk x;k ftl dh cy dh fofHkUu itkfr;k e ikfyuVj dh ckjEckjrk e vrj dk Kkr dju d fy, tkp fd, tku dh vko';drk gA ,UFkfl l vFkkr i"i d i.kr¼f[ky vkj fØ;k'khy gku dh vof/k lcg 6-00 ct l ydj nkigj rd jgh vkj 8-00 ct lcg ;g voLFkk viupje mRd"k ijn[kh x;hA pje mRd"k dh voLFkk yxHkx 10&30 feuV e lekIr gk x;h rFkk ofrdkx ij ijkxd.kk dk ikIr dju dh fØ;k ,UFkfl l rFkk ijkxdk'k d QVu dh fØ;k lkFk&lkFk gb vkj ;g ifØ;k 24 ?kVk l Hkh vf/kd le; rd pyhA ijkxd.kk dh tfod lfØ;rk e 75 ifr'kr l ydj 95 ifr'kr rd dk vrj ik;k x;k] ijkxd.kk dk vkdkj 30 ekbØk ehVj ¼0;kl½ ik;k x;k tkbl ckr dk lpd gfd ;ijkxd.k gok rFkk dhV l ijkx.k gr vudyuh; gA ikdfrd :i l ijkx dk LFkkukrj.k vR;f/kd n{k ik;k x;k D;kfd fooÙk ijkx.k }kjk Qy lePp; dkQh vf/kd Fkk ,o df=ke :i l ijkx.k dh fLFkfr e dkQh deh ik;h x;hA ijkx.k r=kk d ij&ijkx.k d lkFk&lkFk gku d dkj.k l tkri"ih ijkx.k vFkkr mlh i"ih ik/k ij vU; i"i d ijkxd.kk l ijkx.k dh fLFkfr lkeu vkb rFkk i"i xPNk e Qy lePp; 12-0 l ydj 14-0 ifr'kr rd lhfer jgkA

tkeu ¼flftft ;eD;feuh Ldhy-½

tkeu ¼flftft ;e D;feuh Ldhy-½ d fy, vkdkfjdh; vfHky{k.kk dk n'kku oky dkjdk rFkk Mh ;,l (DUS) ijh{k.k fn'kkfun'kk dk r;kj djuk

fodkl vfHky{k.k

QhYM thucdeejkix, tkeu dh 10 fdLek@vokflr;k dk iM d vfHky{k.kk dk Kkr dju d fy, eY;kdu fd;k x;kA

iM d vfHky{k.k ¼rn#Lrh] Vgfu;k dh ekVkb] ikj dh yckb½

lh vkb,l ,p t&37 e ik/k dh vf/kdre Åpkb ¼4-52 ehVj½ nt dh x;h tcfd lh vkb,l ,p t&42 e bldk

eku U;ure FkkA io&if'pe rFkk mÙkj&nf{k.k fn'kk esa iM dk forku ¼duk ih½ Øe'k% 3-07&5-6 ehVj d chp esa rFkk 3-0&5-7 ehVj d nk; j esa jgkA fofHkUu vokflr ;k@fdLe esa ,d o"k dh vk; oky ijkgk e Vguh dh ekVkb 0-53 l 0-77 l-eh- d chp ik;h x;h tcfd ikj dh yckb 5-1 l ydj 7-2 l-eh- d chp ik;h x;hA ,d o"k dh vk; oky ijkg e Vgfu;k dh vf/kdre ekVkb lh vkb ,l ,p t&42 e 0-77 l-eh- Kkr dh x;hA rFkkfi] lh vkb ,l ,p t&36 e ikj ¼bVjukM½ dh vf/kdre yckb 8-2 l-eh- Kkr dh x;hA

iÙk d vfHky{k.k% ,d o"k dh vk; oky ijkg e Vguh d njLFk Hkkx] e/; Hkkx rFkk leh iLFk Hkkx l vfHky{k.k fu/kkj.k gr iÙkk dh eki yh x;h ftudk ;gk Åijh] e/; rFkk fupy iÙk d : i e mYy[k fd;k x;k gA fofHkUu vokflr ;k@fdLe e Åijh iÙk dh yckb 10-0 l 15-8 l-eh-] e/; iÙk dh yckb 10-08 l 14-6 l-eh- rFkk fupy iÙk dh yckb 6-8 l 11-7 l-eh- nt dh x;h tcfd ,d o"k dh vk; oky ijkg e Åijh iÙk d Qyd dh pkMkb 6-20 l 8-03 l-eh-] e/; iÙk d Qyd dh pkMkb 5-3 l 7-53 l-eh- vkj fupy iÙk dh pkMkb 4-26 l 6-7 l-eh- nt dh x;hA fupy iÙk e i=kkoÙk dh yckb 1-92 l 2-9 l-eh-] e/; iÙk d i=kkoÙk dh yckb 1-5 l 3-0 l-eh- rFkk Åijh iÙk d i=kkoÙk dh yckb 1-0 l 3-0 l-eh- nt dh x;h tcfd Vguh vkj iÙk d Qyd d chp dk dk.k 40-66° l 75-75° d chp Kkr gvkA

iÙk dh vkdfr ¼x.kRed vkrj½ esa tkeu dh fofHkUu vokflr ;k e iÙk dh vkdfr e vrj nt fd;k x;k vFkkr nk vokflr ;k e ;g v.Mkdk] 6 vokflr ;k e nh?k oÙkkdkj rFkk nk vokflr ;k e 0;kid : i l nh?k oÙkkdkj vkdfr Kkr dh x;hA

Qly mRiknu

vke ¼efUt Qkjk bfMdk ,y-½

jki.k l?kurk@forku lqjpuk ifjp;u

iM dh forku ¼duk ih½ lqjpuk] 'kk[kkvk dh NVkb rFkk idk'k dh miyC/krk

20 o"k dh vk; oky n'kgjh vke d iM e Qy dh rMkb ¼tu 2012½ d rRdky ckn 'kk[kkvk dh NVkb vkj flrcj eghu e iDyC;Vk tky d fNMdko dk fefJr ifj.kke lkeu vk;k vkj ekp 2013 e 60 ifr'kr dkf;d ,o 40 ifr'kr i"ih fodkl n[kk x;k tcfd ekp 2012 ¼xr o"k½ d nkjku 50 ifr'kr dkf;d rFkk 50 ifr'kr i"ih fodkl Kkr gvk FkkA nljh vkj] vDrcj 2012 e dh x;h NVkb d dkj.k mRiUu g, ijkg e ekp 2013 e 74-35 ifr'kr dkf;d vkj 25-64 ifr'kr i"ih ijkg mRiUu g, tcfd foxr o"k 57 ifr'kr dkf;d] 32 ifr'kr i"ih vkj 11 ifr'kr fefJr ijkg mRiUu g, FkA ftu iMk e NVkb ugh dh x;h Fkh] mue 18-1 ifr'kr i"ih rFkk 81-9 ifr'kr dkf;d ijkg mRiUu g,A tu vkj vDrcj d eghuk e ftu iMk dh NVkb dh x;h] mue i.k d {k=kQy lpdkd ¼,y , vkb½ e 1-1 l ydj 1-4 rd dk mYy[kuh; vrj n[kk x;k tcfd fcuk NVkb fd, x, vuipkfjr o{kk d lc/k e ;g lpdkd 1-9 FkkA nh?k oÙkkdkj i.k dk.k forj.k ijkehVj ¼b ,y , Mh ih½ lk[;dh; lkFkd ugh ik;h x;hA

tu rFkk vDrcj e NVkb fd, x, iM+k e l;l d idk'k dh miyC/krk

,dkrj eghuk e nt fd, x, i{k.kk l ;g Kkr gvk fd tu e ftu iMk dh 'kk[kkvk dh NVkb dh x;h mue dukih ¼forku½ d uhp fo lfjr fofdj.k ¼miyC/k l ;dk idk'k½ 928 eky ifr ox ehVj ifr o"k Fkk tcfd dukih d uhp lh/k fofdj.k dh ek=kk 9010 eky ifr ox ehVj ifr o"k Fkh ft ld ifj.kkeLo : i dy fofdj.k miyC/krk 9938 eky ifr ox ehVj ifr o"k Kkr gbA vDrcj d eghu e ftu iMk dh 'kk[kkvk dh NVkb dh x;h] mue dukih d uhp fo lfjr fofdj.k] dukih d uhp lh/k fofdj.k ¼lh/k vkuoky idk'k½ vkj dy fofdj.k dh miyC/krk Øe'k% 884 eky ifr ox ehVj ifr o"k] 8911 eky ifr ox ehVj ifr o"k rFkk 9795 eky ifr ox ehVj ifr o"k ik;h x;hA fcuk NVkb fd, x, vuipkfjr o{kk e dukih d uhp fo lfjr fofdj.k] dukih d uhp lh/k fofdj.k ¼lh/k vkuoky idk'k½ vkj dy fofdj.k dh miyC/krk Øe'k% 784 rFkk 8560 eky ifr ox ehVj ifr o"k ik;h x;hA

ftu iMk dh 'kk[kkvk dh NVkb dh x;h vkj ftudh NVkb ugh dh x;h] mue fofdj.k Åtk dh ifr'kr ikflr l ;g Kkr gkrk g fd tykb e ftu iMk dh 'kk[kkvk dh NVkb dh x;h] mud }kjk dy fofdj.k d 54-81 ifr'kr Åtk dk vfHkxg.k fd;k x;k ftld i'pkr ;g n[kk x;k fd vDrcj e ftu iMk dh 'kk[kkvk dh NVkb dh x;h] mud }kjk 53-20 ifr'kr fofdj.k Åtk dk ikIr fd;k x;k tcfd ftu iMk dh 'kk[kkvk dh NVkb ugh dh x;h] mud }kjk Åtk vfHkxg.k dk ifr'kr 42-95 ifr'kr jgkA

lefdr ik"k.k izca/ku

Qy yxus okyh vke dh cxhp

Qy dh mRiknu rFkk x.koÙkk ij izHkko

NPK + Zn + Cu + B l mipkj dju ij ifr gDV;j 12-13 Vu vke dk lokf/kd Qy mRiknunt fd;k x;k tcfd vuipkfjr o{kksa l ifr gDV;j 5-95 Vu Qyksa dh izkfIr gbA Qyksa esa fufgr dye ?kyu'khy inkFkksZa dh ,d l ,d l rFkk ,dkfcd vEy dh ek=kk fofHkUu mipkjksa e 19-9 l 20-9° fcDl rFkk 30-61&37-41 fe-xk- ifr 100 xke Kkr gbA NPK + Zn + Cu + B mipkj e Vh ,d l ,d l dk vf/kdre eku nt fd;k x;kA Qy dh vEyrk lkFkd ugh FkhA

e'nk rFkk iÙkh e ik"kd rÙkksa dk Lrj ij izHkko

mipkfjr enk e tfod dkcu rFkk miyC/k ukbVkt u dh ek=kk e Øe'k% 0-52&0-67 ifr'kr rFkk 80-03&91-42 ih ih ,e dh ldh.k jt e ik;k x;kA lHkh mipkjksa e i"Bh; enk ¼0&30 l-eh-½ e P vkj K dh miyC/krk e/;e l mPp Lrj ij ik;k x;hA NPK + Zn + Cu + B l mipkj dh x;h enk e K dh vf/kdre miyC/krk ¼190-18 ih ih ,e½ nt dh x;hA i"Bh; enk e Mh Vh ih ,d fu"d"k.kh; Fe, Mn, Zn vkj Cu dh fufgr ek=kk lHkh mipkjksa e Økfrd lhek l vf/kd ik;h x;hA vo&i"Bh; enk e lHkh cgr rFkk l{e ik"kd rÙkksa ,oa tfod dkcu dh fuEu ek=kk nt dh x;hA lHkh mipkjksa e vuipkfjr o{kksa dh ryuk e iÙkk d fo'y"k.k l P vkj K dh fufgr ek=kk e mYy[kuh; of) inf'kr gbA lHkh mipkjksa e Fe, Mn, Zn vkj Cu dh fufgr ek=kk b"Vre Lrj ij FkhA

e'nk d Hkkfrd ekin.Mksa ij izHkko

enk dk LFky ?kuRo] vkf'kd ?kuRo vkj m ldh ty ekkj.k {kerk ¼MCY; ,p l½ Øe'k% 1-26 l 1-57 fe-xk- ifr ?ku eh Vj] 2-62 l 2-81 fe-xk- ifr ?ku eh Vj vkj 18-47 l 25-40 ifr'kr d chp ik;h x;hA bud vf/kd mPp eku mu Hk[kMksa e ik, x, ftuesa tfod lkr l ik"k.k miyC/k djk;k tk jgk gkA ty ekkj.k {kerk ¼MCY; ,p l½ i"Bh; ijr okyh enk e vf/kd ik;h x;h vkj enk e uhps xgjkbZ d vuqkj ble deh n[kh x;hA

u;s r;kj fd, x, cxhp

ik/kksa dh of)] mit vkj x.koÙkk ij izHkko

fofHkUu idkj d mipkjksa d vrxr ;g Kkr gvk fd iM dh ÅpkbZ 3-1&5-1 eh Vj] ru dk ifjf/k 29 l 40-75 l-eh] dukuh dk Qyksa 4-23 l 5-27 eh Vj ¼io&if'pe½ rFkk 4-10&5-57 eh Vj ¼mÙkj&nf{k.k½ d jt e gvkA Qy dh inkokj dkQh de gbZ rFkk fofHkUu mipkjksa d vrxr ifr iM 2-56 l 3-24 fd-xk- d chp jgh] ft le dkbZ mYy[kuh; vrj ugh n[kk x;kA fofHkUu mipkjksa d vrxr Qyksa dk Vh ,d ,d l 19-8 l 22-2° fcDl d chp rFkk vEyrk 0-16 l 0-19 d chp ik;h x;hA

e'nk rFkk iÙkh e ik"kd rÙkksa dk Lrj ij izHkko

enk dk pH eku 7-19 l 7-39 d chp ik;k x;kA enk e tfod inkFkksZa dk Mkyu l dkbZ cnyko vk, fcuk lHkh idkj d mipkjksa l enk e tfod dkcu dh fufgr ek=kk de ¼0-30&0-41 ifr'kr½ Lrj ij cuh jghA lHkh idkj d mipkjksa e ;g n[kk x;k fd enk e N dh miyC/k ek=kk Hkh de ¼35-93 l 50-87 ih ih ,e½ g tk enk d LFky xBu rFkk fuEu ek=kk e tfod dkcu dh mifLFkfr d dkj.k gA lHkh mipkjksa e n[kk x;k fd P dh miyC/k ek=kk e/;e l mPp jt ¼17-4 l 24-2 ih ih ,e½ ij jghA ftu mipkjksa e P dk i;kZIr ugh yk;k x;k] mue enk e miyC/k P dh ek=kk lcl de ik;h x;hA fofHkUu mipkjksa e miyC/k K dh ek=kk e/;e jt ¼77-80&90-58 ih ih ,e d jt½ e nt dh x;hA 10 fd-xk- FYM + 100] 50] 100 xke N, P, K ifr iM ifr o"k vk;s $,dkVkcDVj $ PSM + VkbdkMek gft;kue $ tfod iyksa l mipkj e tfod dkcu] miyC/k N, P vkj K dk vf/kdre Lrjnt fd;k x;kA lHkh mipkjksa e lHkh l{e ik"kd rÙkksa Fe, Mn, Zn vkj Cu dh i;kZIr fufgr ek=kk Kkr gbA ftu mipkjksa e fdlh Hkh tfod inkFkZ dk i;kZIr ugh yk;k x;k] mue Mh Vh ih ,d fu"d"k.kh; Fe, Mn, Zn vkj Cu dh ek=kk de ¼Øe'k% 4-29] 3-86] 1-42 vkj 1-19 ih ih ,e½ nt dh x;hA vuipkfjr dh ryuk e lHkh mipkjksa e iÙkk e ik"kd rÙkksa d lkn.k e of) nt dh x;h] rFkkfi dkbZ mYy[kuh; vrj nt ugh gvkA

e'nk e l{e thok.kq; fØ;kdykiksa ij izHkko

Qy yxus l ioa vke d cxhp e enk e 'k"d thok.kq; fØ;kdykiksa d QyLo:i fMgkbMkftut Lrj ¼Mh ,p ,½ vkj ¶yvkjflu Mkb,flVV Lrj ¼,Q Mh ,½ d lnHk e eY;kdu fd;k x;kA Mh ,p , rFkk ,Q Mh , d eku Øe'k% 1-74 l 4-93

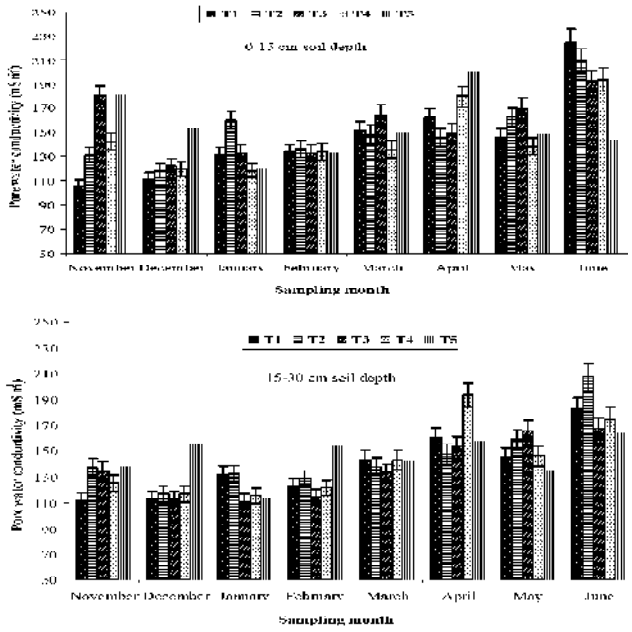
ekbØkxke Vh ih ,Q ifr xke ifr ?kVk rFkk 116 l 602 fe-xk-¶yvkjflu ifr fdyk xke ifr ?kVk nt fd;k x;kA mipkj T_8 ¼10 fd-xk- FYM $ 50 xke N + 25 xke P_2O_5 $ 50 xke K_2O ifr iM ifr o"k vk;$, tkVkcDVj $PSM+ VkbdkMek gft;kue $ tfod iyokj½ e Mh ,p , vkj ,Q Mh , dk vfèkdre eku ikIr gvk tk dVky ¼vuipkfjr½ dh ryuk e lkf[;dh; nf"V l i;kIr mPp FkkA vkcLD;yj ekbdkjkb ty dod dk ,d x.kkRed rFkk ifjekikRed ekiu fd;k x;kA fofHkUu mipkjk d vrxr enk e vkcLD;yj ekbdkjkb ty dod d ch tk.kvk dh l?kurk rFkk ty d vklokl dh enk e lgthfork Øe'k% 61 l 141 ifr 50 xke ok; 'kf"dr enk rFkk 15 l 41 ifr'kr d chp nt dh x;hA

lefdr ty rFkk ik"kd rÙo ic/ku

QfVx'ku

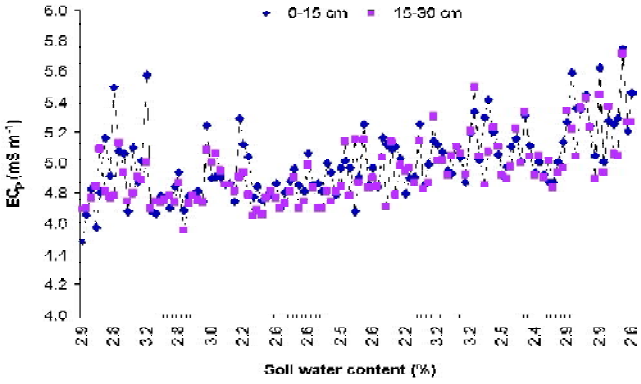
vke d cxhp dh enk e fofHkUu QfVx'ku ifjfLFkfr;k d vrxr j/k ty dh pkydrk

0&15 vkj 15&30 l-eh- enk xgjkb l ikIr fd, x, enk d 240 ueuk dk ekd ij LFkku rFkk le; ifjoru d dkj.k gku oky vrj rFkk j/k ty d lpkyu d lc/k e fgLVkxkfQd forj.k eY;kdu fd, tku l enk d j/kk d



vkdfr 10% fofHkUu QfVx'ku ifjfLFkfr;k d vrxr enk e jèk ty dh pkydrk e LFkku rFkk le; ifjoru d dkj.k gku oky vrj

Hkhrj ty dh fo|r pkydrk dk irk pykA tkp dh ifØ;k d nkjku LFkku rFkk le; ifjoru d dkj.k gku oky vrj nt fd, x, ¼fp=k 10½A o"k e o"kk _r d nkjku mPp EC_p ¼dSm^{-1}½ eku nt fd;k x;kA enk e fufgr ty dh ek=kk rFkk ek tn EC_p d chp ,d ldkjkRed lc/k dk irk pyk ¼fp=k 11½A



vkdfr 11% j/k ty pkydrk rFkk enk ty dh fufgr ek=k ¼y?k x.kdh; vk/kkj ij :ikrfjr eku½ d chp lcèk

x.koÙkk;Dr QykRiknu gr QfVx'ku dk dk;Øe r; djuk

n'kgjh e fofHkUu mipkjk d vrxr enk dk ih ,p eku 7-44 l 7-78 d chp ik;k x;kA enk e fufgr tfod dkcu dh ek=kk fuEu l ydj e/;e d Lrj rd cuh jgh tk 0-39 vkj 0-60 ifr'kr d chp ik;h x;hA lHkh mipkjk e miyC/k P ¼> 25-4 ih ih ,e½ vkj miyC/k K dh ek=kk ¼116-7 l 165-3 ih ih ,e½ mPp Lrj ij cuh jghA ekd ij gh ,d vr%L;nu ifj{k.k l Kkr gvk fd ty dh lp;h vrxg.k nj 2-3 l-eh- ifr 180 feuV gA vkx vkj v/;;u fd;k tk jgk gA

ifjofrr gk jgh tyok; n'kkvk d vrxr y[kuÅ d {k=k e ekle lc/kh ifjoru'khy dkjdk ,o vke d mRiknu ij ifrdy iHkko dk eY;kdu

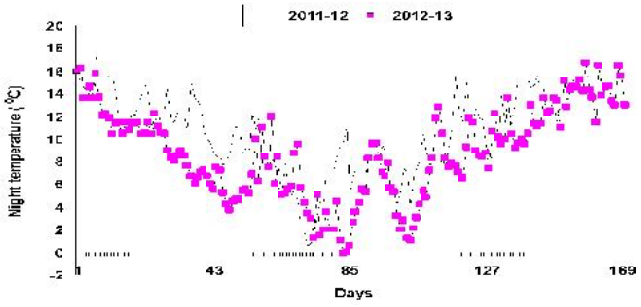
n'kHkj e gky d o"kk e vke d mRiknu d #>kuk l ekle dk iHkkfor dju oky ifjoru'khy dkjdk d ifr fofHkUu vke dh Qly l lcf/kr _r tfodh ?kVdk ij iMu oky tkf[ke dk irk pyk g ft ld dkj.k Qly d mRiknu ij i;kIr iHkko iM jgk gA Qly dk iHkkfor dju oky ekle d ifjoru'khy dkjdk d ie[k igyvk e cekleh cjlkr] BM d ekle dk vkjHk gkuk rFkk m ldh vof/k ,o rkieku e

of) vkfn tl dkjd 'kkfey gA bu ijkeVjk l vke d iMk dh _r tfodh] i"iu dk ikjHk rFkk idfr] tfod ifrcy] Qyk d yxu] fodfl r gku] ifjiDo gku] mudh rMkb rFkk ckt kj lc/kh ifjoru'khy dkjdk ij ifrdy iHkko iMk gA vke dh Qly dk iHkkfor dju oky ekle lc/kh ie[k ekin.Mk mnkgj.k d fy, rkieku] o"kk] vkif{kd vknzrk]/kif[kyh gku dh vof/k] iou xfr] [ky cru e ok"ihdj.k tl dkjdk dk dnh; mik".k ckxckuh lLFkku] y[kuÅ }kjk 2010&12 d nkjku v/;;u fd;k x;k ft l l bu dkjdk d lHkkfor iHkko dk irk pykA 2011&12 vkj 2012&13 e 15 vDVcj d ckn y[kuÅ rFkk bld vkl ikl d bykd e BM ¼< 17° lfYl;l½ dh foLrkfjr vof/k nt dh x;h ¼vkdfr 12½A 2011&12 e BM dh vof/k ¼yxHkx 155 fnu½ dh ryuk e 2012&13 e BM dh vof/k ¼yxHkx 169 fnu½ de&l&de ,d i[kokM rd foLrkfjr gk x;hA BM dh vof/k d c<u d dkj.k i"iu dh ?kVuk ij ifrdy iHkko iMk(dkf;d of) dk fØ;kdyki i"iu d lkFk gh vkjHk gvk rFkk n'kgjh e uk'kh thok rFkk jkxk l lcf/kr ifjoru'khy dkjdk¼fFkl],UFkDuk t½e cnyko gvkA iky dk iMuk ¼9 vkj 10 tuojh] 2013 dk rkieku 0-2 fMxh lfYl;l l l 1-2° lfYl;l d chp½ ,d mYy[kuh; dkj.k Fkk ft l d dkj.ku;h Vgfu;ker gk x;h vkj lkFk gh yxHkx 5&6 bp rd ijkg dk Hkkx Hkh er gk x;kA ifj.kkeLo:i fnlcj d nkjku vke d dN fdLek e] tk vi{kkdr igy i"iu dh ifØ;k vkjHk gb Fkh] og iky dk f'kdkj gk x;h ft l l vke d ik/kk ij yx ckj ¼Qy½ l[k x, vkj ,l yxk fd o tydj dky iM x, gkA t l k fd igy dgk x;k g] 2012&13 e BM dh foLrkfjr vof/k d dkj.k i"iu dh _r tfodh ij ifrdy iHkko iMk rFkk bld ifj.kkeLo:i Qy d mRiUu gku rFkk fodfl r gku d pj.kk d fy, vrr% vf/kd xeh vkj 'k"d n'kkvk dk tkf[ke mRiUu gk x;k ft l l Qy d fodkl d ijorh pj.kk vkj fo'k"kdj ifjiDork d pj.kk ¼tu l tykb d nkjku½ ij ifrdy iHkko iMkA

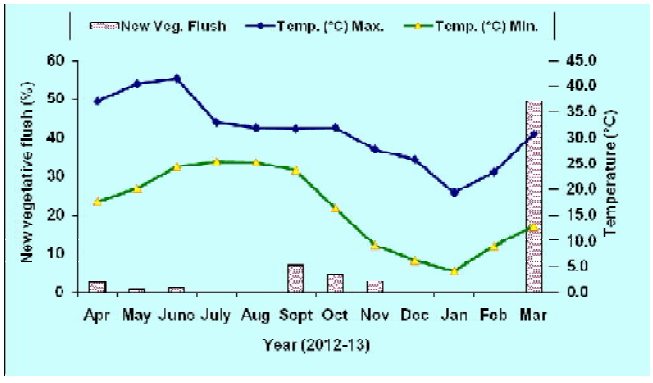
i"iu d r=k dk le>uk

i"iu d lc/k e okuLifrd 'kk[kkvk dh xfrdh

i"iu l lc) okuLifrd 'kk[kkvk d fu/kkjd rÙok e o"k 2012&13 d nkjku dkf;d fodkl d flyfly e 0;kid vrjn[kk x;k rFkk n'kgjh d lc/k e ie[k fodkl dh vofèk ekp jgh ft ld nkjku 80 ifr'kr rd fodkl gvkA fiNy o"k dh ryuk e tcfd ik/k e tu d eghu e vR;f/kd dkf;d fodkl gvk Fkk] viy& tu d nkjku mYy[kuh; dkf;d fodkl ¼< 5 ifr'kr½ n[kk x;kA flrcj l uocj d nkjku 2&5 ifr'kr vfrfjDr mRiknu n[kk x;kA n'kgjh e fnlcj d eghu e 5 ifr'kr rd vkjfHkd i"iu n[kk x;kA fupyh Hkfe oky {k=kk e fLFkr vke d cxhp tuojh 2013 d eghu d nkjku cgr vfèkd ikyk iMu d dkj.k vR;f/kd de rkieku ½&1-2° lfYl;l rd½ l ifrdy :i e iHkkfor g,A ifÙk;k vkj i"i dfydkvk lfgr 'kh"kLFk Hkkx dk dkQh vf/kd {kfr igph Fkh ft ld dkj.k iMk e i"iu dh ifØ;k foyc l vkjHk gbA Qojojh d eghu d nkjku {kfr d i'pkr rhljh io lf/k ¼ukM½ d uhpu, flj l okuLifrd of) vkjHk gb tcfd iky l {kfr d i'pkr igyh vkj nljh io lf/k ¼ukM½ ij u, NkV Qy fn[kkb nu yx rFkk {kfrxLr Qyk e d{kh; i"iu dh ifØ;k vkjHk gb ¼vkdfr 13½A Åijh Hkfe e vofLFkr vke d cxhp iky l iHkkfor ugh g,A rFkkfi] i"iu dh ifØ;k 15&20 fnuk rd foyfcr gb rFkk i"iu v{k dk foLrkj /kheh xfr l gvkA



vkdfr 12% 2011&12 vkj 2012&13 d nkjku 15 vDrcj d ckn BM ¼> 17° lfYl;l½ dh foLrkfjr vof/k



vkdfr 13% n'kgjh vke d iM e uohu okuLifrd fodkl dk iVu

ekp d vfre llrkg d nkjku fofHkUu _r tfodh pj.kk d nkjku enk dh fofHkUu xgjkb;k ij enk e fufgr ueh dh ek=kk 21-9 l 34-4 ifr'kr d chp ik;h x;h tcfd 40 l-eh- dh xgjkb ij enk e ueh dh vf/kdre ek=kk 34-4 ifr'kr Kkr gbA 40&60 l-eh- xgjkb d ckn enk e ueh dh ek=kk d ifr'kr e de cnyko n[kk x;k rFkk 60&100 l-eh- dh xgjkb d ckn enk e mifLFkr ueh dh ek=kk e ?kVrk gvk #>ku n[kk x;kA rFkkfi] 10&20 l-eh- dh xgjkb rd enk d rkieku e dkQh de vrjnt fd;k x;k ¼24-5&26-0 fMxh lfYl ;l½A fofHkUu _r tfodh pj.kk e n'kgjh d iÙkk e ty dh mifLFkfr ¼Y_w½ 6-04 l 9-06 MPa d chp ik;h x;hA fofHkUu okuLifrd Hkkxk e mifLFkr [kfut inkFkk d l?kVu l ;g Kkr gvk fd Mg, Fe, Mn rFkk Zn dh fufgr ek=kk ifÙk;k dh ifjiDork d lkFk c<rh gr Fkk mudk Qy&dfydk foHknu d nkjku eku vfèkdre gkrk g ¼Øe'k% 0-35 ifr'kr] 260 ih ih ,e] 80-5 ih ih ,e vkj 24-0 ih ih ,e½A rFkkfi] ifÙk;k e ik, tku oky ikVf'k;e ¼K½ rFkk vlrr ukbVktu ¼N½ d Lrj e dkbZ mYy[kuh; vrjnt ugh fd;k x;kA

vke d iM+ d ijkg rFkk tMk e vlapukRed dkckgkbM+ Vk e ifjorZu

fofHkUu _r pj.kk d nkjku yxMk vkj vkeikyh dh tMk rFkk ijkgk e vlafpr dkckgkbMV dh mifLFkr ek=kk dh tkp dh x;hA ;g Kkr gvk fd yxMk dh tMk e Qy u yxu oky o"k d nkjku mudk Lrj mPp ¼4660-50 ekbØkxke ifr xke DW½ rFkk Qy yxu oky o"k d nkjku fuEu ¼3483-00 ekbØkxke ifr xke DW½ jgrk gA rFkkfi] vkeikyh e Qly yxu d fofHkUu o"kk d nkjku mud Lrj e dkbZ mYy[kuh; vrj ugh n[kk x;kA yxMk e ijkgk e vlajpukRed dkckgkbMV dk Lrj Qy yxu oky o"k d nkjku i"i dfydk foHknu d le; vf/kdre ik;k x;kA

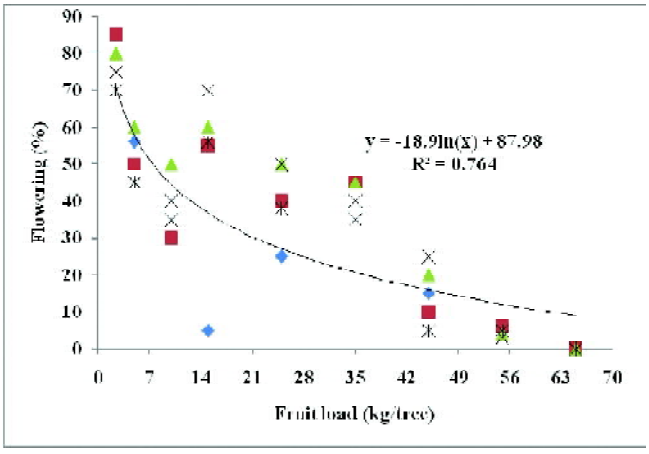
tMk e 'kdjk mikip; ,oa tkbe

fofHkUu _r tfodh; pj.kk d nkjku ,u , Mh vkfJr rFkk ,u , Mh ih vkfJr 'kdjk mikip; ,oa tkbe lkfcVky fMgkbMkftut ¼,l Mh ,p½ dk vkdyu fd;k x;kA ;g Kkr gvk fd yxMk e Qy u yxu oky o"k d nkjku bldk fØ;k'khyrk vkif{kd :i l de ¼10&20 ekbØk eky ifr xke ifr feuV½ jgrk g tcfd Qy yxu oky o"k d nkjku bldk eku ¼10&100 ekbØk eky ifr xke ifr feuV½ ik;k x;kA

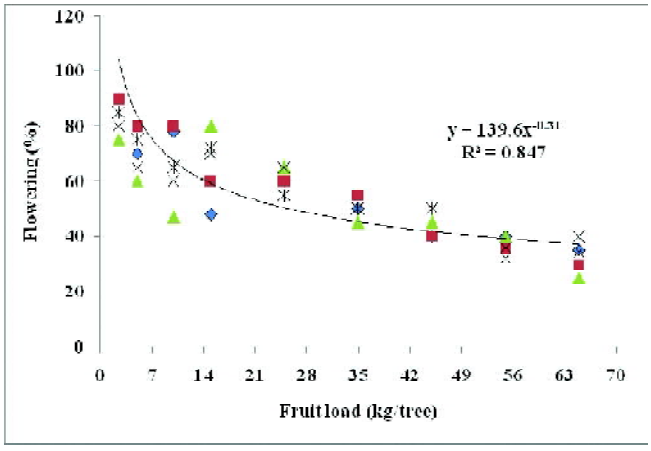
iDyksQ;Vk tky dk i;kxe yku dk nh?kdkfyd iHko rFkk Qly d lo/ku ij Qy Hkkj dk eY;kadu

ftu iMk ij o"k 2008&11 d nkjku iDyksQ;Vk tky dk fNMdko ¼3-2 fe-yh- ifr eh dukih 0;kl½ fd;k x;k Fkk] mu ij 2011&12 e ;g fNMdko ugh fd;k x;k vkj ;g n[kk x;k fd mue yxHkx 80&100 ifr'kr Qy yxft lh ;g Kkr gvk fd enk e iDyksQ;Vk tky dh vof'k"V ek=kk ¼0-572 ekbØk xke ifr xke½ i"iu dk ifjr dju d fy, rFkk ifr iM 50&70 fd-xk- Qy mRiknu dju d fy, i;kIr gA rFkkfi] 2012&13 d nkjku i"iu dh ifØ;k ij vof'k"V dk dkbZ iHkko ugh n[kk x;kA 6 o"k dh vk;oky n'kgjh d iM ij iDyksQ;Vk tky dk vo'kkf"kr dju dh {kerk lc/kh v/;;u l ;g Kkr gvk fd ble fNMdko fd, tku d 60 fnu d ckn iDyksQ;Vk tky dk v'k ifÙk;k rd igprk g D;kfd ifÙk;k e iDyksQ;Vk tky dk vof'k"V 0-15 fe-xk- ifr fd-xk- Qkeyk Hkkj iÙkh Lrj ij ik;k x;kA

iDyksQ;Vk tky i"ih dfydk d vkjHk gku dh vof/k d nkjku i"iu dk lo/ku inku djrk gA rFkkfi] n'kgjh] pkl k vkj yxMk d lc/k e fd, x, nh?kdkfyd i;kxk l ;g Kkr gvk fd bl dk iHkko Qy Hkkj ij vkfJr gA ;g n[kk x;k fd pkl k vkj yxMk e 3-2 fe-yh- ifr eh Vj dukih 0;kl dh nj l iDyksQ;Vk tky l mipkfjr fd, x, fuEu Qy Hkkj oky iMk e i"iu o"k d nkjku i"iu dh rhork e i;kIr of) gb tcfd okuLifrd ijkgk ¼'kk[kkvksa½ dh l[;k e deh vkbA rFkkfi] n'kgjh e e/;e Qy Hkkj oky iM e ckn d o"k d i"iu dk i;kIr lo/ku ikIr gvkA bl d foijhr] ml h ek le d nkjku leku ek=kk e iDyksQ;Vk tky ikIr dju oky Hkkjh Qy Hkkj oky iMk e i"iu dkQh de n[kk x;k ¼vkdfr 14 vkj 15½A Qy Hkkj d dkj.k dkQh gn rd iDyksQ;Vk tky dk iHkko ux.;gk x;k rFkk iM ij iDyksQ;Vk tky d mipkj ¼mipkj dh vof/k ;k io mipkj½ ;k i;Dr ek=kk dk dkbZ iHkko fn[kkb ugh fn;kA i"iu dk lo/ku inku dju e iDyksQ;Vk tky dh iHkkodkfjrk Qy Hkkj ij fuHkj djrh g] gkykfd feêh e ,d ych vof/k rd vof'k"V cuk jgrk g D;kfd iM }kjk ,d dYVhoj vk/kkfjr Fk'kgkYM eku inf'kr fd;k x;k ft lh vf/kd iDyksQ;Vk tky ik/k e i"iu dk mYy[kuh; :i e c<ku e l{ke ugh gkrkA



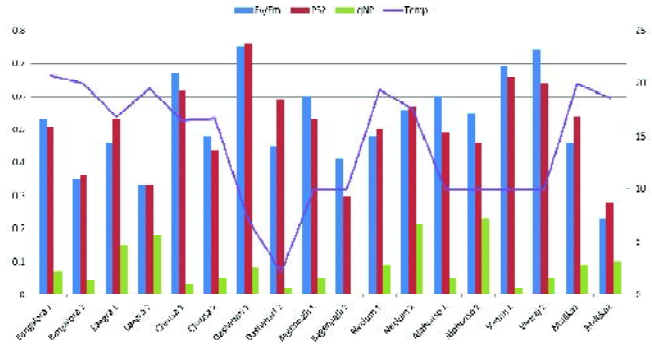
vkdfr 14% dVky ¼vumipkfjr½ yxMk iMk e Qy Hkkj rFkk i"iu rhork d chp lc/k



vkdfr 15% iDykC;Vktky l mipkfjr yxMk fdLe d iMk e Qy Hkkj rFkk i"iu rhork d chp lc/k

fofHkUu fodkl pj.kk e iÙkk e DykjkfQy ifrnhflr rFkk lc) ijkehVj

yxMk] pklk] n'kgjh] cxuikyh] uhye] vyQklk] oujkt] efYydk vkj vkeikyh dh v/kj d fy, vudfyr ifÙk;k e DykjkfQy ifrnhflr ¼Fv/Fm½] PS II vkj byDVku ifjogu nj ¼b Vh vkj½ dk fofHkUu i tuu _r tfodh pj.kk e ekiu fd;k x;kA v/;;u fd, x, vf/kdk'k fdLek e i"i dfydkvk d fudV fLFkr ifÙk;k e mudk eku de ik;k x;kA rFkkfi] uhye e fofHkUu _r tfodh pj.kk e bu ijkehVjk e de vrj fn[kkb iMkA mudk eku NkV uofodflr ifÙk;k e de rFkk i.kr% fodflr gj iÙkk e vf/kdre ik;k x;k] rFkkfi] mPp rkieku ¼> 35⁰ lfYl;l½ ij NkVh ifÙk;k e PS-II dk idk'k vojk/ku U;ure ik;k x;k ¼vkdfr 16½A fofHkUu fdLek e iÙk d vkrfjd rkieku e dkQh vf/kd vrj Hkh nt fd;k



vkdfr 16% i"i dfydk pj.k ij fofHkUu fdLek dk Fv/Fm, PS-II, qNP rFkk vkrfjd rkieku ¼1 ¾ okuLifrd Vguh] 2 ¾ i"iu Vguh½

x;kA n'kgjh rkieku e vrj d ifr lokf/kd lonu'khy Kkr gvkA

fu;fer vkj ,dkrj o"k e Qy nu oky iMk e i"i dfydk foHknu d fofHkUu pj.kk d nkjku jkbcyk t ckbl QkLQV ¼RuBP½ dkckfDly t fØ;k'khyrk

fu;fer ¼vkeikyh] uhye] cxykjk] efYydk½ rFkk ,dkrj o"k e Qy nu okyh fdLek ¼pklk] n'kgjh] yxMk] vyQklk½ e RuBP dkckfDly t fØ;k'khyrk i"i dfydk foHknu d fofHkUu pj.kk d nkjku fo'y"k.k fd;k x;kA i"i dfydk foHknu pj.k ¼fnlcj½ d nkjku vf/kdre fØ;k'khyrk ¼5-0& 10-8 ekbØk eky RuBP ifr fe-xk- ifr ehVj½ ik;k x;k t cfd ijorh pj.k vFkkr i"i dfydk d Qyu ¼tuojh½ d nkjku bldk eku U;ure ¼0-4&1-5 ekbØk eky RuBP ifr fe-xk- ifr ehVj½ ik;k x;kA n'kgjh e tuojh d eghu e dkQh de rkieku gku d ckotn vf/kdre fØ;k'khrk ik;h x;hA vkx v/;;u fd;k tk jgk gA

:fcLdk rFkk lc) ,Utkbe fØ;k'khyrk

fofHkUu fdLek e :fcLdk fØ;k'khyrk e vrj

50 feeh ckblhu] 5 feeh QkLQk fØ,Vhu rFkk QkLQk ,ukyikb#oV] lClVV RuBP ¼1 ekbØk eky½ vkj ,u , Mh ,p ¼0-3 ekbØk eky½ lÙo foy;u dk i;kx djd RuBP dkckfDly t ,Utkbe fØ;k'khyrk dk ekudhdj.k fd;k x;k vkj ekbØk eky RuBP ifr fe-xk- ifr ehVj d :i e 0;Dr fd;k x;kA :fcLdk fØ;k'khyrk dk eY;kdu i"iu _r tfodh d fofHkUu pj.kk e 8 fdLek vFkkr cxykjk] yxMk] pklk] n'kgjh] cxuiYyh] uhye] efYydk] vYQklk d lc/k e

fd;k x;kA vf/kdk'k fdLeksa e bldk fØ;k'khyrk ,Q ch Mh l igy vfèkdre ½570&780 eky dkcu MkbvkDlkbM ifr eky vkDlhtu½ ik;k x;k rFkk i"i dfydk d Qyu rFkk i"i xPN dh yckbZ e of) gku d pj.k e bldk eku U;ure ½280&320 ifr eky dkcu MkbvkDlkbM ifr eky vkDlhtu½ nt fd;k x;kA uhye ftle :fcLdk fØ;k'khyrk dk Lrj 500&720 eky dkcu MkvkDlkbM ifr eky vkDlhtu gkrk g] dk NkMdj vf/kdk'k fdLeksa i"i _rtfodh v/;;u d fofHkUupj.kksa e :fcLdk fØ;k'khyrk e0;kid vrj ½280&780 eky dkcu MkvkDlkbM ifr eky vkDlhtu½ ik;k x;kA vkx v/;;u tkjh gA

vtfod ifrcyk d ifr lgu'khyrk gsrq idnk ¼eyoUrk½ dh igpku

yo.k ifrcy n'kkvk d vlrxr mxk, x, cg&Hk.kh; ik/kk e vdkfjdh ifjorlu

clikdkb]xkok]d#Ddu]ekbfyfify;u]eonu]uDdkj vkj oykbdkycu d nk o"k dh vk; d cg&Hk.kh; ik/kk e yo.krk ifrcy d fo#) ifrfØ;k dh tkp dh x;hA yo.krk mipkj d QyLo:i dVky ik/k ¼vuipkfjr½ dh ryuk e of) njs deh Kkr gb] tk ifÙk;k d >Mu rFkk ik/kk dh of) de gku d lnHk e inf'kr gbA idnk e ie[k vrj ik/kk e mRiUu th.krk dh ek=kk e Fkh tk vU; fdLeksa dh ryuk e uDdkj vkj d#Ddu e 2 dSm^{-1} rd de inf'kr gbA

yo.krk ifrcy d ifr lgu'khyrk gsrq 'kjhjfØ;kRed vlrj

cg&Hk.kh; vke dh fdLeksa d iMk vFkk reonu]fdpukj] LVkp]xkok]pndj.k]d#Ddu]cikDdb]13&1]uDdkj vkj oykbdkycu dh ifjiDo ifÙk;k e f>Yyh LFkkf;Ro lpdkd] idk'k jk lk;fud 'keu ½Pq½] DykjkfQy ifrnhflr ¼Fv/Fm½ vkj PS-II Lrj d lnHk e 'kjhj fØ;kRed vrj dk vkdyu fd;k x;kA vU; fdLeksa dh ryuk e fodkl d fofHkUupj.kksa e uDdkj rFkk 13&1 e f>Yyh LFkkf;Ro lpdkd ¼,e ,l vkb½ vkj PS-II Lrj vf/kdre ik;k x;k] rFkkfi Fv/Fm vkj Pq e dkbZ mYy[kuh; vrj Kkr ugh gvkA eonu]cikDdb]uDdkj vkj oykbdkycu d nk o"k dh vk; oky ik/kk e yo.krk ifrcy] DykjkfQy ifrnhflr vkj lc) ijkehVjk d lnHk e eY;kdu fd;k x;k ftle fofHkUu yo.krk Lrjk d vrxr dkQh deh ¼0-81&0-11 Fv/Fm½ ik;h x;h tcfd uDdkj bl lnHk e viokn Kkr gvk] ftlu yo.krk ifrcyk d lc/k e vklr lgu'khyrk inf'kr dh tkfdbl lcf/kr mPp Fv/Fm ¼0-780½ eku l lfpr gkrk gA yo.krk ifrcy d vrxr vU; fdLeksa e fufgr idk'k l'y"kh o.kd dh ek=kk ¼0-60&0-80 ekbØk xke ifr xke Qkeyk Hkkj½ dh ryuk e uDdkj vkj d#Ddu e idk'k l'y"kh o.kd dh fufgr ek=kk mPp ¼1-10&1-20 ekbØk xke ifr xke Qkeyk Hkkj FW½ Kkr dh x;hA

yo.krk ifrcy d vlrxr vU; 'kjhj fØ;kRed rFkk tSo jklk;fud ifjorlu

Hk.kh; fdLeksa d iMk e DykjkfQy LFkkf;Ro lpdkd e mYy[kuh; vrj n[kk x;kA uDdkj vkj d#Ddu e yo.krk Lrj e of) d lkFk bldk mPp eku Kkr gvkA fof'k"V i.k Hkkj ¼,l ,y MCY;½ vkj ty dh lkif{kd fufgr ek=kk ¼vkj MCY; lh½ e 0;kid ifjorun n[kk x;k(vU; lHkh fdLeksa e yo.krk ifrcy d v/khu uDdkj e vf/kdre ,l ,y MCY; ¼1-85 fe-xk- ifr ox l-eh-½ vkj vkj MCY; lh ¼60 ifr'kr½ Kkr gvkA Xykblhu@fcVkbu dh fufgr ek=kk uDdkj vkj d#Ddu e ,d vYikof/k ¼15 fnuk dh vof/k rd½ gr c<dj vf/kdre eku ½2-01 vkj 2-00 ekbØk eky ifr xke½ ij igp x;h vkj mld i'pkr yo.krk e of) d lkFk bld eku e èkhj&/khj deh vkbA yo.krk Lrj e of) d lkFk f>Yyh LFkkf;Ro lpdkd ¼,e ,l vkb½ d lnHk e fyfiM ijvkfDlM'ku e deh n[kh x;h rFkk uDdkj e ,e ,l vkb e U;ure deh ¼94&75 ifr'kr½ nt dh x;hA vU; fdLeksa dh ryuk e 15 fnuk rd ifrcy d v/khu j[k tku ij uDdkj e dVkut ¼8-75&10-85 ;fuV ifr fe-xk- ikVhu½ vkj ijvkfDlMt ¼10-5&16-5 ;fuV ifr fe-xk- ikVhu½ dk mPp Lrj nt fd;k x;kA vkx vè;;u dk; fd;k tk jgk gA

vke vk/kkfjr Qly i.kkyh dk fodkl

;g bl i;kx dk nljk o"k FkkA Qyu oky cxhp e vrorh Qlyk vFkk rgYnh ¼djdek Lifl t½ ftehdn@vky ¼,ekjQkQy l dEiuyVl½] dkykdfl;k ¼dkykdfl;k ,LdyVk½] xnk ¼Vtvl Lifl t½ /kfu;k ¼dkfj,UMe lVkboe½ uhc ?kkl ¼fl Eckdkxu ¶yDlvkl l½ ofVoj ?kkl ¼ofVofj;k ft tkukbMl½ fxuh ?kkl ¼ifude efDlee½ vkj inhuk ¼eUFkk vkofUl l½ d dk;&fu"iknu dk eY;kdu fd;k x;kA vrorh Qlyk dk idk'k dh miyC/krk rFkk mud fodkl dk lxe cuku dh nf"V l iMk d chp e [kykfd;k x;k ftl dk mí';

chp e mxh gb doy ,d ;k vf/kd l vf/kd nk lh/kh c<u okyh 'kk[kkvk dk gVkuk FkkA

vke d o{kk e dukih e/; [kyk LFkku fufer djuk

n'kgjh ¼yxHkx 35 o"k vk; d iM½ e fnlcj 2012 d nkjku chp e [kyk LFkku fufer dju dk dk; fd;k x;k ft l l dukih d uhp idk'k dh dy miyC/krk e 35-50 ifr'kr dh of) gbA dukih d uhp miyC/k idk'k dh dy ek=kk chp e [kyk LFkku fufer dju l igy 6592-6 eky ifr ox ehVj ifr o"k Fkh tk chp e [kyk LFkku fufer dju d ckn c<dj 8939-6 eky ifr ox ehVj ifr o"k gk x;h A chp e [kyk LFkku fufer dju d ckn ,y , vkb ¼i.k {k=k lpdkd½ eku Hkh 1-493 l ?kVdj 1-125 gk x;kA

Qly i.kkyh dk vke d o{kk ij iHkko

i;kxk/khu vf/kdk'k iMk e dkQh de Qly yx D;kfd ;g o"k Qy u yxu okyk vQyu o"k FkkA o"k d nkjku fofHkUu mipkjk d ifj.kkeLo:i 12-26 ifr'kr l ydj 20-3 ifr'kr rd i"iu gvk vkj fofHkUu mipkjk d vrxr ifr iM 12-2 l ydj 25-6 fdykxke rd Qy dk mRiknu gvkA fd, x, mipkjk l Qy d mRiknu rFkk vke dh x.koÙkk ij vrjorh Qlyk dk dkb mYy[kuh; iHkko inf'kr ugh gvkA Qyk e dy ?kyu'khy Bkl inkFkk ¼Vh ,l ,l ½ vkj Qyk dh vEyrk Øe'k 20-3 vkj 21-8° fcDl rFkk 0-17 vkj 0-2 ifr'kr d chp jgh rFkk fofHkUu vrjorh Qlyk d lc/k e dkb Hkh mYy[kuh; vrj ugh n[kk x;kA

vrjorh Qlyk ij Qly i.kkyh dk iHkko

vke d cxhpk vkj lkFk gh [kyh n'kkvk e Hkh vrjorh Qly mxkb x;hA [kyh n'kkvk dh ryuk e Nk;knkj ifjfLFkfr;k d v/khu vrjorh Qlyk dh of) rFkk mul mRiknu d lnHk e vR;f/kd vrj nt fd;k x;kA vke dh dukih d vrxr mxkb x;h vrjorh Qlyk uhc?kk l] ofVoj ?kk l] /kfu;k] xnk ¼lfn;k d nkjku½ vkj fxuh ?kk l rFkk inhuk e dkQh de of) n[kh x;hA vke d cxhp e mxk, x, xnk d ik/kk l Qly dh ikflr ¼607-9 fd-xk- ifr gDV;j½ [kyh n'kkvk e mxk, x, xnk d ik/kk l ikIr Qyk dh ek=kk ¼889-2 fd-xk- ifr gDV;j½ dh ryuk e de FkhA rFkkfi] [kyh n'kkvk e Qly bl vof/k d nkjku iky l iHkkfor gb rFkk lfn;k d nkjku ;k olr _r e vke d iMk l lc) Qy mRiknu dh vfèkdre ek=kk ikIr dh x;hA fxuh ?kk l ¼ifude efDlee½ l 6-27 Vu ifr gDV;j gjk pkjk rFkk 4-45 Vu ifr gDV;j 'k"d pkjk ikIr gvkA [ky [kr e yxkb x;h fLFkfr dh ryuk e vke d cxhp e yxkb x;h dkykdfl;k l dkQh de mRiknu ¼600 fd-xk- ifr gDV;j½ ikIr gvkA [kyh n'kkvk dh ryuk e vke d cxhp e yxk, x, ik/kk e ?ku dn vkj dkjey dkQh NkV vkdkj d ikIr g,A enk e mPpu eh rFkk vknirk dh fLFkfr d dkj.k cjlkr d ekle d nkjku Qlyk d jkxxLr gku dh vf/kd fLFkfr cuh jghA vke e cxhp e yxk, x, gYnh rFkk vky ¼,ekQkQyl dEiuyVl½ l Øe'k 2-44 vkj 2-94 Vu ifr gDV;j dk mRiknu rFkk [ky [kr e yxkb x;h Qly l Øe'k 3-9 vkj 4-62 Vu ifr gDV;j mRiknu ikIr gvkA bl vof/k d nkjku ftu vr¼Qlyk dk eY;kdu fd;k x;k] mue l gYnh dh vrjorh Qly lokf/kd ykHkdkjh ik;h x;hA

vrjorh Qlyk e jkxxLrrk

vrjorh Qly d :i e mxk, x, dkykdfl;k ij QkbVk¶Fkkjk l vxekjh dh ?kVuk nt dh x;h rFkk [ky [kr e yxkb x;h Qly dh ryuk e ;g jkxxLrrk vf/kd xHkhj FkhA dkyVkVkbde rFkk VQfjuk d dkj.k gYnh d ik/k iÙkk ij fpfÙk rFkk vxekjh ¼ih Mh vkb ¼ 4-00½ dh xHkhj fLFkfr mRiUu gb rFkk lkFk gh dhV jkx dh mifLFkfr Hkh n[kh x;hA ?kkl rFkk vU; vrjorh Qlyk e fdl h xHkhj jkx ;k dhV d dkj.k mRiUu jkx l xLrrk dh fLFkfr ugh ik;h x;hA

enk lc/kh Hkkfrdh; ijkehVjk dk eY;kdu

vke d cxhp e yxkb x;h vrjorh Qlyk vFkkr gYnh] xnk vkj fxuh ?kk l d lnHk e enk lc/kh Hkkfrd ijkehVjk dk eY;kdu fd;k x;k ft l l ;g Kkr gvk fd enk dk pH eku 7-23 l 7-51 d chp g vkj fofHkUu vrjorh Qlyk d vrxr dkb fo'k"k vrj Kkr ugh fd;k x;kA rhu fofHkUu vrjorh Qly i.kkfy;k e enk e ty /kkj.k {kerk ¼MCY; ,p l½ 20-95 l 25-65 ifr'kr d chp e nt dh x;hA vk;ru ?kuRo 1-21 l 1-54 fe-xk- ifr ?ku ehVj d chp nt fd;k x;kA Åijh ijr e enk e tfod dkcu dh fufgr ek=kk mPp ¼0&10 l-eh- enk xgjkb½ ik;h x;h ft le 0-51 l ydj 0-62 ifr'kr rd dk vrj n[kk x;kA

yxMk e ,dkrj Qyu dk ifjek.ku

ikp o"kk ¼2007&2011½ dh vof/k d nkjku ikIr mRiknu dk 'kkfey djd yxMk vke ¼efUt Qjk bfMdk ,y-½ d lc/k e le; Ük[kyk mRiknu ekMy ij fopkj fd;k x;kA mRiknu vof'k"V ¼r_{ij}½ gr ,d Lor% lg&lc/k ekMy l fofHkUu o"kk d

nkjku vke d iMk dh ,dkrj Qyu rhork ¼AB½ dk Kkr dju d fy, ,d fof/k ikIr gbA ikp o"kk d nkjku 100 iMk d Lor% lg&lc/k dk lefdr vueku $\hat{\rho}_1$ fuEufyf[kr l=k }kjk 0;Dr fd;k tk ldrk g%

$$\hat{\rho}_1 = \sum_{i=1}^{100}\sum_{j=2}^{5} \{(r_{ij}-)(r_{ij-1}-)/4\} / \sum_{i=1}^{100}\sum_{j=1}^{5} \{(r_{ij}-)^2/5\} = -0.46$$

bl idkj ikIr lefdr Lor% lg&lc/k l ,d vky[k r;kj fd;k x;k ftl ,d mi;Dr lkekU; forj.k dh fLFkfr Kkr gb rFkk forj.k dk ek/; &0-258 rFkk ekud fopyu 0-061 Kkr gvkA bl vudkj e $\hat{\rho}_1$ =-0-46 l uhp dkb eku ugh Fkk tk mRiknu vof'k"V vkdMk l ikIr gvk Fkk ftl ;g irk pyrk g fd Lor% lg&lc/k dk eku $\hat{\rho}_1$ vR;f/kd lkFkd eku gA bl idkj ;g Kkr gkrk g fd ekUVdkyk ijh{k.k dk eku jkxy{k.kk dk lfpr ugh dju dfy, fd, x, ijh{k.kk d vu:i gftl ;g Kkr gkrk g fd bl vkdMk d ,d cM lePp; vkj lkFk gh ,dkrj Qyu rhork d iek.kh dj.k d fy, Hkh i;kxe yk;k tk ldrk gA

ve:n ¼flfM;e xtkok ,y-½

lefdr ik"kd rÙo i:Ikku

fodkl] Qy mRiknu ,oa x.koÙkk ij i:Hkko

iM dh Åpkb 3-60 l 4-23 ehVj d chp rFkk ru dk ?kjk 35-83 l 44-5 l-eh- d chp n[kk x;kA ik/k dk Qyko ¼forku½ io&if'pefn'kk e 4-23 l 5-47 ehVj d chp rFkk mÙkj&nf{k.k fn'kk e 4-3 l 5-5 ehVj chp e ik;k x;kA vuipkfjr ik/kk dh ryuk e fofHkUu mipkjk }kjk Qy mRiknu e i;kIr of) gb rFkk fofHkUu mipkjk d vrxr ikIr mRiknu ifr iM 32-95 l ydj 48-87 d chp nt fd;k x;kA 10 fd-xk- FYM $ 120] 60] 50 xke N, P, K ifr iM ifr o"k vk; $,tkVkcDVj $ PSM + VkbdkMek gft ;kue $ tfod iyokj l mipkj dh fLFkfr e Qyk dk lokf/kd mRiknu 48-87 fd-xk- ifr iM ikIr gvk ftl d i'pkr 120] 60] 50 xke N, P vkj K ifr iM ifr o"k vk; rFkk ifÙk;k ij Zn, B, Mn vkj Cu dk fNMdko dju l ifr iM 47-55 fd-xk- mRiknu ikIr gvk rFkk vuipkfjr ik/kk e U;ure mRiknu ikIr gvkA li.k mipkjk e ikIr Qyk dk Vh ,l ,l 9-3 l ydj 11-5° fcDl d chp jgkA 120] 60] 50 xke N, P, K ifr iM ifr o"k vk; $ enk e Zn, B, Mn vkj Cu dk i;kxe yku l Vh ,l ,l dk mPpre eku nt fd;k x;kA ,Ldkfcd vEy dh fufgr ek=kk 255-0 vkj 285-6 fe-xk- ifr 100 xke xnk d chp nt dh x;h rFkk bl dk vf/kdre eku 120] 60] 50 xke N, P, K ifr iM ifr o"k vk; $ enk e Zn, B, Mn vkj Cu dk i;kx e yku dh fLFkfr e Kkr gvkA

iÙkh rFkk enk e ik"kd rÙok d Lrj ij i:Hkko

enk dk pH eku 7-69 l 7-79 d chp ik;k x;kA enk e tfod dkcu dh fufgr ek=kk de 0-35&0-46 ifr'kr d chp cuh jghA lHkh mipkjk l enk e N dh miyC/k ek=kk Hkh de 69-8&92-7 ih ih ,e nt dh x;h tcfd miyC/k QkLQkjl ¼P½ dh ek=kk vkIr l mPp ¼12-8 l 27-27 ih ih ,e½ vkj miyC/k ikVf'k;e ¼K½ dh ek=kk Hkh mPp ¼86-2&128-8 ih ih ,e½ Lrj ij Kkr dh x;hA Mh Vh ih , fu'd"k.k; Fe vkj Cu dh fufgr ek=kk de Kkr gb tcfd lHkh mipkjk e Mn vkj Zn dh ek=kk lkekU; jt e ik;h x;hA lHkh mipkjk e ifÙk;k e N, P, K, Fe, Mn, Zn vkj Cu dh i;kIr fufgr ek=kk Kkr gb vkj mue dkb mYy[kuh; vrj ugh n[kk x;kA

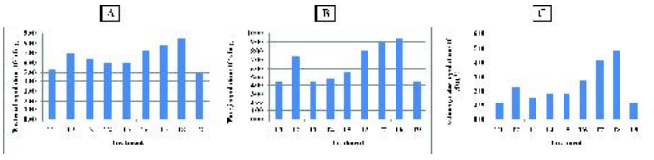
enk d Hkkfrd ekin.Mk ij i:Hkko

;kf=kd fo'y"k.k l ;g Kkr gvk fd enk jrhyh idkj dh Fkh ftl e fpduh feêh dh ek=kk <10 ifr'kr FkhA LFky ?kuRo ¼BD½ vkj d.k ?kuRo Øe'k% 1-29 l 1-44 vkj 2-40 l 2-75 fe-xk- ifr ?ku eh Vj d chp Kkr gvkA to lkrk l mipkfjr enk e vk;ru ?kuRo e deh n[kh x;hA vk;ru ?kuRo e deh j/k vrjkyk vkj fo'k"kdj enk e l{e j/kk e deh d dkj.k gk ldrh gA enk dh lj/krk e tfod [kkn rFkk to mojdk ¼to lkrk½ dk i;kxe yku l i;kIr of) gbA vfèkdre ljèkrk 52-9 ifr'kr nt dh x;h tcfd dVky ¼vumpkfjr½ enk dh lj/krk 40-08 ifr'kr nt dh x;hA to l lk/kuk l mipkfjr enk e ty /kkj.k {kerk e l/kkj Kkr fd;k x;k ¼23-5 ifr'kr½ tcfd vuipkfjr ¼dVky½ enk dh ty /kkj.k {kerk 19-8 ifr'kr nt dh x;hA

enk e l{e thokf.od fØ;kvk ij i:Hkko

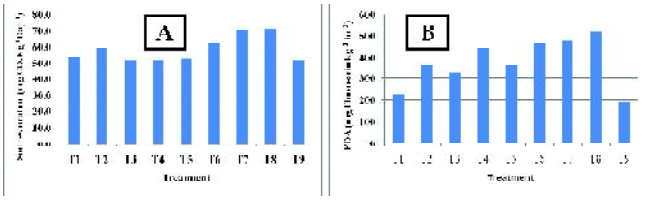
enk e l{e thokf.od fØ;kvk dk l{e thok dh l[;k lCl VV ifjr 'olu ,oa ¶yvkjflu Mkb,flVV fØ;k ¼,QMh ,½ d lnHk e vkdyu fd;k x;kA thok.k] dod vkj ,fDVukekbflfVl dh l[;k ifr xke enk e Øe'k% 4-87 x 10^7 l 8-51 x 10^7] 4-39 x 10^4 l 9-34 x 10^4 vkj 1-16 x 10^5 l

4-80 X 10^5 cfu ¼fuo½ fuek.k bdkb;k½ dh jt e Kkr gvk ¼vkdfr 17½A mipkj T_8 ¼10 fd-xk- FYM $ 50 xke N + 25 xke P_2O_5 $ 50 xke K_2O ifr iM ifr o"k vk;$,tkVkcDVj $ PSM + VkbdkMek gft;kue $ tfod iyokj½ dh fLFkfr e l{e thok.kvk dh vf/kdre tho l[;k nt dh x;hA



vkdfr 17½ ve:n d cxhp dh enk e l{e thok.kvk dh tho l[;k ¼A½ thok.k ¼B½ dod] vkj ¼C½ ,fDVukekbfIfVl

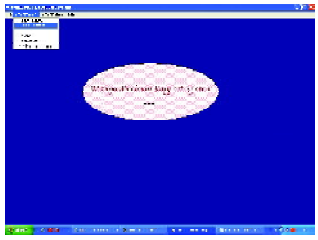
T_8 e enk e mPpre 'olu dh fLFkfr Hkh nt dh x;h ¼72-2 fe-xk- dkcu MkbvkDlkbM ifr fdykxke ifr fnu½ tk dVky ¼vuipkfjr½ enk d lc/k e nt 'olu dh fLFkfr ¼52-0 fe-xk- dkcu MkbvkDlkbM ifr fdykxke ifr fnu½ dh ryuk e lkf[;dh; nf"V l cgrj fLFkfr g ¼vkdfr 18½A T_1 ¼10 fd-xk- FYM $ 120] 60] 50 xke N, P, K ifr iM ifr o"k vk;½ dk NkMdj 230 fe-xk- ¶yvkjflu ifr fd-xk- ifr ?kV d ,Q Mh , l fd, x, lHkh mipkjk dh fLFkfr e dVky ¼193 fe-xk- ¶yvkjflu ifr fd-xk- ifr ?kVk½ dh ryuk e mYy[kuh; :i l mPp ,Q Mh , inf'kr gvkA T_8 l mipkj dh fLFkfr e lClVVk dh cgrj xfr'khyrk inf'kr gb rkfd mPp 'olu fØ;k,] ,Q Mh , }kjk bfxr fd, x, vulkj cgrj lClVV :ikrj.k rFkk ik"kd inkFkk dh miyC/krk e of) gk ldA



vkdfr 18½ ve:n d cxhp dh enk e A. enk 'olu ,o B. ,Q Mh fØ;kdyki

mRiknu e of) dju d fy, fu.k; leFkku i.kkyh ¼Mh , l ,l½

fdLe rFkk LFkyp;u dfy, lefdr l?kVdk d :ie fo'k"kK i.kkyh ekM;yk l ;Dr ,d ikVkVkbi fu.k; leFku i.kkyh fodflr dh tk jgh g ¼vkdfr 19½A ;g i.kkyh ifjiDork vof/k¼io@vkl r@foyfcr½ vkdkj vkj@;k Qy dh mi;kfxrk ¼ijkl tku d fy,] pldj [kku d fy, ;k Qy dk iLdj.k dju d fy,½ d vkèkkj ij mi;Dr fdLek d lc/k e lLrfr inku djrh g ¼vkdfr 20½A ;g lLrr dh x;h fdLek d foLrr vfHky{k.kk d ckj e Hkh crkrh gA mi;Dr LFky dk p;u dju d fy, bl ekM;y d vrxr LFky lc/kh rhu ifjfLFkfr;k vFkkr enk dk pH eku ¼< 5-5] 5-5&7-5] > 7-5½ enk dh fdLe ¼jrhyh] pêkuh] Hkkjh rFkk nkeVh&jrhyh enk½ vkj enk l ty fu"dklu ¼ty dk i.kr½ fu"dklu dju okyh enk] tyifjr enk½ d ekuk ij fopkj fd;k tkrk g ¼vkdfr 21½A bu ijkehVjk d eY;k d vk/kkj ij i.kkyh }kjk 24 ifjn';k@fodYik dk l tu fd;k tkrk gA i;kDrk d LFky dh n'kk d vulkj ijkehVjk d p;u d vk/kkj ij i.kkyh }kjk lLrfr inku dh tkrh g fd lcf/kr LFky vke dh okf.kfT;d [krh d fy, mi;Dr g vFkok ugh ¼vkdfr 22½A



vkdfr 19½ vke Mh ,l ,l dk e[; LØhu

vkdfr 20½ dYVhoj p;u dk inf'kr djrk gvk LØhu

vkdfr 21½ LFky p;u gr LØhu

vkdfr 22½ fofHkUu LFky ifjfLFkfr;k dk p;u dju d i'pkr LØhu e inf'kr lLrfr

Qly lqj{kk

vke ¼eefUt Qjk bfMdk ,y-½

uk'khdhV tho l[;k xfrdh

Qy eD[kh

lLFkku e vDrcj 2012 l ekp 2013 d nkjku Qjeku Vi yxkdj Qy eD[kh dh tho l[;k l lcf/kr vkdM ,d=k fd, x,A v/;;u dh vof/k d nkjku budh tho l[;k e

vR;f/kd mrkj&p<ko n[kk x;kA tcfd vDrcj&uocj d nkjku tc rkieku rFkk vkif{kd vknzrk ¼vkj- ,p-½ Øe'k% 24-9&30-2° lfYl;l vkj 80&93 ifr'kr Fkh] vi{kkdr mPp tho l[;k nt dh x;hA 34 o rFkk 36 o ekud llrkg d nkjku budh tho l[;k lokPp Lrj ij igp x;h ¼263 o;Ld@Vi@llrkg½A rFkkfi]fnlcj&tuojh] 2013 d nkjku bl l[;k e /khj&èkhj deh vk;h rFkk ekp 2013 e Vi e idMh x;h Qy efD[k;k dh l[;k nk lHkh de ik;h x;hA

Hkuxk@gkij@Qndk vkj fFkll

vke dcxhp e viy 2012 l ekp 2013 d nkjku Hkuxk rFkk fFkll dh tho l[;k d lc/k e vkdM nt fd, x,A Hkuxk rFkk fFkll dh tho l[;k e of) uko ekud llrkg l ikjHk gkdj 42o ekud llrkg rd tkjh jghA ifr i"ixPN Hkuxk dh vklr tho l[;k rFkk ifr iÙkh fFkll dh vklr tho l[;k Øe'k% 0-1&2-42 vkj 0-03&1-52 d chp jghA rFkkfi] 1&8 o vkj 43&52 o ekud llrkgk d chp bu nkuk gh uk'kh dhVk dh tho l[;k l lcf/kr vkdM ,d=k ugh fd, tk ldA

'kV xky lkbyk] e tjh dh fet

fljkyh] xkl ij] ckjkcdh rFkk fl/kkyh] lhrkij vkj lkgkoy] Qtkckn e cjlkr d ckn d ekle ¼2012 l ekp 2013½ d nkjku 'kV xky lkbyk ¼,fl'kykflLVykVk½ dh dkQh vf/kd tho l[;k nt dh x;hA dhV;Dr xkyk e 'kV xky lkbyk d f}rh; vkj rrh; buLVkj mifLFkr FkA ckxk e ifÙk;k dh e/; f'kjk d nkuk vkj vM nu d dkj.k cu Nn Hkh n[k x,A lLFkku d ik;kfxd Qke e 13o ekud llrkg d nkjku xkyh d vkdkj d Qyk ij fet dhV ¼3-57 ifr i"Ik xPN½ fn[kk;h fn,A

xft;k dhV ¼Mkflfdk e fUtQ;h½

xft;k dhV dh iFke mifLFkfr lkgkoky] Qtkckn e tuojh 2013 d igy llrkg d nkjku ¼rkieku 2-0&14-1° lfYl;l] vkif{kd vknzrk 78&93 ifr'kr½ nt dh x;hA Qojh 2013 d igy llrkg d nkjku fl/kkyh] lhrkij vkj efygkckn] y[kuÅ e budh vf/kdre tho l[;k ¼44 ifr i"i xPN½ nt dh x;hA tuojh vkj Qojh 2013 d nkjku] tcfd vklr rkieku 4-06&19-27° lfYl;l d chp rFkk vkif{kd vknzrk 53-7&89-2 ifr'kr d chp vkj /ki f[ky gku dh vof/k ifrfnu 3-7 ?kV Fkh] bldk iknHkko yxHkx 41 ifr'kr nt fd;k x;kA

Ldy dhV

fnlcj 2012 d igy i[kokM d nkjku tcfd vklr rkieku 6-16&25-83° lfYl;l d chp rFkk vkif{kd vknzrk 31-3&76-5 ifr'kr d chp vkj /ki f[ky gku dh vof/k ifrfnu 7-03 ?kV Fkh] ckjkcdh d fljkyh xkl ij vkj e lkyh [kMk d lHkh ckxk e Ldy dhVk dh mifLFkfr nt dh x;hA

jkx

pf.kky vkflrk@[kjkj jkx ¼vkbfM;e e fUtQ;h½

pf.kky vkflrk dh igyh mifLFkfr fnlcj 2012 d vfre llrkg e nt dh x;hA n'kgjh d iMk ij bldh mifLFkfr ekp 2013 d igy llrkg e n[kh x;h tcfd vklr iknHkko 29-8 ifr'kr rFkk vklr mxrk lpdkd 27-2 ifr'kr nt fd;k x;kA ekp d pkFk llrkg e vf/kdre rkieku rFkk vkif{kd vknzrk Øe'k% 31-6° lfYl;l vkj 72-3 ifr'kr nt dh x;h tkjx d rth l fodflrgku d fy, lokf/kd vudy fLFkfr gA bl nkjku iknHkko rFkk mxrk lpdkd dk eku Øe'k% 64-0 vkj 67-5 ifr'kr nt gvkA

e tjh vxekjh ¼Cykbl Cykbl½ ¼dkfyVkbde Xykb;kLikfj;kbfMl@vkYVjufj;k Li-½

o"k 2012 d ckjgo ekud llrkg ¼rkieku 14&33° lfYl;l d chp rFkk vkif{kd vknzrk 30&71 ifr'kr½ d nkjku bl jkx dk vklr iknHkko rFkk e tjh vxekjh dh mxrk Øe'k% 56-0 ifr'kr vkj 22-0 ifr'kr nt fd;k x;kA

mdBk jkx

vke e mdBk jkx mRiUu gku l lcf/kr vkdMk dk nt dju d fy, mÙkj in'k rFkk mÙkjk[kM d vyhx<] cnk;] ckjkcdh] cjyh] fctukj] cyn'kgj] /kkeij] Qtkckn] gjnkb] gfj}kj] dUukt] dkuij] y[keij] y[kuÅ] euijh] ejknckn] et¶Qjuxj] jkeij] lgkjuij] lhrkij vkj mUuko ftyk e lo{k.k fd;k x;kA lo{k.k dk;Øe e 'kkfey fd, x, ftyk e 1 ifr'kr lHkh de jkxxLrrk Kkr gbA mdBk jkx l xLr iMk l foyxu ¼vkblky'ku½ l ;g Kkr gvk fd ru dh Nky vkj dk"B ueuk e ckfV;kfMlykfM;k fFk;kckekb dk lØe.k mifLFkr FkkA tM{k=kh;½jkbtkLQ;j½enk l gkdlykye l bfMdl] gfeØkbdkfuekbfMl efUtQjk] jkfVyUdyl jfuQkfel] Vkbyudkfjdl] ikVkbyUdl] gfydkVkbyUdl

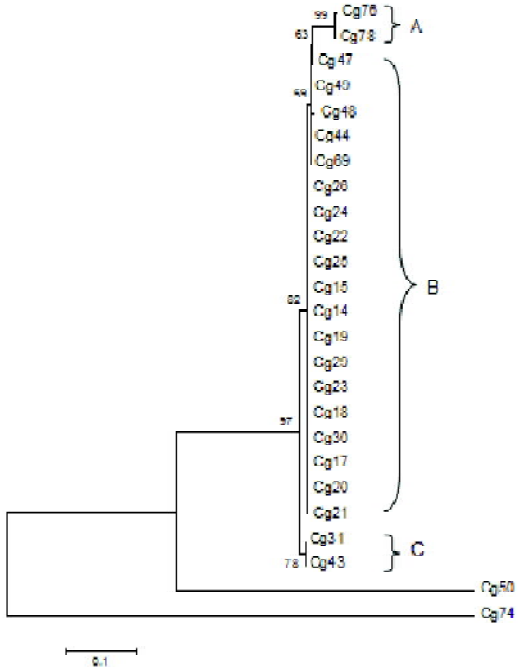
vkj VkbyUdl dk foyfxr fd;k x;kA enk d 95 ifr'kr ueuk e ,p- bfMdl vkj ,p- efUtQjh dh mifLFkfr 95-0 ifr'kr ueuk e ik;h x;h rFkk ifr ?ku l-eh- enk e 1-1 vkj 0-9 l=kdfe dh mifLFkfr Øe'k% 85 vkj 90 ifr'kr fuji{k ckjckjrk d lkFk nt dh x;hA mdBk jkx l xLr nk iMk ij Ldkfyfv M chVy dk lkgp; nt fd;k x;kA yxHkx lHkh er iMk e ruk Hknd dk lgp; ik;k x;kA

Qyk dk LdU/k Hkjkiu ¼'kkYMj ckmfux½

tykbZ 2012 eghu d nkjku mÙkj in'k vkj mÙkjk[kM d 11 ftyk e fd, x, lo{k.k l ;g Kkr gvk fd cjlkr d 'k: gku d lkFk gh tykbZ d rhlj llrkg d nkjku vke d Qyk dk Åijh Hkkx Hkj jx dk ¼10 ifr'kr½ gku yxk ¼'kkYMj ckmfux½A tykbZ d vfre llrkg e blu mx : i ¼95&100 ifr'kr½ /kkj.k dj fy;kA vkx v/;;u dk; fd;k tk jgk gA

,UFkDuk t ¼dkfyVkVkbde Xykb;kLikjkbfMl½

,UFkDuk t lØe.k tykbZ 2012 d nkjku o"kk d vkjHk gku d lkFk gh u;h fufer ifÙk;k ij n[kk x;k tk uocj 2012 d nkjku vf/kdre ¼56-6 ifr'kr½ Lrj ij igp x;k tcfd jkx dk mxrk 12-8 ifr'kr Kkr fd;k x;kA

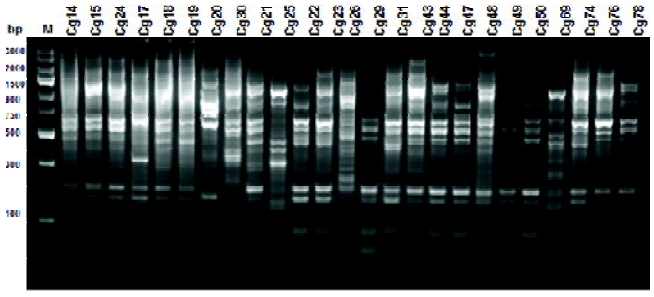


vkdfr 23% *Ih- fXyb;kLikjkbfMl* d vkb-Vh-,l- lhDoUl vkèkkfjr vu:VM Qkbyktfud Vh- ckj 0-1 U;fDyvkVkbM ifjoru ifr lkbV

fofo/krk fo'y"k.k

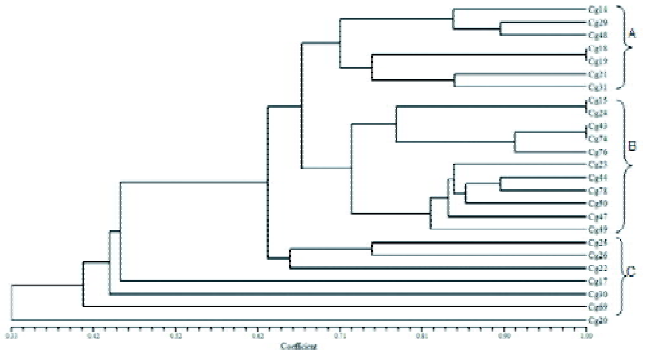
Hkkjr d 6 df"k&ikfjfLFkfrdh {k=kk l lxghr fd, x, dkfyVkVkbde Xykb;kLikfj;kbfMl d vkblkyVk dk Dokbtu (Qiagen) ty fu"d"k.k fdV dk i;kx dj ih lh vkj mRikn d 'kk/ku d }kjk fofo/krk fo'y"k.k fd;k x;kA ,UFkDuk t jkxtudk d lHkh 25 vkblkyVk dk vkf.od vfHkfuèkkj.k rFkk mudh 'kkjhfjd ljpuk d ckj e tkudkjh ikIr dju d fy, io/ku rFkk vuØe.k fd;k x;kA ,u lh ch vkb thu cd }kjk U;fDy;kVkbM vuØek dk lR;kiu fd;k x;k rFkk lHkh vkblkyVk dh lh- fXyvkLikfj;kbfMl d :i e igpku dh x;hA bu U;fDy;kVkbM vuØek dk mud vkuof'kd lc/k dk le>u d fy, Qkbyktufvd vFkkr tkfr o'k iMk ikIr dju gr mi;kx e yk;k x;k ¼vkdfr 23½A vkb Vh ,l 1 $ 5-85 $ vkb Vh ,l 2 ij vk/kkfjr Qkbyktufvd iMe ,d ,dy ie[k DyM ch vkj nk ekbuj DyM ,vkj DyM lh ikIr g,A DyM ,lh- th- 76 vkj lh- th- 78 dk fu:fir djrk g tk nkiky h] egkjk"V l lcf/kr g vkj blu mPp dkfV d vuØe le tkrh; rk dk inf'kr fd;kA lh- Xykb;kLikjkbfMl d vkblkyV lh- th- 50 vkj lh- th- 74 vyx&vyx Fk] tk mlh df"k&ikfjfLFkfr {k=k nkiky h] egkjk"V l ikIr fd, x, vkblkyV FkA lh- th- 31 vkj lh- th- 43 tkDyM lh- emifLFkr Fk mÙkj in'k d nk vyx&vyx {k=kk l ikIr fd, x, fdr ;vkuof'kd nf"V l ,d&nl j d vf/kd fudV gA Qkbyktufvd iM e vf/kdk'k vkblkyV DyM ch- emifLFkr Fkft l l mPp dkfV dh vkuof'kd lekurk inf'kr gbA Hkkjr d fofo/k ikfjfLFkfrdh {k=kk l ,d=k fd, x, lh- fXyvkLikjkbfMl d lHkh 25 vkblkyVk dh fQxjfifVx d fy, b vkj vkb lh&ih lh vkj (ERIC-PCR) vk/kkfjr ikbej i;kx e yk, x,A fofHkUu rkiku'khru rkiekuk rFkk exuhf'k;e DykjkbM lknrk dk b"Vreh dj.k fd;k x;kA 48° lfYl ;l rkiku'khru rkieku ij rFkk exuhf'k;e DykjkbM d 1-5 ,e-,e- lknrk ij mPp rhork cM Kkr fd, x,A yxHkx lHkh vkblkyVk e nk mHk;fu"B cM ¼200 vkj 600 ch-ih-½ mifLFkr ik, x,A 200 ch-ih- cM lh- th- 20] lh- th- 25] lh- th- 26 vkj lh- th- 69 vkblkyVk e ek tn ugh Fkk] tcfd lh- th- 21] lh- th- 23] lh- th- 26] lh- th- 49 vkblkyVk e 600 ch-ih- cM dh mifLFkfr ugh ik;h x;h ¼vkdfr 24½A vr% o{k vkj[k dk fufer dju d fy, lkekU;] rho vkj rh{k.k cMk dk i;kx e yk;k x;kA ge lh- Xykb;kLikjkbfMl d fofHkUu vkblkyVk d chp ftukfed fQxjfifVx rFkk lkFk gh vkuof'kd lc/k Hkh LFkkfir dju e lQy jgA rFkkfi] fofHkUu

vkblkyVk e ,dgh vkdkjdcMk dh rhorke vrjuVEiyV ij fcnmRifjoru dk inf'kr fd;kft ldkj.k ikbejk d LFkkf;Ro e deh vk;h ;k mudk fuEu rkiku'khrun[kk x;kA lh-Xykb;kLikjkbfMl vkblkyVk d fQxj fiV d vk/kkj ij mifLFkfr ¼1½] vuifLFkfr ¼0½ vkj rho cfMx iVu ij fopkj djd ;ih th ,e , (UPGMA) fof/k dk i;kx djrg, ,d o{k vkj[k fufeir fd;kx;kA



vkdfr 24% lh- Xykb;kLikjkbfMl dk b vkj vkb lh&ih lh vkjA yu ,e ,Dlil Mh ,u , lkiku 100 ch-ih- vkj yu 1&25 fofHkUu vkblkyV

dy 25 vkblkyVk e fofHkUu df"k&ikfjfLFkfrdh; {k=kk e vPN lc/k inf'kr gku d dkj.k bue dy 13 LFkkuk ij fopkj fd;kx;kA lh-Xykb;kLikjkbfMl d fofHkUu vkblkyVk d o{k vkj[k d vk/kkj ij rhu ie[k DyM ,-]ch- vkj lh- ikIr fd, x,A fQxj fiV e fofHkUu df"k&ikfjfLFkfrdh; {k=kk e i;kIr vkuof'kd vrj Kkr fd, x,A fdrfl yhxMh ¼if'pe cxky½ l ikIr fd, x, vkblkyV lh-th-25 vkj lh-th-26 ,d gh DyM lh-e mifLFkr ik, x,A ,d gh DyM ,e mifLFkr mÙkj in'k l ikIr fd, x, vkblkyV lh-th-21 vkj lh-th-31 e dkQh mPp Lrj rd vkuof'kd lekurk Kkr gbA tcfd



vkdfr 25% lh- Xykb;kLikjkbfMl d fofHkUu vkblkyVk e mifLFkr b vkj vkb lh vuØek d Mh ,u , cMk d vk/kkj ij ; ih th ,e , fof/k dk i;kx djd fufeir fd;kx;k o{k vkj[k

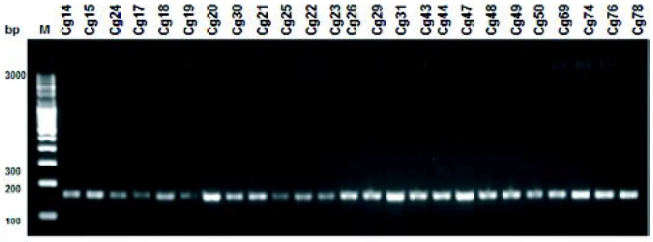
lh-Xykb;kLikjkbfMl d iR;d vkblkyV }kjk fHkUu&fHkUu cfMx iVu inf'kr fd;kx;kA

uinkfudh

dkyVkVkbde fXyvkLikjkbfMl dk vk.kfod vfHky{k.k

fofHkUu df"k&ikfjfLFkfrdh {k=kk l ,d=k fd, x, dkyVkVkbde fXyvkLikjkbfMl d fofHkUu vkblkyVk dk 8 ikbejk d ,d lePp; dk i;kx dj vkf.od vfHkfu/kkj.k fd;kx;kA ih lh vkj vfHkfØ;k d i'pkr lHkh vkbVh ,l mRikn k dk vuØfer fd;k x;kA dkyVkVkbde Xykb;kLikjkbfMl d vkbVh ,l dU;fDy;kVkbM vuØek dk ljf[kr ¼DyLVjy ,Dl 1-83½ fd;kx;k rFkk ljf{kr {k=k dk ikbej vfHkdYiu ¼vk ,u vkbth vk 4-0½ d fly, p;u fd;kx;k rFkk jk lk;fud fo'y"k.k fd;kx;kA vfHkdfYir ikbejk dh letkrh;rk d lR;kiu gr thucd e mifLFkr vU; vuØek l lkFk ryuk Hkh dh x;hA

,u lh ch vkb&thucd l dkyVkVkbde Xykb;kLikjkbfMl d ,&V;cyhu ¼V;c 2½ d vkf'kd thu vuØe dk ,u lh ch vkb thucd l iu% ikIr fd;kx;k ¼vokfIr l[;k t-,Dl 427454] t-,Dl 827453] t-,u- 121298] th-D;- 849434 vkj t-,Q- 811022½A bu U;fDy;kVkbM vuØek dk lxPN ,Dl 1-83 dk i;kx dj ljf[kr fd;kx;k rFkk ikbej vfHkdYiu ¼vk ,y vk th vk 4-0½ d fly, vR;f/kd ljf{kr {k=k dk p;u fd;kx;kA vfHkdfYir ikbej vuØek dh thu cd MVkcl e mifLFkr vU; vuØek d lkFk ryuk dh x;h vkj bl idkj budh igpku rFkk l:irk dk lR;kiu fd;kx;kA lokf/kd b"Vrehdr rkiku'khru rki ¼52° lfY;l;l½ vkj 2-0 ,e-,e-eXuhf'k;e Dykjkb M ikIr fd;kx;k ¼vkdfr 26½A ;u; vfHkdfYir ikbej lh-Xykb;kLikjkbfMl d lHkh 25 vkblkyVk d vk.kfod vfHkfu/kkj.k gr mi;kxh fl) gk ldr gA fofHkUu dodh; jkxtudk t l fd dkyVkVkbde dfll dh] dkyVkVkbde QydVe] ¶;tfj;e vkfDlLikje] ,Q- lkykuh] jkb tkDVkfu;k lkykuh] vkYVufy;k itkfr rFkk VkbdkMek itkfr t l fofHkUu dodh; jkxtudk d lkFk u; vfHkdfYir ,u lh ch vkb CykLV vkj ih lh vkb io/kue dkb Hkh f=k;d&vfHkfØ;k'khyrk Kkr ugh gbA bl l;g lfpr gvk fd vfHkdfYir ikbej lh-Xykb;kLikjkbfMl d llpu gr vR;f/kd fof'k"V gA



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ve:n ¼flfM;e xkrkok ,y-½

Qy eD[kh

tho l[;k lkcf/kh xfrdh

vDrcj 2012 l ekp 2013 dnkjku QjkekuVi yxkdj Qy eD[kh dh tho l[;k l lcf/kr vkdM ,d=k fd, x,A v/;;u dh vof/kd nkjku budh tho l[;k e vR;f/kd mrkj& p<kon[kk x;kA vDVcj&uocj dnkjku tcfd rkieku rFkk vkif{kd vknzrk ¼vkj-,p-½ Øe'kh 24-9&30-2° lfYl;l vkj 80&93 ifr'kr Fkh] vi{kkdr mPp tho l[;k nt dh x;hA 34o ekud llrkg dnkjku budh tho l[;k lokPp Lrj ij igp x;h ½242 o;Ld@Vi@llrkg½A

mdBk jkx

mdBk jkx l lcf/kr dod rFkk l=kdfe;k dh tho l[;k xfrdh

ik/kd LokLF; dh fLFkfr dh ryuk e dod rFkk l=kdfe dh tho l[;k e of) n[kh x;hA dod e ¶;tfj;e vkfDlLikje] ,Q- lkykuh] yfl;kfMlykfM;k fFk;kckeh] VkbdkFkhfl;e Li-] VkbdkMek gft;kue] LDyjkfl;e jkYQlkb] DyMkLikfj;eLi-] ,Lijftyl Li- rFkk l=kdfe;k e ikVkbyUdl Li-] gfydkVkbyUdl MkbfgLVjk] gklykyel bfMdl] jkVkbyUdyl jfuQkfel ie[k tujk@Lifl t d :ieKkr g,A rFkkfi] mifLFkr dh ckjckjrk e ik/kd LokLF; rFkk lkFk gh eghu d vulkj Hkh ifjoru n[kk x;kA ik/kd mdBk jkx l xLrrk d lkFk gh ¶;tfj;e vkfDlLikje d ikn Hkko e Hkh of) n[kh x;hA flrcj d eghu e bldh l[;k tM d vklkl d Hkkx e 21-05&14-29] 39-29] 33-3 vkj 57-14 ifr'kr Fkh tk ik/kk e Øe'kh 5&10] 25] 50] 75 vkj 100 ifr'kr mdBk jkx xLrrk dk n'kkrh gA bld foijhr LoLFk ik/kk e ;g l[;k 20-27 ifr'kr FkhA bl lc/k e ik/k d tM Hkkx d vklikl bu jkx tudk dh tho l[;k l lcf/kr lxr vkdMk Øe'kh 3-51] 23-94] 25-37] 44-44] 47-83 vkj 5 ifr'kr FkkA vDVcj rFkk tuojh eghuk d nkjku Hkh blh idkj d #>kun[kx,A l=kdfe;k dh tho l[;k] ftue 0;kid :i l gfydkVkbyUdl MkbfgLVjk] gklykyel bfMdl] ikVkbyUdl Li- dh ie[krk Fkh] }kjk Hkh blh idkj dk #>ku inf'kr fd;kx;kA

ve:n d ik/kk d ldj rFkk lonu'khy eyo Ur e ik, tku oky dod rFkk l=kdfe

dod rFkk l=kdfe;k dh tho l[;k l ouLifr@tho tr l?kVu e rFkk mud mRiUu gku dh ckjckjrk d lc/k e Hkh dkbmYy[kuh; rFkk lLi"V #>ku inf'kr ugh gkrk gA

tykb d eghu d nkjku ¶;tfj;e vkfDlLikje d ikn Hkko dh ?kVuk mdBk jkxjk/kh ldj ey oUr e 14-8 l 79-17 ifr'kr d chp n[kh x;h tcfd bld lonu'khy foijhr eyoUr e ;g ifr'kr 14-63 l 63-27 d chp jgkA uocj eghu d nkjku nkuk idkjk d eyoUrk e ¶;tfj;e vkfDlLikje dh tho l[;k vi{kkdr de jghA bud ikn Hkko dh ckjckjrk ldj rFkk lonu'khy idn@eyoUr e Øe'kh 6-94 l 11-22 vkj 3-6 l 18-37 ifr'kr d chp jghA

mdBk jkx l iHkkfor ik/kk e thok.kvk rFkk ,fDVukekbflfVl dh tho l[;k

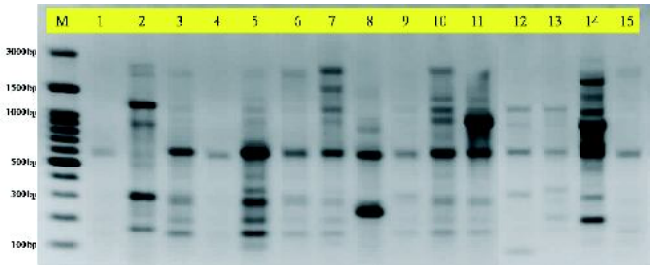
mdBk jkx l iHkkfor cxhp dh enk e dod dh tho l[;k e 8 l 30 ifr'kr dh of) rFkk thok.kvk rFkk ,fDVukekbflfVl dh tho l[;k e Øe'kh 17 l 24 ifr'kr vkj 28 l 33 ifr'kr dh deh nt dh x;hA bl l mdBk jkx e dod dh lHkkfor Hkfedk dk Li"V irk pyrk gA cxhp dh LoLFk enk l thok.kvk d 55 vkblkyV ikIr fd, x,A mdBk jkx d jkxtud d fo#) mud ifrjk/kh fØ;kdykik dk vè;;u fd;k tk jgk gA

fofo/krk fo'y"k.k

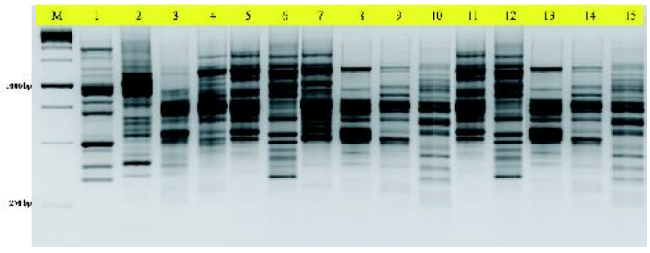
vkj bl ih (REP)] ch vk ,Dl (BOX) vkj bl vkj vkbl lh& ih lh vkj (ERIC-PCR)

vkblkyVk d chp vrj dk Kkr dju d fy, ,UVjkcfDVfj;y fjihfVfVo bVjtfud dUlUll lhDoUl

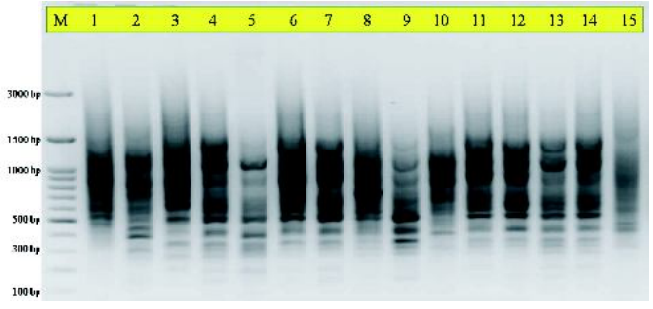
¼bZ vkj vkbZ lh½] fjihfVfVo ,DLVkt fud ifyuMkfed lhDoUl ¼vkjbZ ih½ vkj ch vk ,DI vo;ok d vk/kkj ij gkye fodflr dh x;h Mh ,u , fQxj fifVx fof/k;k dk i;kx fd;k x;kA i;kxe i;Dr lHkh vkbZkyVke vkj bZ ih 1 vkj vkj bZ ih 2 ikbej dk i;kx e yku ij ,d lekU; 600 ch-ih- cM iVu Kkr gvkA rFkkfi] vkbZkyV 2] 3] 15 vkj 16 u ,d fHkUu cM iVu inf'kr fd;k ft ll vkbZkyVke vkuof'kd fofo/krk



vkdfr 27% vkj bZ ih 1 vkj vkj bZ ih 2 ikbej dk i;kx djd ikfyejt Ük[kyk vfHkfØ;k fQxj fiV iVu dk ,xjkl ty o|r d.kksa dk lpyuA yu 1&5 % ,Q vkD/kLikje ,Q- Liflt /kbfM vkbZkyV] yu ,e % 100 ch-ih- Mh ,u , lkiku thukbM



vkdfr 28% ch vk ,DlI ,&1 vkj ikbej dk i;kx djd ikfyejt Ük[kyk vfHkfØ;k fQxj fiV iVu dk ,xjkl ty o|r d.kksa dk lpyuA yu 1&5 % ,Q vkD/kLikje ,Q- Liflt /kbfM vkbZkyV] yu ,e % 100 d ch Mh ,u , lkiku ¼thukbM½



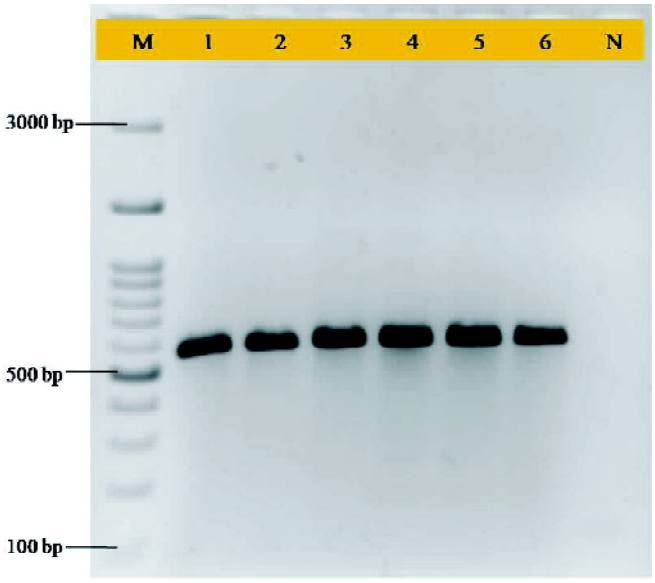
vkdfr 29% b vkj vkbZ lh&1 vkj vkj bZ vkj vkbZ lh&2 ikbej dk i;kx djd ikfyejt Ük[kyk vfHkfØ;k fQxj fiV iVu dk ,xjkl ty o|r d.kksa dk lpyuA yu 1&5% ,Q- vkD/kLikje ,Q- Liflt /kbfM vkbZkyV] yu ,e % 100 ch-ih- Mh ,u , lkiku ¼thukbM½

dk irk pyrk g¼vkdfr 27½A blh idkj] ch vk ,DI ,&vkbZ vkj (BOXA-IR) ¼vkdfr 28½ vkj bZ vkj vkbZ lh&bZ vkj ,o bZ vkj vkbZ lh 2 ¼vkdfr 29½ ikbejk d lc/k e fHkUu cM iVu ikIr g,A vr% bu ikbejk dk ¶;tfj;e vkDlhLikje d vkbZkyVke e vkuof'kd fofo/krk dk Kkr dju d fy, i;kxe yk;k tk ldrk gA

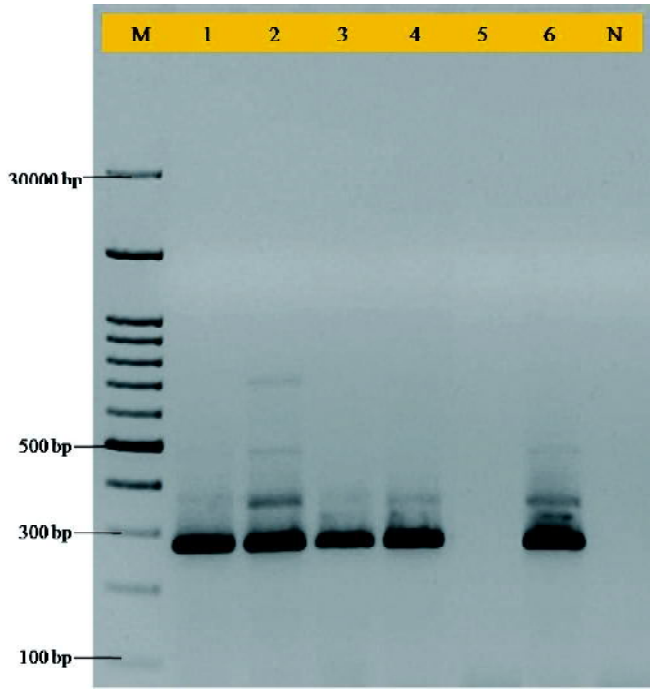
unkfudh

¶;tfj;e vkDlhLikje ,Q-Liflt lkbfM ¼,Q vk ih½ d funku gsrq lh/k&lh/k i;kxe yk, x, ikfyejt Ük[kyk vfHkfØ;k ¼ih lh vkj½ lpu eY;kdu

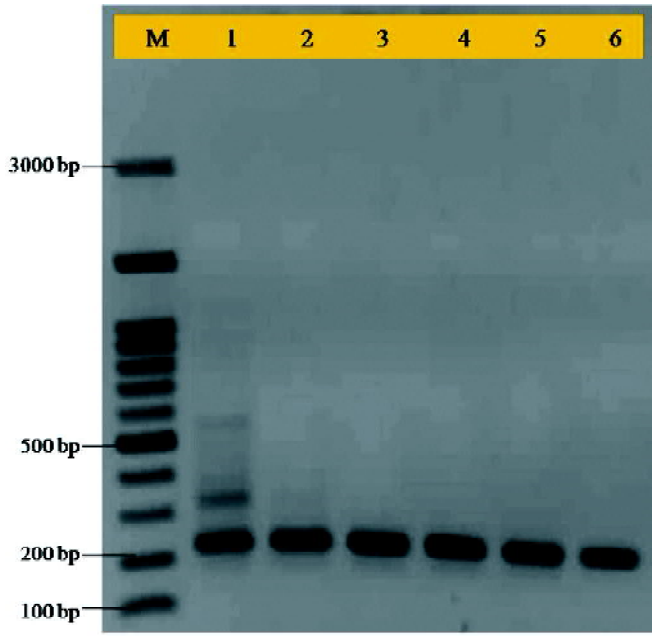
,Q vk ih vkbZkyVk d dodh; vkj-Mh-,u-,- d bVjuy VkIØkbCM Lij ¼vkbZ Vh ,l½ {k=k dk iof/kr dju d fy, ,d fuog ih lh vkj ;U=k fodflr fd;k x;k g rkfd vkf.od dk;ksa e fufgr ykxr] le; vkj Je ?kVdk dk de fd;k tk ldA bld fy, ikbejk d rhu lV i;kxe yk, x, ft ll Øe'k% 570] 230 vkj 280 ch ih- d ,fElydku vkdkj ikIr g, tk fof'k"V l?kVdk d lxr FkA ¶;tfj;e Li- d vkbZ Vh ,l vkb&5-8 ,l vkbZVh ,l 2 {k=k dk vkbZ Vh ,l&1 vkj vkbZ Vh ,l&4 ikbejk dk i;kx dj io/ku fd;k x;k ft ll lHkh vkbZkyVke yxHkx 570 ch-ih- d ÝxeV ikIr g,A bll ;g Kkr gvk fd ¶;tfj;e vkbZkyVke vkbZ Vh ,l $ 5-8 ,l] vkj-Mh-,u-,- {k=k e vkdkj e dkbZ ifjoru ugh gvkA vkdfr 5e ih lh vkj mRikn dk iR;kf'kr ,fElydku vkeki Kkr gvk rFkk ih lh vkj io/ku dk dkbZ Hkh vojk/kd fn[kk;h ugh fn;kA ¶;tfj;e Liflt rFkk ,Q vkDlhLikje] ,Q- Liflt lkbfM dk llfpr dju d fy, Øe'k% ikbej ;Xek vkbZ Vh ,l vkbZ ,Q@vkbZ Vh ,l vkbZ vkj rFkk ,d uofodflr ikbej 172 ,Q@447 vkj dk i;kxe yk;k x;k ft lu ,d fof'k"V ÝxeV dk iof/kr fd;k A nkuk gh ekeyk e io/ku lQyrkiod ikIr fd;k x;k] rFkk iR;kf'kr vkdkj& unkfud cM vFkkr ¶;tfj;e Liflt d fy, 230 ch-ih- rFkk xkikyxt ¼fcgkj½ l ikIr fd, x, Qki- vkbZkyV&206 ¼¶;tfj;e Liflt½ d fy, 380 ch-ih- dk vkbZ Vh ,l vkbZ ,Q@vkbZ Vh ,l vkbZ vkj ikbejk dk i;kxe ykdj iof/kr fd;k x;k fdr 172 ,Q@447 vkj ikbej dk i;kxe yku ij dkbZ io/ku ugh n[kk x;kA vif{kr mRikn k e vi{kk d vu: i io/ku ikIr fd;k x;k ¼vkdfr 30] 31 vkj 32½A



vkdfr 30% ikbejk vkb Vh ,l 1@vkb Vh ,l 4 dk i;kx djd ih lh vkj&iof/kr mRiknk dk ,xjkl ty o|r d.klpyuA yu ,e % 100 ch-ih- Mh-,u-,- lkiku ekdj] yu 1&6 % ,Q- vkDlhLikje ,Q- Liflt lkbfM vkblkyV] yu ,u % _.kkRed dVky ¼dH$_2$O½A



vkdfr 32% ikbejk 172 ,Q@447 vkj dk i;kx djd ih lh vkj&iof/kr mRiknk dk ,xjkl ty o|r d.klpyuA yu ,e % 100 ch-ih- Mh-,u-,- lkiku ekdj] yu 1&6 % ,Q- vkDlhLikje ,Q- Liflt lkbfM vkblkyV] yu ,u % _.kkRed dVky ¼dH$_2$O½A



vkdfr 31% ikbejk vkb Vh ,l 1 ,Q@ vkb Vh ,l 1 vkj dk i;kx djd ih lh vkj&iof/kr mRiknk dk ,xjkl ty bo|r d.klpyuA yu ,e % 100 ch-ih- Mh-,u-,- lkiku ekdj] yu 1&6 % ,Q- vkDlhLikje ,Q- Liflt lkbfM vkblkyVA

i:c/ku

ik/k d Fkkyk e 6 VhVeUV] f t ue uhe dh [kyh ¼1@2 fd-xk-½] 10 xke VkbdkMek gf t ;kue d lkFk uhe dh [kyh ¼1@2 fd-xk-½] dEikLV [kkn ¼1@2 fd-xk-½] 10 xke VkbdkMek gf t ;kue d lkFk 1@2 fd-xk- dEikLV [kkn] 1@2 fd-xk- dEikLV [kkn ij mxk, x, 10 xke VkbdkMek gf t ;kue dk ,d ckj] nk ckj vkj rhu ckj vkjkfir fd;k x;kA f t l mipkj e 45 fnu d vrjky ij vk/kk fd-xk- uhe dh [kyh dk rhu ckj Mkyk x;k Fkk] m l e Qjojh 2010 d nkjku l c l de ek=kk e mdBk jkx ¼fofYVx½ ¼3-75 ifr'kr½ mRiUu gvkA f t u ik/kk dk bl idkj mipkj fd;k x;k Fkk] o uocj 2012 rd LoLFk cu jgA rFkkfi] fn l cj vkj tuojh d nkjku bl idkj d mipkfjr ik/kk e dN ek=kk e ¼1-25 ifr'kr½ fofYVx n[kk x;kA f t u ikèkk dk uhe dh [kyh l doy nk ckj mipkfjr fd;k x;k Fkk] mue Qjojh d eghu e 27-5 ifr'kr dh nj l mdBk jkx ¼fofYVx½ dh mifLFkfr n t dh x;hA bl mipkj e tM d vk l ik l dh Hkfe e ¶;tfj;e vkDlhLikje vkj ¶;tfj;e lkykuh dh tho l[;k Øe'k% 7-17 ifr'kr vkj 1-97 ifr'kr n[kh x;hA n l jh vkj] bl mipkj e ,Lijf t y l ukb t j dh tho l[;k 64-32 ifr'kr n[kh x;hA f t u ik/kk dk

fdlh Hkh idkj l mipkj ugh fd;k x;k Fkk] mudh tM dh vklikl dh enk e 100 ifr'kr mdBk jkx dh mifLFkfr n[kh x;h] ogh ¶; tfj;e vkDlhLikje dh vf/kdre tho l[;k ¼42-34 ifr'kr½ mifLFkr ik;h x;hA bu ik/kke ,Lijfty l ukbtj dh tho l[;k dk mnHkou lcl de ¼9-65 ifr'kr½ gvkA ijh rjg l mdBk jkx d f'kdkj ik/kke ¶; tfj;e vkDlhLikje dh tho l[;k Hkh vf/kdre ¼53-28 ifr'kr½ ik;h x;hA ftu ikèkk dk uhe dh [kyh l rhu ckj mipkfjr fd;k x;k] mudh tM dh vklikl dh enke ¶; tfj;e vkDlhLikje] ,Q- lkykuh vkj ,Lijfty l ukbtj dh tho l[;k Øe'k% 15-56 ifr'kr] 2-27 ifr'kr vkj 58-27 ifr'kr n[kh x;hA doy uhe dh [kyh l mipkfjr ik/kke ikni ijthoh l=kdfe;k vkj fo'k"kdj ikVkbyUdl Lifl t] gfydkVkbyUdl MkbfgLVtk] gkIykyel bfMdl dh tho l[;k u Hkh blh idkj d #>ku dk inf'kr fd;kA nljh vkj] tk ik/k mdBk jkx l ijh rjg l xflr gk x,] mue l=kdfe;k dh tho l[;k dk Lrj dkQh de FkkA

mÙkj in'k d cnk;u fty d ve:n mRiknu {k=k e l=kdfe;k dh mifLFkfr

ve:n ¼fdLe iHkkr½ d ,d ,o nk o"k dh vk; oky ikèkk e tMk dh xkB ij l=kdfe;k ¼eykbMkxkbu Lifl t½ dk vR;fèkd l[;k e lØe.k ik;k x;kA ik/k jki tku d ,d o"k d Hkhrj er gku yxA ik/kk dh tMk e l=kdfe;k dh lcl vf/kd tho l[;k ¼200&250 l=kdfe ifr xke tM½ nt dh x;hA bld foijhr] ik/k dh tM d vklikl dh enk e budh tho l[;k dk Lrj dkQh de ¼5&10 l=kdfe ifr xke enk½ ik;k x;kA tM dh xkB e ik, tku oky l=kdfe;k

vkdfr 33% mÙkj in'k d cnk; fty e :V ukV l=kdfe l Hkkjh l[;k e lØfer ve:n d ik/k

d vfrfjDr] lfiy l=kdfe;k] ykUl l=kdfe vkj jfuQke l=kdfe dh tho l[;k Hkh nt dh x;h ¼vkdfr 33½A

l=kdfe uk'kh tho

vke

vDrcj 2012 l ekp 2013 d chp y[kuÅ fty e mdBk jkx l xflr vkj LoLFk vke d iMk dh tMk d vklikl dh enk l 20 enk@tMueu lxghr fd, x,kA bu ueuke ikni ijthoh l=kdfe;k d 7 tkfr;k ¼gkIykyel bfMdl] gfeØkbdkuekbfMl efUtQjh] jkfVyUdyl jfuQkfel] Vkbyudkfjdl Lifl t] ikfVyUdl Lifl t] gfydkVkbyUdl Lifl t vkj VkbyUdl Lifl t½ ik;x,A rFkkfi] ifr ?ku l-eh- enk e 1-1 l=kdfe;k dh tho l[;k e gkiykyel bfMdl lokf/kd vf/kd l[;k e mifLFkr ik, x,A gfeØkbdkuekbfMl efUtQjk dh mifLFkfr 90 ifr'kr enk ueuke lokf/kd ik;h x;hA

ve:n Qy eD[kh d fo#) dhV jkx tud l=kdfe;k ¼lh vkbZ ,l ,p bZ ih ,u ,l th&1½ dh jkx tudrk

dnh; mik".k ckxckuh lLFkku] y[kuÅ d ve:n d cxhp dh enk l fLVujuek Lifl t dk ,d LVu foyfxr fd;k x;k vkj ml lh vkbZ ,l ,p bZ ih ,u ,l th&1 uke fn;k x;kA i;kx'kkyk dh n'kkvk d vrxr fLVujuek Lifl t ¼lh vkbZ ,l ,p bZ ih ,u ,l th&1½ d ifr cVkl jk Mkj lkfyl ¼Qy eD[kh½ dh lonu'kh yrk dk eY;kdu fd;k x;kA bl dh n{krk dk nk lpkj.k Lrjk ¼50 vkj 500 lØked r#.k@dhV½ ij ijh{k.k fd;k x;kA dhVk l de lpkfjr fd, tku ij fdlHkh ik/k eeR; nj ugh n[kh x;h fdr vf/kdre l?kurk ¼500 lØked r#.k ifr dhV½ dh fLFkfr e rhlj buLVkj Qy eD[kh ykok e 50 ifr'kr eR; nj nt dh x;hA

vk.kfod ;U=kk dk mi;kx djd dhV jkx tud l=kdfe;k dh jkx tudrk ¼lh vkbZ ,l ,p bZ ih ,u ,l ,e&1] lh vkbZ ,l ,p bZ ih ,u ,l th&1½ dh igpku djuk

lLFkku d Øe'k% vke vkj ve:n d cxhpk dh enk l dhV jkx tud l=kdfe fLVujuek Lifl t ¼lh vkbZ ,l ,p bZ ih ,u ,l ,e&1 vkj lh vkbZ ,l ,p bZ ih ,u ,l th&1 LVu½ dk foyfxr fd;k x;kA jkbcklkey Mh- ,u- ,- d vkb

Vh ,l {k=k l lcf/kr vkf.od ijkehVjk d vk/kkj ij bu l=kdfe;k dh igpku dh x;hA dhVjkxtud l=kdfe;k l ftukfed Mh ,u , dk foyfxr djus dfy, ,d ikVkdky dk ekudhdr fd;k x;kA 18S rDNA {k=k io/ku dfy, ih lh vkj ikVkdky dk b"Vrehdj.k fd;k x;k ¼50 ,u- th- Mh- ,u- ,- VEiyV] 0-5 ,e- ikbej] 2 ,e-,e-eXuhf'k;e DykjkbM] 55° lfYl;l ijrkiku'khru rkiekud lkFk½A itkfr fof'k"V ikbejk dk i;kx djd fLVujuek Lifl t d Mh ,u , dk iof/kr fd;k x;k ftl ls 1000 ch-ih- vkdkj dk io/ku ikIr gvkA thu,M ih lh vkj vkj Dyhu&vi fdV dk i;kx djd ih lh vkj mRikn ¼1000 ch-ih½ dk 'kkf/kr fd;k x;k rFkk itkfr;k d vu:i vuØe vfHky{k.k fu/kkfjr fd;k x;kA

rMkb mijkr ic/ku

vke ¼efUt Qjk bfMdk ,y-½

;k=kh dj.k

ifj"dr lh vkb ,l ,p vke rkMd ;=k dk eYy;kdu

dnh; mik".k ckxckuh lLFkku }kjk fodfIr vke rkMd ;=k dk vk'kkf/kr fd;k x;k rFkk mldk lLFkku d vke d cxhp e ijh{k.k fd;k x;kA ;=k dk ijku vke rkMd ;=k] LFkkuh; tkyk gkoLVj rFkk ijEijkxr fof/k vFkkr 'kk[kkvk dk fgyku rFkk Qyk dk ,d 'khV ¼pknj½ ij ,df=kr dju dh fof/k ¼,l ch lh ,Q½ l ryuk dh x;hA vk'kkf/kr vke rkMd ;=k] ijku vke rkMd ;=k] LFkkuh; tkyk gkoLVj vkj ,l ch lh ,Q dk i;kx dj vke dh rMkb dju dh {kerk Øe'k% 572] 525] 360 vkj 368 Qy ifr ekuo ?kVk ik;h x;hA bu fof/k;k d i;kx }kjk rkMx, Qyk e {kfrxLr Qyk dk ifr'kr Øe'k% 2-95] 3-08] 4-69 vkj 17-65 Kkr fd;k x;kA fofHkUu mipkjk d vrxr ifjo'kh rkiekuk e Qy d idu d 6 fnuk d ckn Qyk d {kfrxLr gku@lM tku d vuikr gr lex Qy rMkb n{krk dk ifjdyu Øe'k% 84-12] 74-13] 34-33 vkj 64-33 Kkr fd;k x;kA vk'kkf/kr gkoLVj dk i;kx e yku l Qy dh gkfu 2 ifr'kr de dh tk ldhA

Qy idku d fy;s de ykxr oky iDou idk"B d ikVkdky dk fodkl

vke d Qyk dk idku d fy, ,d ljy ikVkdky fodfIr fd;k x;kA ,d chdj e j[kx, 400 fe-xk- NaOH e 15 fe-yh- ,FkQku ¼a.i 39%½ feyk;k x;k vkj chdj dk dnh; mik".k ckxckuh lLFkku }kjk fodfIr fd, x, 100 fd-xk- Qyk dh /kkj.k {kerk l ;Dr Qy iDou idk"B d Hkhrj j[kfn;k x;kA bl lk ?kVk d ckn idk"B e 100 ih ih ,e ,FkyhuxlmRiUu gbA Qyk dk iDou idk"B d Hkhrj 16 ?kVk rd j[kk x;k vkj rc ml ckgj fudky fy;k x;kA bld nk ?kVk d ckn Qyk dk ok; 'kf"dr dj lh ,Q ch ifV;k e id djfn;k x;kA ,lk dju l idt e j[k tkus d NB fnu iVh l leku :i l id Qy ikIr g, vkj mue {kfrxLr gku dk dkb fpõfn[kk;h ugh fn;kA ,l Qyk e Vh ,l ,l 18-6° fcDl vkj n<rk 6 l ydj 7-8 fd-xk-@ox l-eh- nt dh x;hA

HkkMkj.k

HkkMkj.k rFkk idku d nkjku Qyk d fNyd e o.k ifjorlu dk v/;;u

vke d pkj fdLek vFkkr ckEc xhu] n'kgjh] yxMk vkj pklk d Qyk dh gj ifjiDo voLFkk e rMkb dh x;h rFkk mUg idku d nkjku vkek d fNyd d fofHkUu fgLlk ¼fudVLFk fljk] e/; Hkkx vkj njLFk fljk½ rFkk xn e o.k ifjoru dk vkdyu dju d fy, lkekU; rkiØe ¼34$2° lfYl;l rFkk 50$2° vkif{kd vknrk½ ij HkMkfjr fd;k x;kA nlj fnu vke d rhuk fgLlk e fNyd e fufgr Dykjkf Qy dh ek=kk e ifjoru n[kk x;k rFkk ;g ifjoru yxMk e fudVLFk fljk ij vf/kdre ¼5-81 fe-xk- ifr'kr½ FkkA bld i'pkr lHkh fdLek d fNyd e Dykjkf Qy dh fufgr ek=kk ?kVk x;hA n'kgjh d fNyd e HkMkj.k d vkBo fnu Qy d fudVLFk fljk e djkfVuk; M dh vf/kdre ek=kk ¼5-54 fe-xk- ifr'kr½ Kkr dh x;hA HkMkj.k d igyl ydj vkBo fnu d nkjku xn e dy djkfVuk; M dh fufgr ek=kk ckEc xhu e 0-026 l c<dj 1-35 fe-xk- ifr'kr] n'kgjh e 0-26 l c<dj 1-56 fe-xk- ifr'kr] yxMk e 1-05 l c<dj 3-25 fe-xk- ifr'kr vkj pklk e 0-12 l c<dj 1-22 fe-xk- ifr'kr gk x;hA vkB fnuk rd HkMkj.k d i'pkr Qyk dh n<rk ckEc xhu e 12-33 l 0-41 d chp] n'kgjh e 11-40 l 0-61 d chp] yxMk e 12-40 l 0-37 d chp vkj pklk e 11-86 l 0-42 ¼fd-xk-@ox l-eh-½ d chp ik;h x;hA n'kgjh Qyk dh n<rk HkMkj.k d NB fnu rd lrk"ktud :i e cuh jgh] vU; fdLek e pkFk fnu d ckn l ble deh vkus yxhA

n'kgjh Qyk dh Hk.Mkj.k {kerk eof) dju ds fy, ljf{kr jlk;uk dk i;kx

n'kgjh dgj ifjiDo Qyk dh rMkb dh x;h] rRi'pkr mUgh nk Hkkxk e ckVk x;k] igy Hkkx e j[k x, Qyk dk dkyVkVkbde fXyvkLikfj;kbfMl l lpkfjr fd;k x;k vkj mld 24 ?kV d i'pkr bl vkDtfyd ,flM½50 ih ih ,e½ vkj lfyflfyd ,flM½50 ih ih ,e½ tl ljf{kr jlk;uk l mipkfjr fd;k x;k rFkk nlj Hkkx e j[k x, Qyk dk dVky ¼vumipkfjr½ d :i e ljf{kr j[kk x;kA bu Qyk dk ifjo'kh n'kkvk ¼34$2° lfYl ;l rFkk 50$2 ifr'kr vkif{kd vknrk½ d vrxr Hk.Mkfjr fd;k x;kA bu Qyk dk HkMkj.k d 0] 5] 7 vkj 9 fnuk ij fu;fer vrjky ij] Hkkfrd&jklk;fud x.kk dk eY;kdu fd;k x;kA Hk.Mkj.k d uko fnu Qyk dh n<rk rFkk vuekl; vEyrk e deh vkb tcfd Qy d Vh ,l ,l vkj mle fufgr djkfVukbM dh dy ek=kk e of) gb tcfd HkMkj.k d uko fnu dVky Qyk dk lh ih ,y MCY; ifr'kr vf/kdre 24-52 ifr'kr Kkr gvk rFkk lfyflfyd ,flM mipkfjr Qyk dk lh ih ,y MCy dh ek=kk U;ure 18-89 ifr'kr d Lrj ij ik;h x;hA HkMkj.k d uko fnu lfyflfyd ,flM½50 ih ih ,e½ l mipkfjr Qyk e ,UFkkDukt dk dkb fodkl ugh ik;k rFkk vkDtfyd ,flM½60 ih ih ,e½ l mipkfjr Qyk e jkx d 10 ifr'kr y{k.k nt fd, x, tcfd dVky Qyk e 25 ifr'kr jkx dh mifLFkfr n[kh x;hA Qyk dk 50 ih ih ,e lfyflfyd ,flM l mipkfjr dju ij Qyk dh rMkb dju d ckn ,UFkkDukt ¼dkyVkVkbde fXyvkLikjkbfMl½ jkx l iHkkoh :i e ljf{kr j[kk tk ldk gA

Hk.Mkj.k {kerk eof) dju ds fy, tSo ,tVk dk i;kx

n'kgjh Qyk dk to ,tVk ¼cflyl lcfVfyl LVu ,e Vh lh lh 7606 vkj ldjkekbfll ljfolh dk 10^8 dkf'kdk@ fe-yh- dh nj l½ l nl feuV rd mipkfjr fd;k x;k vkj rRi'pkr mUg ifjo'kh n'kkvk ¼34$2° lfYl ;l rFkk 50$2% vkif{kd vknrk½ d vrxr Hk.Mkj.k fd;k x;kA HkMkj.k d nlo fnu ldjkekbfll ljfolh l mipkfjr Qyk dh n<rk 0-32 fd-xk-@ox l-eh- ik;h x;h tcfd cflyl lcfVfyl LVu ,e Vh lh lh 7606 l mipkfjr Qyk dh n<rk 0-23 fd-xk-@ox l-eh- ik;h x;hA HkMkj.k d vkBo fnu cflyl lcfVfyl LVu ,e Vh lh lh 7606 l mipkfjr Qyk e dy ?kyu'khy Bkl inkFkk ¼Vh-,l-,l-½ dh ek=kk 17-13° fcDl ik;h x;h tcfd ldjkekbfll ljfolh l mipkfjr Qyk dh Vh-,l-,l- 16-13° fcDl ik;h x;hA HkMkj.k d vkBo fnu cflyl lcfVfyl LVu ,e Vh lh lh 7606 vkj ldjkekbfll ljfolh l mipkfjr Qyk e vEyrk Øe'kk 0-38 vkj 0-71 ifr'kr Kkr gbA HkMkj.k d nlo fnu cflyl lcfVfyl vkj ldjkekbfll ljfolh l mipkfjr Qyk rFkk dVky ¼vumipkfjr½ Qyk e djkfVukbM dh fufgr dy ek=kk Øe'kk 4-60] 4-04 vkj 3-05 fe-xk- ifr'kr Kkr gbA ;g Kkr gvk fd ldjkekbfll ljfolh l mipkj fd, tku l Qyk dh 'kYQ ykbQ e of) dh tk ldrh gD;kfd bl l mipkfjr Qyk e vU; Qyk dh ryuk e n<rk vf/kd n[kh x;hA

eY;o/ku

xnk rFkk i;; inkFk dh fly, vke dh fdLek@ ldj fdLek dk eY;kdu

vke dh nk ldj fdLek rFkk pkj fdLek dk Hkkfrd&jklk;fud x.kk dk eY;kdu fd;k x;kA ,p&3242 e xnk dk vf/kdre ifr'kr ¼73-8 ifr'kr½ Kkr fd;k x;k rFkk oh ,u pVh fdLe e xnk dk U;ure ifr'kr ¼68-4 ifr'kr½ Kkr gvkA vke dh fofHkUu fdLek@ ldj fdLek d jklk;fud fo'y"k.k l ;g Kkr gvk fd mue ,Ldkfcd ,flM dh fufgr ek=kk 10 vkj 40 fe-xk-@100 xk d chp g tcfd oh ,u pVh fdLe e djkfVukbM dh fufgr ek=kk lcl vf/kd ¼8-54 fe-xk-@100 xke½ rFkk dfUlxVu fdLe e bl dh lcl de ek=kk ¼5-08 fexh@100 xke½ ik;h x;hA Lokn dh nf"V l tkQjkuh lQnk dk LFkku lcl Åij ¼6-5½ ik;k x;k tcfd bl lnHk e ,p&3242 dk lcl de vd ¼3-0½ fn, x,A bu fdLek@ ldj fdLek l xnk r;kj fd;k x;k rFkk mld x.koÙkk lc/kh ijkehVjk dk HkMkj.k d iFke fnol ij rFkk 6 eghuk dh vofèk d i'pkr fo'y"k.k fd;k x;kA lHkh fdLek@ ldj fdLek e 6 eghuk dh HkMkj.k vof/k d i'pkr Vh ,l ,l vkj vEyrk e ekeyh deh ik;h x;hA iFke fnol dk bue fufgr djkfVukbM dh dy ek=kk 2-22 l 5-39 fe-xk-@100 xke d chp rFkk 6 eghuk dh vof/k d i'pkr 1-53 l 5-17 fe-xk-@100 xke d chp Kkr gbA HkMkj.k d 6 eghuk dh vof/k d i'pkr bue 'kdjk dh ek=kk e fujrj deh nt dh x;hA ,p&3242 l r;kj fx, x, vkj Vh ,l i; inkFk e iFke fnol ij Lokn dh mifLFkfr d lnHk e 7-0 vd ikIr g, tcfd 6 eghuk dh vof/k rd HkMkj e j[k x, xn l fufer i; inkFk dk bl lnHk e 6-8 vd inku fd, x,A

dPp vke l r;kj fd, x, bUlVaV iUuk ikmMj dk HkaMkj.k

dPp vke l r;kj fd, x, bUlVV iUuk ikmMj dk yfeuVM ,yfefu;e Qkby vkj dkxt d ikmpk e ifjo'kh n'kkvk d vrxr pkj eghuk rd j[kk x;kA ;g n[kk x;k fd yfeuVM dkxt d ikmpk e j[k x, ikmMj e Vh ,l ,l] vEyrk] vipk;h 'kdjk vkj ,Ldkfcd ,flM dh fufgr ek=kk vujf{kr jghA dkxt d ikmp e j[k x, ikmMj dh ryuk e ,yfefu;e yfeuVM ikmpk e j[k x, ikmMj l r;kj fd, x, i; inkFk dh Lokn lc/kh x.koÙkk cgrj ½8-2 vd½ ik;h x;hA

ijklj.k&ok;q 'kf"dr vke d Qkdk dk fofHkUu idftx n'kkvk e HkaMkj.k

n'kgjh Qy d Qkd ¼Lykbl½ dk 60° fcDl 'kdjk] 0-5 ifr'kr lkbfVd vEy vkj 0-5 ifr'kr d ,e ,l ;Dr ?kksy e pkj ?kVk rd Mcku d ckn ,d dfcuV Mk;j e 60° lfYl ;l rkieku ij 8 ?kVk rd l[kk;k x;kA rRi'pkr vke dh Qkdk dk fofHkUu idftx lkefx;k vFkkr ikfyikfiyhu] ikfyikfiyhu $ fuokr] ikfyikfiyhu $ fuokr $ ukbVk tu] yfeuVM ,yfefu;e Qkby] yfeuVM ,yfefuf;e Qkby $ fuokr] yfeuVM ,yfefu;e Qkby $ fuokr $ ukbVk tu e id djd ifjo'kh n'kkvk e pkj eghu rd HkaMkj e j[kk x;kA HkaMkj.k d pkj eghuk d ckn yfeuVM ,yfefuf;e Qkby $ fuokr $ ukbVk tu e id fd, x, Lykbl k dk Lokn dh nf"V l cgrj ¼Ldkj 8-2½ ikIr gvkft ld ckn yfeuVM ,yfefuf;e Qkby $ fuokr e j[k x, vkj doy yfeuVM ,yfefuf;e Qkby e j[k x, Lykbl k dk LFkku vk;kA

vke d U;wure iLd'r mRikn r;kj djuk

n'kgjh d Qyk dk VdMk ¼yxHkx 2 X 2 X 2 l-eh-½ e dkVdj 1% dfY'k;e Dykjkb M foy;u e 5 feuV rd Mck;k x;k vkj rRi'pkr ml ikfy,LVh;jhu vkj ikfyikfiyhu idftx lkexh e id djd i'khfrr n'kkvk ¼4$1° l-½ d vrxr j[kk x;kA bu ueuk dk Vh ,l ,l] vuekl; vEyrk] dy djkfVukbMk dh ek=kk d lnHk e fo'y"k.k fd;k x;kA Lokn dh nf"V l vke d ;VdM 6 fnuk rd dkQh vPNh fLFkfr e ik, x,A rFkkfi] vkBo fnu d ckn l bue vf/kd id gku dk Lokn vk x;k fdr bud ¶yoj e dkbZ cnyko ugh gvkA vuipkfjr dh ryuk e mipkfjr vke d VdMk dh x.koÙkk ij dkbZ iHkko Kkr ugh gvk rFkk ikfy,LVh;jhu idftx dh ryuk e ikfyikfiyhu dh idftx cgrj ik;h x;hA bl i;kx dk mi;Dr nkuk idftx inkFkk e fcuk fd lh io mipkj d efYydk vke d VdMk d lnHk e nkgjk;k x;kA ;g n[kk x;k fd Lokn dh nf"V l efYydk vke d VdMk HkaMkj.k d NB fnu rd cgrj fLFkfr e jgA ikfy,LVh;jhu vkj ikfyikfiyhu idftx lkexh e j[k x, vke d VdMk e djkfVukbMk dh dy fufgr ek=kk iFke fnol d 9-73 fe-xk-@100 xke l ?kVdj Øe'k 7-12 vkj 8-83 fe-xk-@100 xke gk x;hA pkl k vke d VdMk dk i;kx djd nk idkj d io mipkjk vFkkr vke d VdMk dk nk feuV rd vk tku x l e j[kdj vkj ,d feuV rd ijkcxuh fofdj.k d iHkkoe j[kdj ,d vU; i;kx fd;k x;k vkj lkFk gh dVky ¼vuipkfjr½ dk Hkh ijh{k.k fd;k x;kA ikIr ifj.kke l ;g Kkr gvk fd l[;k vk tku l mipkfjr vke d VdMk ¼1.2702 X 10^6 cfuèg½ vkj ijkcxuh fdj.kk l mipkfjr vke d VdMk ¼8-362 X 10^5 cfu/g½ dh ryuk e dVky ¼vuipkfjr½ vke d VdMk ¼1-6000 X 10^6 cfu/g½ e thok.k l[;k vf/kd ik;h x;hA

dPp vke d ¼lkbMj½ dk HkaMkj.k v/;;u

cxykjk] pkl k] yxMk vkj n'kgjh i tkfr d dPp ¼vifjiDo½ Qyk l lkbMj r;kj fd;k x;kA HkaMkj.k d uk eghuk d i'pkr cxykjk l r;kj fd, x, elkynkj lkbMj e Lokn dh nf"V l Lohdk;rk dk Lrj lokf/kd ¼Ldkj 8-16½ Fkk ft ld i'pkr blh fdLe l r;kj fd, x, fcuk elky d lkn lkbMj dh Lohdk;rk ¼Ldkj 7-58½ FkhA cxykjk l r;kj fd, x, elkynkj lkbMj d uk eghu rd HkaMkj.k e j[ku d i'pkr x.koÙkk fo'y"k.k l ;g irk pyk fd dy ?kyu'khy Bkl inkFk ¼Vh ,l ,l½ vkj vipk;h 'kdjk dh fufgr ek=kk Øe'k 16-2 l c<dj 17-0° fcDl vkj 4-92 l c<dj 9-14 ifr'kr gk x;h tcfd vEyrk] ,Ldkfcd ,flM dh fufgr ek=kk vkj ikfyQhuky dh fufgr ek=kk ?kVdj Øe'k 0-74 l 0-63 ifr'kr] 2-3 l 1-6 fe-xk-@100 fe-yh- vkj 27-9 l 24-4 fe-xk-@100 fe-yh- gk x;hA

vke d id Qyk l lkbMj r;kj djuk

ldjkekbfl l ljfolh dk i;kx djd id g, Qyk l 4 ifr'kr ,Ydkgky;Dr vke dk lkbMj r;kj fd;k x;kA bl lkbMj e ,Ldkfcd ,flM vkj ikfyQhuky dh fufgr ek=kk Øe'k 4-2 fe-xk-@100 fe-yh- vkj 16-0 fe-xk-@100 ik;h x;hA

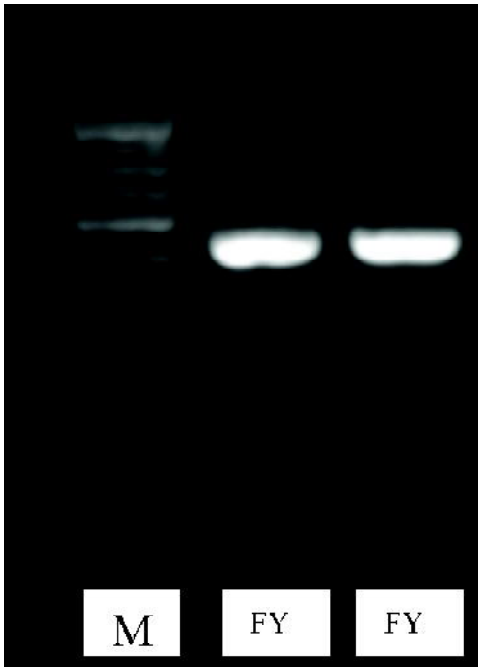
vif'k"V mi;kx

,Lijftyl ukbtj l ifDVut vkj lY;yt d lel Hkkfor : ik ¼vkbl kQkle½ dh igpku

ih lh vkj eY;kdu rFkk vuØe vfHky{k.ku d ek/;e l ,Lijftyl ukbtjeikfyxykVjkut] ifDVufeFkkby,LVjt vkj ifDVuyk, t l ;Dr ifDVut d fy, thu ,udkfMx dh if"V dh x;hA blh idkj ih lh vkj eY;kdu vkj rRi'pkr vuØe.k vkj 0;k[;k d }kjk ,Lijftyl ukbtj lY;yt d rhu lel Hkkfor : ik vFkkr chVk&1] 3 ,DlkXydkflMt] chVk&1] 3 ,.MkXydkflMt vkj chVk&eukflMt d fy, thu dkfMx dh igpku dh x;hA okR;k fo'y"k.k dk i;kx djd vuØe vkj 0;k[;k l ;g Kkr gvkfd ; vuØe ,Lijftyl ukbtj d U;DykVkbM vuØe l vf/kdre Ldkj] vkbMfVVh ¼rknkRE;½ vkj dojt dh nf"V l lefyr gkr g ¼vkdfr 34½A

fo[kMu ;hLV dh vkf.od igpku

;g fØ;kdyki ,u vkj lh yhph] et¶Qjij d fy, vul/kku lgk;rk d : i efd;kx;kA [kjkc gkx;h yhph d xn l foyfxr ;hLV dh vkdkfjdh }kjk fo[kMu ;hLV d : i e igpku dh x;hA vkf.od Lrj ij bldh fo[kMu ;hLV fof'k"V ikbejk vFkkr , l ih , lh 16b8-01] lh ih okb 1 vkj , ih ih 1 d lkFk ih lh vkj eY;kdu dk i;kx djd igpku dh x;hA ih lh vkj n'kkvk dk 1-5 mM $MgCl_2$, 25 ng DNA VEiyV] 1.5 U *Taq* DNA ikfyejt d : i e vudfyr fd;k x;k ftld fy, Øe'k% 466] 484 vkj 585 bp d



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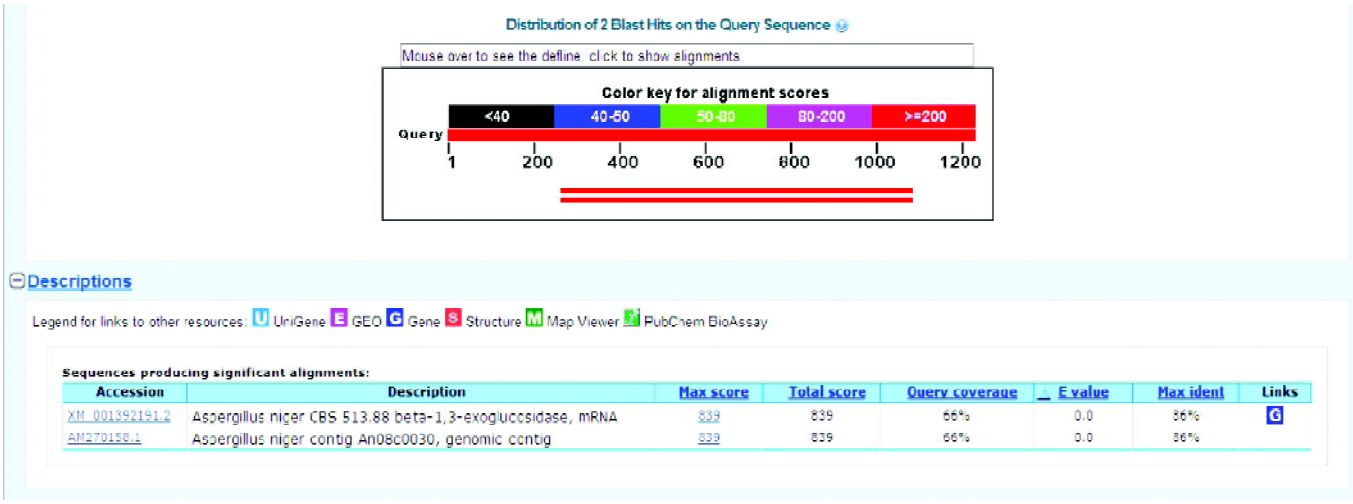
,fElydkuk dk mRiknu dju d fy, 53 fMxh lfYl ;l rkiku'khru rkieku dk i;kx e yk;k x;k ¼vkdfr 35½A ih lh vkj mRiknk d vuØe.k rFkk okR;k fo'y"k.k }kjk vkj 0;k[;k l ;g Kkr gvk fd ;g tho fo[kMu ;hLV 'kkbtkldjkekbfll ikEc d U;fDy;kVkbM vuØe l ey [kkrk gA



vkdfr 34% ,Lijftyl ukbtj d b&1] 3&,DlkXydkflMt l feyr&tyr Dojh vuØe dk n'kku okyk okR;k fo'y"k.k

vke dh xByh l ry fu"d"k.k gr ikVkdky dk ekudhdj.k

vke dh xByh l ry fu"d"k.k gr ikVkdky dk ekudhdj.k fd;k x;kA mRikfnr ry ij rkieku] le;] foyk;d dk vk;ru rFkk d.k vkdkj t l fofHkUu ijkehVjk d iHkko dh tkp dh x;hA ry dh ikIr ek=kk e rkieku] le; vkj foyk;d d vk;ru e of) d lkFk of) gb fdr d.k vkdkj e of) d lkFk ble deh vkbA vke dh xByh vkj foyk;d dk 1%10 vuikr e i;kx e yku ij 90 feuV d fu"d"k.k le; d nkjku ,d fe-eh- d.k vkdkj ij vf/kdre 10-8 ifr'kr ry dk fu"d"k.k fd;k x;kA

vke dh xByh dh gkbM%kfyfl i fØ;k dk b"Vrehdj.k

vke dh xByh d LVkp l vf/kdre ek=kk e Xydkt d mRiknu gr ty vi?kVu lc/kh ijkehVjk dk b"Vrehdj.k fd;k x;kA fu"iHkkou dh ifØ;k d i'pkr vEyhdr½2 ifr'kr lkn.k;Dr gkbMkDykfjd vEy l½ xByh lLiU'ku e fuEufyf[kr mipkj fd;k x;k% ,YQk&,ekbyt 300 ih ih ,e] ,YQk&,ekbyt ¼300 ih ih ,e½ $,-vkfjtkb(,YQk&,ekbyt ¼300 ih ih ,e½ $,-ukbtj(,-ukbtj(,-vkfjtkb vkj dVky ¼vuipkfjr½A ,-ukbtj d lkFk mipkj fd, tkus dh fLFkfr e vf/kdre vipk;h 'kdjk¼19-70 ifr'kr½ dh ikfIr Kkr gb ft ld i'pkr ,-vkfjtkb l mipkj dh fLFkfr e ikIr vipk;h 'kdjk¼17-6 ifr'kr½ dk fu"d"k.k Kkr gvkA

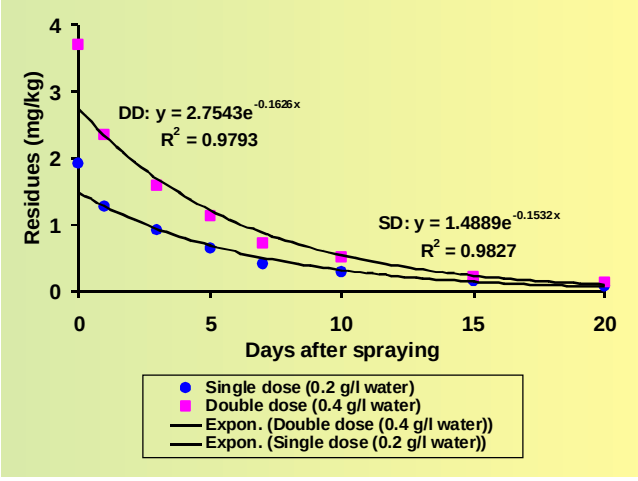
vke d vif'k"V l eRL; i jd vkgkj ¼fQ'k ehy½ r;kj djuk

vke d fNyd vkj ml dh xByh vof'k"V dk i;kx djd Øe'k% 2-7 vkj 0-5 ifr'kr okLrfod ikVhu rFkk 0-9 vkj 1-2 fe-xk-@100 fe-yh- djkfVukbM l ;Dr eRL; gr ijd vkgkj r;kj fd;k x;kA

uk'kh tho uk'kd jlk;uk d vof'k"V dk fo'y"k.k

Fkk;keFkkD le

n'kgjh vke d iMk ij eb d igy llrkg e 0-2 vkj 0-4 xke Fkk;keFkkD le@yhVj ikuh d ?kksy dk fNMdko fd;k x;k ft ld mí'; Qyk e ml d ilj.k iVu dk v/;;u djuk FkkA ;g n[kk x;k fd mi;Dr lkn.k ij fNMdko d ,d ?kV d ckn ;g Qyk e 1-93 vkj 3-71 fe-xk-@fd-xk- ik;k x;k tk 20 fnuk d i'pkr 0-08 vkj 0-13 fe-xk-@fd-xk- rd igpk gA fNMdko d 20 fnuk d ckn b ld k vof'k"V Qyk e ugh ik;k x;kA bu nkuk gh lkn.k Lrjk ij xnk vkj rMkb d fy, r;kj ifjiDo Qyk e fNMdko d 40 fnuk ckn dkb Hkh ekiuh; vof'k"V ugh ik;k x;k ¼vkdfr 36½A nkuk gh lkn.kk ij Qyk e ilj.k dh nju iFke dkfV dh xfrdh dk vulj.k fd;kA pkj vkj bl l vf/kd iek=kkvk d fy, Qyk e vof'k"V v/k&vk;Øe'k% 4-5 vkj 4-0 fnu ifjdfyr dh x;hA 0-5 fe-xk-@fd-xk- d bld ,e vkj ,y eku d vk/kkj ij 0-2 vkj 0-4 xke ifr yhVj ty lkn.kk d fNMdko d ckn rMkb&io vrjky Øe'k% 7 vkj 11 fnu j[ku dk l>ko fn;k x;kA

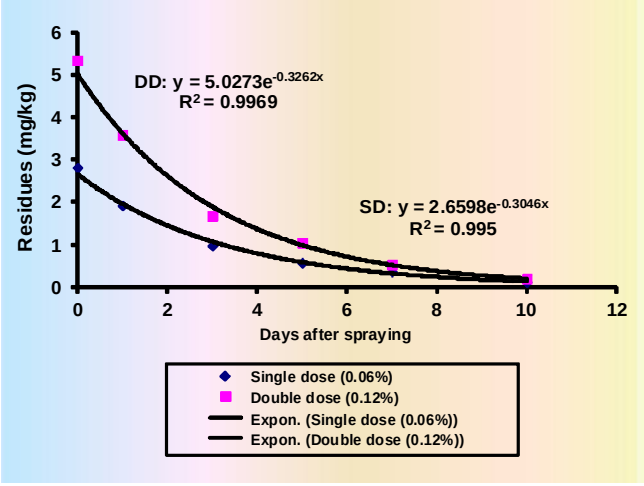


vkdfr 36% rMkb&io fNMdko d ckn vke d Qy e Fkk;keFkkD le d vof'k"V d ilj.k iFke J.kh pj?kkrkdh; oØ

MkbeFkk,V

Qyk e uk'kh tho uk'kd jlk;uk d ilkj d iVu dk vè;;u dju d fy, eb d igy llrkg d nkjku n'kgjh d iMk ij 0-06 vkj 0-12 ifr'kr dh nj l MkbeFkk,V dk fNMdko fd;k x;kA ;g vke d Qyk e fNMdko fd, tku d ,d ?kV d ckn 2-81 vkj 5-34 fe-xk- ifr fd-xk- Fkk tk fNMdko fd, tku d n l fnuk d ckn Øe'k 0-12 vkj 0-19 fe-xk- ifr fd-xk- gk x;kA fNMdko fd, tku d n l fnuk d ckn Qyk e jlk;u dk dkb Hkh vof'k"V ugh ik;k x;kA nkuk gh lkn.kk ij xnk rFkk rMkb gr r;kj ifjiDo Qyk e nkuk fNMdko d 40 fnu d ckn mi;Dr nkuk lkn.kk ij dkb Hkh vof'k"V ugh n[kk x;kA nkuk gh lkn.kk ij Qyk e ilj.k dh nju iFke dkfV dh xfrdh dk vulj.k fd;kA nkuk gh iek=kkvk d fy, Qyk dh vof'k"V v/k&vk; nk fnu ifjdfyr dh x;hA Hkkjr

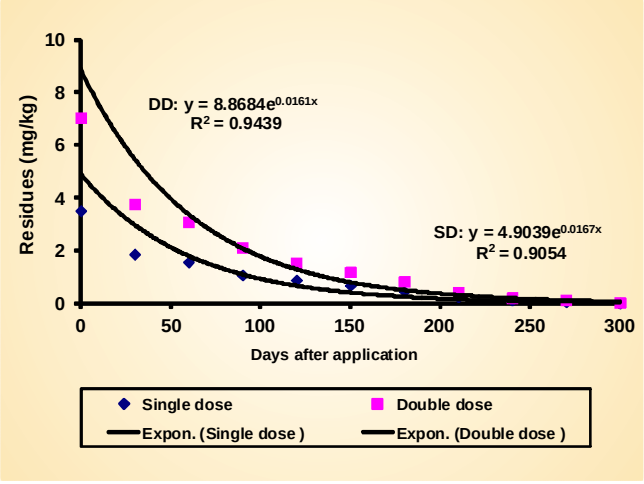
e 0-5 fe-xk- ifr fd-xk- d ,e vkj ,y eku d vk/kkj ij mi;Dr lkn.kk ij fNMdko d ckn rMkb&io vrjky Øe'k% 6 vkj 7 fnu j[ku dk l>ko fn;k x;k ¼vkdfr 37½A



vkdfr 37% rMkb&io fNMdko d ckn vke d Qy e MkbeFkk,V d vof'k"V d ilj.k iFke dkfV dk pj?kkrkdh; oØ

enk e% iDyk©;Vkt ky dh vofLFkfr

flrcj d vfre llrkg d nkjku n'kgjh d iM d Fkky e iDyk©;Vkt ky 3-2 vkj 6-4 fe-yh- ifr ehVj dukih 0;kl dh nj l i;Dr fd;k x;k rFkk 30 fnuk d vrjky ij enk e bldh vofLFkfr dk vkof/kd :i l v/;;u fd;k x;kA i;kx e yk, tku d nk?kV d ckn mi;Dr lkn.kk ij i;Dr iDyk©;Vkt ky 3-51 vkj 7-04 fe-xk- ifr fd-xk- l ?kVdj 300 fnuk d ckn Øe'k% 0-01 vkj 0-03 fe-xk- ifr fd-xk- gk x;kA enk e iDyk©;Vkt ky d ilj.k dh nj u iFke dkfV dh xfrdh dk



vkdfr 38% enk e iDyk©;Vkt ky d vof'k"V d ilj.k iFke dkfV dk pj?kkrkdh; oØ

vuls.k fd;kA mi;Dr lkn.kk ij vof'k"V vèk&vk; dk ifjdyu Øe'k% 42 vkj 43 fnu fd;k x;k ¼vkdfr 38½A

ifÙk;k }kjk iDyk©;Vkt ky dk vo'kk"k.k

flrcj d vfre llrkg d nkjku 3-2 vkj 6-4 fe-yh- ifr ehVj dukih 0;kl iek=kkvk ij iM d Fkky e i;kx e yk, tku d ckn ifÙk;k rd iDyk©;Vkt ky d igpu dh fLFkfr dk vè;;u fd;k x;kA 60 fnuk d vrjky ij iÙkh d ueuk dk lxg.k fd;k x;kA vkjHk e ifÙk;k e iDyk©;Vkt ky dk vof'k"V Kkr ugh fd;k x;k fdr iM d Fkky e i;kx e yk, tku d 60 fnuk d ckn ,dy vkj nkgj [kjkdk ij bldk lkn.k 0-15 vkj 0-25 fe-xk- ifr fd-xk- l c<dj i;kx fd, tku d 240 fnuk d ckn Øe'k% 0-95 vkj 1-69 fe-xk- ifr fd-xk- gk x;kA jlk;u dk i;kx e yk, tku d 300 fnuk d ckn bldh vof'k"V ek=kk e vkx deh vkb vkj bldh vof'k"V ek=kk ?kVdj Øe'k% 0-63 vkj 1-09 fe-xk- ifr fd-xk- gk x;hA

Qyk% }kjk iDyk©;Vkt ky dk vo'kk"k.k

flrcj d vfre llrkg d nkjku n'kgjh d iM d Fkky e iDyk©;Vkt ky 3-2 vkj 6-4 fe-yh- ifr ehVj dukih 0;kl dh nj l i;Dr fd;k x;k rFkk Qyk ,o Qyk e bldh mifLFkfr dh tkp dju d fy, v/;;u fd;k x;kA i;kx e yk, tku d 150 fnuk d ckn i"iØe e iDyk©;Vkt ky dh ux.;ek=kk ¼0-27 vkj 0-39 fe-xk- ifr fd-xk-½ Kkr gbA dPp Qyk e iDyk©;Vkt ky dh vof'k"V ek=kk vue;Lrj ¼0-5 fe-xk- ifr fd-xk-½ ij ik;h x;h fdr rMkb d le;i.kr% ifjiDo Qyk e bldh mifLFkfr Kkr ugh gbA rMkb gr r;kj ifjiDo Qyk dh xne Hkh nkuk lkn.kk ij bl jlk;u dh dkb vof'k"V ek=kk Kkr ugh gbA

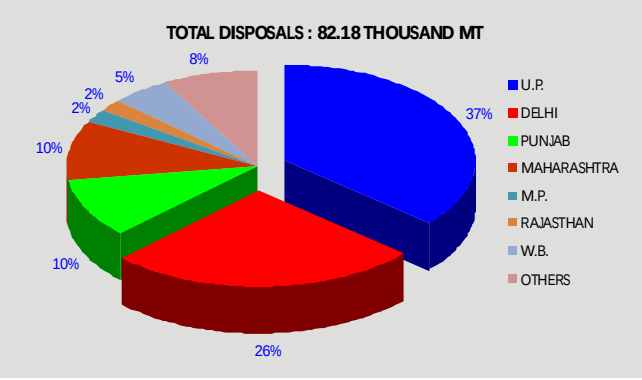
ck tkj fo'y"k.k

vkod rFkk fuiVku

vke ¼e fUt Qjk bfMdk ,y-½

2012 d nkjku 82-18 g tkj ehfVd Vu vke y[kuÅ l ckgj d ck tkjk e Hkt x, tk fiNy lkr o"kk dh vof/k d nkjku dh lcl vf/kd ek=kk FkhA ;g ek=kk 2011 vkj 2010 d nkjku y[kuÅ l ckgj d ck tkjk e Hkth x;h ek=kkvk dh ryuk e Øe'k% 30-2 vkj 19 ifr'kr vf/kd FkhA mÙkj in'k jkT; d ckgj d ck tkjk e 63-54 ifr'kr Qyk dk 0;kikj fd;k x;k] ogh 'k"k vke dk 0;kikj jkT; d Hkhrj fd;k x;k

¼vkdfr 39½A fnYyh vke d 0;kikj dk ,d cMk ckt kj cuk jgk D;kfd 2012 d nkjku ;gk d ckt kjk e dy 26-20 ifr'kr vke Hkt x;] gkykfd fiNy o"k d 30-68 ifr'kr dh ryuk e ble fxjkoV vk;h FkhA egkjk"V vkj i tkc vU; egÙoi.k ckt kj fl) g, rFkk bu ckt kjk e pky o"k d nkjku Øe'k% 10-19 vkj 10-01 ifr'kr vkek dh [kir gbA FkkMh ek=kk e vke dk y[kuÅ l lh/k fu;kr Hkh fd;k x;k vkj tgk uiky }kjk 556-9 ehfVd Vu vke dk vk;kr fd;k x;k] ogh lmnh vjc vkj dor dk Øe'k% 22-2 vkj 15-9 ehfVd Vu vke dk fu;kr fd;k x;kA



vkdfr 39% 2012 d nkjku y[kuÅ l fofHkUu jkT;k dk Hkt x, vke dh dy ek=k

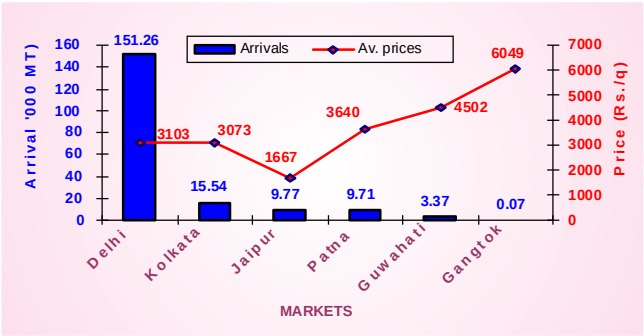
2012 d nkjku vke dh lkIrkfgd fcØh d vkdMk d voykdu l ;gKkr gvk g fd mÙkj in'k jkT; l ckgj vkj jkT; d Hkhrj ckt kjk e vke dh fcØh 06 tu&26 tu vkj 06 tu&03 tykb 2012 dh vof/k d nkjku vf/kdre gb ft l nkjku Øe'k% 58-15 vkj 64-18 ifr'kr Qy dk 0;kikj fd;k x;kA fofHkUu ckt kjk e y[kuÅ d vk; dh fr tkjr@ 0;kikj 31 tykb 2012 rd tkjh jghA mPp mRiknu d dkj.k 30 eb l 10 tykb 2012 d nkjku dkQh vf/kd ek=kk e vFkkr 86-46 ifr'kr Qy jkT; l ckgj Hkt x,A

y[kuÅ d ckt kjk e vke dh vkod

y[kuÅ e nf{k.k Hkkjrh; vke dh fdLe fo'k"kdj cxuiYyh dh vkod tuojh eghu l 'k: gb gkykfd ml dh vkod Qjojh eghu rd ux.; cuh jgh] bl d ckn ble r th vkbA eb 2012 d e/; rd ;g flyflyk tkjh jgk ft l d ckn y[kuÅ d Fkkd ckt kjk e n'kgjh dk 0;kikj vkjHk gku ij bl dh vkod de gku yxhA tu 2012 d nkjku n'kgjh dh vf/kdre vkod 59-85 g tkj ehfVd Vu gb tk ckt kj e vk, dy vke dk 74-14 ifr'kr Fkk ft l d i'pkr tykb 2012 d nkjku ckgj d ckt kjk l y[kuÅ e 17-30 g tkj ehfVd Vu ¼21-43 ifr'kr½ vke dh vkod gbA ;gk ;g/;ku nuk ,d jkpd ckr gkxh fd y[kuÅ d ckt kj e fl rcj vkj vDrcj 2012 d nkjku Hkh vke dk igpuk tkjh jgkA 2012 d nkjku vke dk Hkkfjr vkl r eY; ifr fDoVy 1164 #i, ifjdfyr fd;k x;k tk 2009 d ckn nl jh ckj l cl vf/kd eY; FkkA bl d i'pkr ifrdy ekl e n'kkvk rFkk vkQ b;j d dkj.k ckt kj e vke dh vkod e vR;f/kd r th l fxjkoV gbA

n'k d i e[k ckt kjk e vke dh fofHkUu fdLek dk 0;kikj

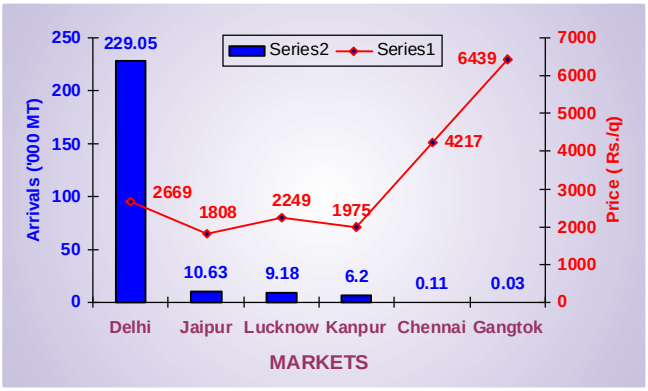
n'kgjh lokf/kd egÙoi.k fdLe cuk jgk vkj n'k d lHkh ie[k ckt kjk e bl dh dy 296-52 g tkj ehfVd Vu ek=kk dk 0;kikj fd;k x;k tcfd fiNy o"k d nkjku 188-68 g tkj ehfVd Vu dk 0;kikj fd;k x;k Fkk ¼vkdfr 40½A fnYyh vdy l cl cM ckt kj d :i e mHkjdj lkeu vk;k vkj ;gk vke d dy 0;kikj d yxHkx 77 ifr'kr dk 0;kikj fd;k x;kA vU; ckt kj fnYyh l dkQh ihN jg D;kfd t ;ij vkj y[kuÅ e n'k e vke d dy 0;kikj dk Øe'k% 3-6 vkj 3-1 ifr'kr ek=kk dk gh 0;kikj fd;k tk l dkA dkuij] dkydkrk] tEe] i.k vkj ukxij vU; egÙoi.k ckt kj FkA fnYyh d ckt kj e bl fdLe d vke dk Hkkfjr vkl r eY; 2]669 #i, ifr fDoVy Fkk tcfd bl dk eY; t ;ij e l cl de ¼1]808 #i, ifr fDoVy½ FkkA xxVkd vkj pUub d ckt kjk e bl dk eY; vf/kdre vFkkr Øe'k% 6]439 vkj 4]217 #i, ifr fDoVy jgkA bu ckt kjk e vke d 0;kikj e ryukRed ykHk Kkr gvk vkj budh ckt kjk e 0;kikj c<k;k tk l dr k gA



vkdfr 40% 2012 d nkjku ie[k ckt kjk e n'kgjh dh vkod rFkk eY; ¼296-52 g tkj ehfVd Vu½

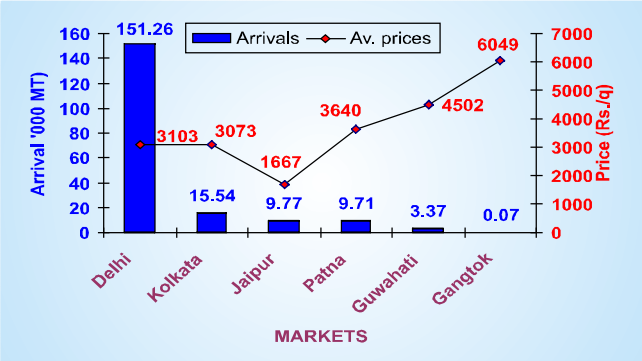
yxMk ,d vU; egÙoi.k fdLe dk vke Fkk ft l dh n'kHkj e 0;kid [kjhn&fcØh dh x;hA 2012 d nkjku dy 198 g tkj g tkj ehfVd Vu Qy dk 0;kikj fd;k x;k ¼vkdfr

41½A ,d ckj fQj l fnYyh lcl cM ckt kj d : i e mHkjdj lkeu vk;k vkj yxMk vke d dy 0;kikj dk yxHkx 76-2 ifr'kr 0;kikj fnYyh d ckt kjk e dfnr jgkA bl lc/k e dkydkrk dk LFkku nljk jgk vkj ;gk yxHkx 7-8 ifr'kr yxMk vke dk 0;kikj nt fd;k x;kA t ;ij vkj iVuk vU; egÙoi.k ckt kj jgA fnYyh d ckt kjk e bl dk Hkkfjr vkl r eY; 3]103 #i, ifr fDoVy Fkk tcfd dkydkrk d ckt kjk e bl dk eY; 3]073 #i, ifr fDoVy n[kk x;kA xxVkd e bl dk eY; lcl vf/kd 6]049 #i, ifr fDoVy jgk ft ld i'pkr xokgkVh vkj pUub d ckt kjk e bl dk eY; Øe'k 4]502 #i, vkj 4]217 #i, ifr fDoVy d Lrj ij jgkA



vkdfr 41% 2012 d nkjku ie[k ckt kjk e yxMk dh vkod rFkk eY; ¼198-60 gt kj ehfVd Vu½

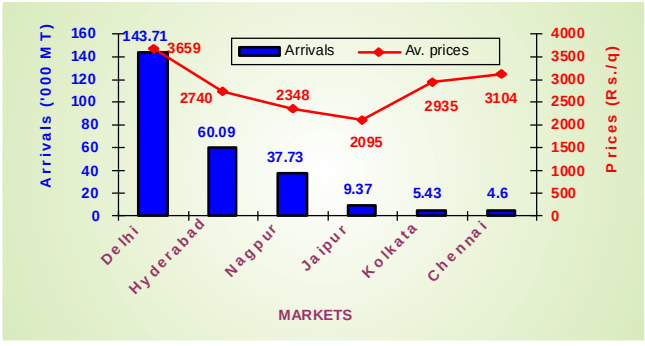
2012 d nkjku 129-11 gt kj ehfVd Vu pkl k vke dk 0;kikj fd;k x;k tcfd fiNy o"k d nkjku ek=kk 47-16 gt kj ehfVd Vu pkl k vke dk 0;kikj gvk Fkk ¼vkdfr 42½A fnYyh ,d ckj fQj l ,d ie[k ckt kj d : i e mHkjk vkj ;gk n'k e fd, x, dy 0;kikj d yxHkx 89-6 ifr'kr vke dk 0;kikj



vkdfr 42% 2012 d nkjku ie[k ckt kjk e pkl k dh vkod rFkk eY; ¼129-11 gt kj ehfVd Vu½

fd;k x;kA bl d i'pkr dkydkrk d ckt kjk dk LFkku n[kk x;k ft ldh ckt kj fgL l nkjh 5-5 ifr'kr FkhA pMhx< vkj jk;ij vU; egÙoi.k ckt kj FkA fnYyh d ckt kjk e bl vke dk Hkkfjr Fkk d eY; doy 2]742 #i, ifr fDoVy jgkA Hkou'oj e bl dk eY; lcl vf/kd 5]064 #i, ifr fDoVy n[kk x;k rFkk ykHk gr bl ckt kj dk mi;kx fd;k tk l drk gA bl d i'pkr dkydkrk dk LFkku jgk tgk ;g vke 3]900 #i, ifr fDoVy dh nj l fcdkA

n'kgjh d ckn cxuiYyh lokf/kd 0;kikfjr fdLe jgk D;kfd n'k d l Hkh ckt kjk e bl dh 283-31 gt kj ehfVd Vu ek=kk dk 0;kikj fd;k x;k tcfd fiNy o"k ek=k 183-19 gt kj ehfVd Vu ek=kk dk gh 0;kikj fd;k x;k Fkk ¼vkdfr 43½A fnYyh ,d ckj fQj l 50-71 ifr'kr dh fgL l nkjh d lkFk ,dek=k lcl cM ckt kj d : i e mHkjkA bl d ckn gnjkckn vkj ukxij dk LFkku n[kk x;k tgk n'k e bl fdLe d vke d dy 0;kikj dk Øe'k 21-2 vkj 13-4 ifr'kr vke dk 0;kikj fd;k x;kA t ;ij] dkydkrk] pUub vkj Jhuxj vke dh bl fdLe d 0;kikj d fy, vU; egÙoi.k ckt kj fl) g,A t ;ij vkj fnYyh d ckt kjk e vkl r Fkk d eY; Øe'k 2]095 vkj 3]659 #i, ifr fDoVy d chp n[kk x;kA vlEcyh ckt kjk d : i e dke dju oky gnjkckn vkj ukxij d ckt kjk e bl Qy dk eY; Øe'k 2]740 #i, vkj 2]348 #i, ifr fDoVy jgkA



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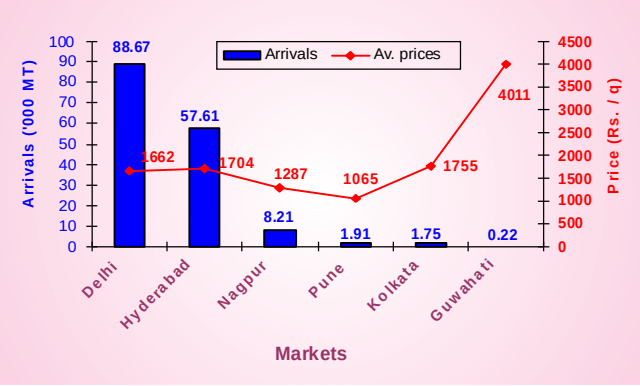
vke dh l l kf/kr inkFkk d fy; mi;Dr fdLe rkrkijh dk Hkh 0;kid : i l 0;kikj fd;k x;k rFkk 2012 d nkjku 168-81 gt kj ehfVd Vu vke dk 0;kikj fd;k x;k tcfd fiNy o"k d nkjku 69-26 gt kj ehfVd Vu vke dk 0;kikj fd;k x;k Fkk ¼vkdfr 44½A n'k e fnYyh vkj gnjkckn lokfêkd egÙoi.k ckt kj d : i e mHkj ftue rkrkijh d dy 0;kikj

dk 58-5 ifr'kr vkj 34-1 ifr'kr 0;kikj fd;k x;kA ukxij ,d vU; egÙoi.k ckt+kj FkkA Hkkfjr vkl r eY; vkerkj ij de jg] D;kfd ;g eY; 1]065 vkj 4]011 #i, ifr fDoVy d chp cuk jgk tk i.ke lcl de vkj xokgkVh d ckt+kj e lcl vf/kd Lrj ij jgkA fnYyh] gnjkckn vkj ukxij d ckt+kjk e bl dk eY; Øe';k 1]662] 1]704 vkj 1]287 #i, ifr fDoVy jgkA



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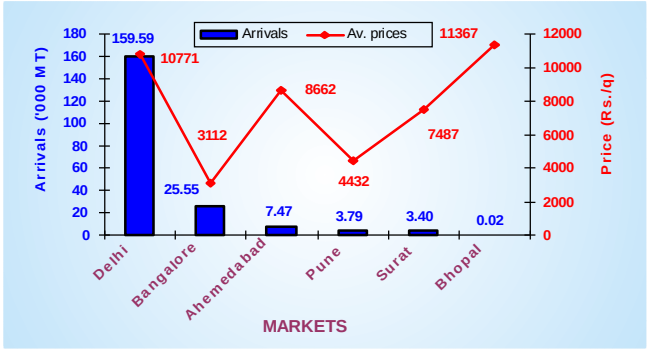
n'k d lHkh ckt+kjk e dy 199-85 gtkj ehfVd Vu vYQkl vke dk 0;kikj fd;k x;k ftue l fnYyh dh fgLlnkjh 79-9 ifr'kr FkhA cxy# vkj vgenkckn e n'k e fd, x, dy 0;kikj d 12-8 vkj 3-7 ifr'kr vke dk 0;kikj fd;k x;k ¼vkdfr 45½A i.k vkj ljr vU; egÙoi.k ckt+kj FkA fnYyh d ckt+kj e bl fdLe d vke dk Hkkfjr vkl r Fkkd eY; 10]771 #i, ifr fDoVy Fkk tcfd cxykj d ckt+kj e ;g eY; ek=k 3]112 #i, ifr fDoVy FkkA bl dk dkj.k bl rF; dk Bgjk;k tk ldrk g fd cxy# d ckt+kj e LFkkuh; mRikfnr vYQkl vke dk 0;kikj fd;k x;kA



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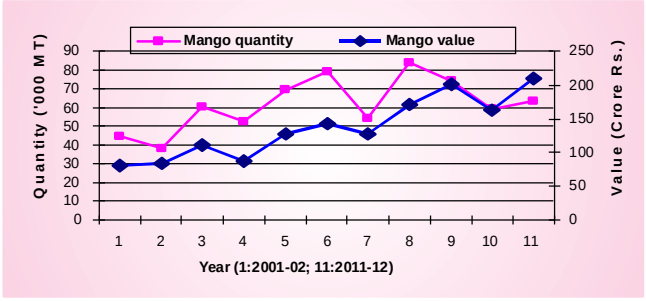
Hkkjr l vke vkj bl d xn d fu;kr dh fLFkfr

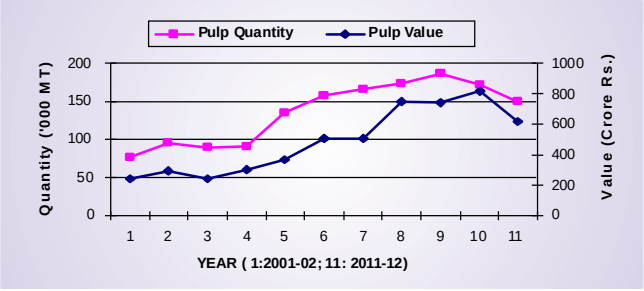
2011&12 d nkjku Hkkjr l 63-44 gtkj ehfVd Vu vke dk fu;kr fd;k x;k tcfd fiNy o"k 59-22 gtkj ehfVd Vu vke dk fu;kr fd;k x;k FkA tk 7-1 ifr'kr dh ,d vkl r of) dk inf'kr djrk gA rFkkfi] fu;kr dh ;g ek=kk 2008&09 d nkjku fd, x, lcl vf/kd fu;kr dh ek=kk 83-70 gtkj ehfVd Vu l de Lrj ij jgh ¼vkdfr 46½A nljh vkj] eY; d lnHk e fu;kr 209-74 djkM #i, d Lrj ij igp x;k tk vc rd vke fu;kr d lnHk e lcl Åpk eY; FkkA okLro e] fiNy o"k dh ryuk e ble 28-9 ifr'kr dh of) gbA ckXykn'k ,d ckj fQj l Hkkjr l vke dk lcl cMk vk;krd n'k cudj lkeu vk;k vkj bl n'k e Hkkjr }kjk fd, x, dy fu;kr d 43-5 ifr'kr ek=kk dk fu;kr fd;k x;kA nljh vkj] l;Dr vjc vehjkr dh fgLlnkjh 34-7 ifr'kr jghA uiky] ;ukbVM fdxMe ¼;d½ vkj lmnh vjc Hkkjr l vke d vU; egÙoi.k vk;krd n'k FkA ;-,-b- e fu;kr dk eY; lokf/kd] vFkkr 107-36 djkM #i,] Fkk tk vke d fu;kr d dy eY; dk 51-2 ifr'kr FkkA ckXykn'k dh dy fu;kr eY; dh fgLlnkjh ek=k 19-4 ifr'kr jgh] gkykfd bl n'k dk lcl vf/kd ek=kk e vke dk fu;kr fd;k x;kA ;ukbVM fdxMe l dy fu;kr eY; dh 7-8 ifr'kr fgLlk ikIr gvkA



vkdfr 46 Hkkjr l rkt vke d fu;kr e of)

2009&10 d ckn l vke d xn d fu;kr e yxkrkj fxjkoV vk jgh gA 2009&10 d nkjku bl dk lcl vf/kd fu;kr vFkkr 186-20 gtkj ehfVd Vu ek=kk dk fu;kr fd;k x;kft l e 2011&12 d nkjku 19-2 ifr'kr dh deh vkb vkj bl dh ek=kk ?kVdj 150-5 gtkj ehfVd Vu gk x;hA bl h idkj fu;kfrr xn dk eY; Hkh 744-61 djkM #i, l ?kVdj 620-83 djkM #i, gk x;k tk bl h vof/k e 16-6 ifr'kr dh fxjkoV dk lfpr djrk g ¼vkdfr 47½A 2010&11 d nkjku Hkkjr l vke d xn d fu;kr dk dy eY; dh lokf/kd

814-01 gtkj #i, FkkA lmnh vjc vke d xn dk ie[k vk;krd n'k cuk jgk vkj blu 45-69 gtkj ehfVd Vu xn dk vk;kr fd;k ftldk eY; 156-84 djkM #i, Fkk tk ek=kk ,o eY; d lnHk e dy vk;kr dk Øe'k% 30-4 vkj 25-3 ifr'kr jgkA rFkkfi] bl n'k dk Hkh fu;kr dh ek=kk e 2009&10 d ckn l yxkrkj fxjkoV vk jgh gA oreku e uhnjyM 92-62 djkM #i, eY; d xn ½14-9 ifr'kr ek=kk½ dk vk;kr djd nlj LFkku ij cuk gvk gA ;eu vjc fjifcyd rFkk ;ukbVM vjc vehjkr vke d xn d ie[k vk;krd n'k cu jgA



vkdfr 47% Hkkjr l vke d xn d fu;kr e of)

rkt vke rFkk bld xn d fu;kr dh ek=kk rFkk eY; d lc/ke le; Ük[kyk dk jf[kd]f}?kkr]?kkrkdh; rFkk vk'kkfèkr ?kkrkdh; ekMyk }kjk #>ku fo'y"k.k d v/;/khu j[kk x;kA vk'kkf/kr f}?kkr ekMy ftlu 68-9 ifr'kr vrj dk Li"V fd;k] Hkkjr l fu;kr fd, x, rkt Qyk dh ek=kk d lc/ke lokf/kd mi;Dr ekMy fl) gvkA nlj vkj] pj?kkrkdh; ekMyk }kjk vkfJr pj jkf'k e ek=k 1 l 16 ifr'kr vrj dk Li"V fd;k x;k vkj bl idkj bl ekMy dk Lohdkj ugh fd;k tk ldrkA fu;kr d eY; d ekey e ?kkrkdh ekMy }kjk vrj d 91-5 ifr'kr dh 0;k[;k ikIr dh x;h tk lokfèkd gA jf[kd vkj lkFk gh vk'kkf/kr f}?kkr ekMy e 89 l ydj 90 ifr'kr dh jt e mYy[kuh; vrj Kkr gvkA

lHkh i'pxeu x.kkd ikf;drk d 5 ifr'kr Lrj ij lkFkd ik, x,A xn d fu;kr dh ek=kk d lc/ke vk'kkf/kr ?kkrkdh; ekMy lokf/kd mi;Dr Fkk D;kfd bl ekMy dh lgk;rk l 87-5 ifr'kr vrj dh 0;k[;k dh tk ldhA rFkkfi] ox lnHk gr x.kkd ikf;drk d doy 10 ifr'kr Lrj rd gh lkFkd fl) gvkA vU; fodkl ekMyku 82-9 l ydj 87-5 ifr'kr dh jt e vrj d lkFkd vuikr dh 0;k[;k dhA blh idkj vke d xn d fu;kr dk eY; Hkh ?kkrkdh; ekMy dh lgk;rk l lcl vPNh rjg l Li"V ½88-5 ifr'kr½ fd;k tk ldkA vU; ekMyk }kjk Hkh i;kIr vrj vFkkr 83 ifr'kr l vf/kd d vrj dh 0;k[;k dh tk ldhA

rkt Qyk rFkk xn d fu;kr dh ek=kk e vufØ;k ekMyk dk fodflr dju d fy, vko';d eY; vkj ek=kk e deh d dkj.k fxjkoV dk #>ku 'k: gvkA rkt Qyk d fu;kr l lcf/kr ekMy }kjk doy 28 ifr'kr vrj dh gh 0;k[;k dh tk ldhA bl ekMy e eY; e fxjkoV l lcf/kr x.kkd lkFkd Kkr ugh gvk fdr ek=kk e deh l lcf/kr x.kkd ikf;drk d 15 ifr'kr Lrj ij lkFkd Kkr gvkA nlj vkj] vkfJr pj jkf'k e 83-9 ifr'kr vrj dh 0;k[;k vufØ;k ekMy dh lgk;rk l dh tk ldhA tcfd ek=kk e vkb deh l lcf/kr x.kkd ikf;drk d ,d ifr'kr Lrj ij lkFkd Fkk] ogh eY; e vkb deh l lcf/kr x.kkd lkFkd ugh ik;k x;kA bl ;g Kkr gvk fd orekuefu;kr foxro"kk e fd, x, fu;kr dh ek=kk ij vR;f/kd fuHkj jgh gA

ve:n ¼flfM;e xzkok ,y-½

HkkMkj.k

bykgkckn lQnk dh Hk.Mkj.k{kerk e of) dju d fy, tho ,tVk dk i;kx

bykgkckn lQnk d ifjiDo Qyk dk rMkb d i'pkr cflyl lcfVfyl MTCC 7607, MTCC 7606, MTCC 7612 vkj MTCC 7605 ¼10^8 dkf'kdk ifr fe-yh- dh nj l½ d pkj LVuk e 30 feuV rd Mckdj j[kk x;kA rRi'pkr mipkfjr Qyk dk id djd ifjo'kh n'kkvk ¼12$2^0$ lfYl;l rFkk 57$5 ifr'kr vkif{kr vknzrk½ d vrxr j[kk x;kA bu Qyk dk fu;fer vrjky ij Hkkfrd&jklk;fud ijkehVjk vkj lkFk gh l{e thokf.od thok dh l[;k d lc/ke Hkh fo'y"k.k fd;k x;kA HkkMkj.k d NB fnu n[kk x;k fd cflyl lcfVfyl MTCC 7606 e Qy dh n<rk ¼10-64 fd-xk- ifr oxl-eh-½ lcl vf/kd ik;h x;hA cflyl lcfVfyl MTCC 7605 l mipkfjr Qyk e HkkMkj.k d NB fnu vU; LVuk dh ryuk e mPp Vh ,l ,l ¼12-06^0 fcDl½ vkj vEyrk ¼0-20 ifr'kr½ ik;h x;h ftldk i'pkr ble fxjkoV dk #[k inf'kr gvkA HkkMkj.k d nkjku ;Qy vkerkj ij n[k tku e vkHkk ;Dr irhr g,] budh x.koÙkk vPNh jgh rFkk budk Lokn Hkh mÙke cuk jgkA vkBo fnu rd Qy rMkb d i'pkr fdl Hkh jkx l xflr gku l eDr jg tcfd dVky ¼vuipkfjr½ d :i e j[kk x, Qy HkkMkj.k d vkBo fnu fldM x, vkj mue futyhdj.k n[kk x;kA cflyl lcfVfyl MTCC 7606 l mipkfjr Qyk e ,Ldkfcd ,flM dh fufgr ek=kk HkkMkj.k d NB fnu 186-67 fe-xk- ifr 100 xke FkkA ikjfHkd ifj.kke l

;g Kkr gvk fd cfly l lcfVfyl LVuk l mipkj l Qyk dh Hk.Mkj.k {kerk e of) dh tk ldrh gA

,y&49 dh HkMkj.k {kerk e of) dju d fy, ljf{kr jlk;uk dk i;kx

,y&49 dgj ifjiDo Qyk dk rMkb d i'pkr vkD tfyd ,flM ½60 ih ih ,e½ vkj lfyflfyd ,flM ½50 ih ih ,e½ tl ljf{kr jlk;uk l mipkfjr fd;k x;k rFkk rRi'pkr ml ifjo'kh n'kkvk ½12$2º lfYl ; l rFkk 57$5 ifr'kr vkif{kr vknrk½ d vrxr HkMkj e j[kk x;kA bu Qyk dk HkMkj.k d 0] 3] 5] 7 vkj 9 fnuk d fu;fer vrjky ij Hkkfrd&jklk;fud ijkeh Vjk d lnHk e eY;kdu fd;k x;kA lfyflfyd ,flM ½50 ih ih ,e½ l mipkfjr Qyk e Hk.Mkj.k d lkro fnu n<rk 10 fd-xk- ifr ox l-eh- ik;h x;hA vkD tfyd ,flM l mipkfjr Qyk e HkMkj.k d ikpo fnu ,Ldkfcd ,flM dh fufgr ek=kk vf/kdre ½165-50 fe-xk- ifr 100 xke½ ik;h x;h ft leckn e deh n[kh x;hA HkMkj.k d uko fnu dVky ¼vuipkfjr½ Qyk dk lh ih ,y MCY; ifr'kr vf/kdre 9-21 ifr'kr Kkr gvk rFkk mlefufgr lfyflfyd ,flM dh ek=kkU;ure 5-63 ifr'kr d Lrj ij ik;h x;hA

of) rFkk fodkl d nkjku yfyr vkj 'ork e fufgr ifDVu dh ek=kk dk vkdyu

'ork vkj yfyr e mifLFkr ,Ydkgky vfoy; Bkl inkFkk ¼, vkb ,l ifr'kr½ dk fu;fer vrjkyk ij vkdyu fd;k x;kA 62o fnu 'ork dk , vkb ,l 3-73 ifr'kr Fkk tk Qy dh of) vkj fodkl d 125o fnu ?kVdj 1-77 ifr'kr gk x;kA 62o fnu yfyr dk , vkb ,l 3-97 ifr'kr Fkk tk Qy dh of) vkj fodkl d 125o fnu ?kVdj 1-68 ifr'kr gk x;kA Qy d fodkl dh li.k vof/k d nkjku 'ork dh ryuk e yfyr e mifLFkr ifDVu dh dy ek=kk dk Lrj mPp cuk jgkA 62o fnu 'ork vkj yfyr e ty fu"d"k.kh; ifDVu dh ek=kk Øe'k 26-48 vkj 39-68 ifr'kr Fkh tcfd Qy dh of) ,o fodkl d 125o fnu 'ork e bldh ek=kk 30-59 ifr'kr rFkk yfyr e 41-30 ifr'kr ik;h x;hA Qy d fodkl d 62o fnu vekfu;e vkD tyV lÙo ¼ifDVfud ,flM ifr'kr½ dh ek=kk 'ork e 16-29 vkj yfyr e 25-70 ifr ;fuV ik;h x;h tcfd 125o fnu ifDVfud ,flM dh ek=kk 'ork vkj yfyr e Øe'k 25-80 vkj 20-77 ifr'kr ik;h x;hA 62o fnu 'ork vkj yfyr e ikVkifDVu ½{kkjh; lÙo ifr'kr½ Øe'k 57-23 vkj 34-62 ifr'kr ik;k x;k tcfd 125o fnu bldh ek=kk 'ork e 44-41 ifr'kr rFkk yfyr e 37-93 ifr'kr Kkr dh x;hA

fofHkUu i;kftx lkefx;k dk i;kx djds bykgkckn lQyk dh HkMkj.k {kerk e of) djuk

200 G LDPE ¼0-25 ifr'kr okfrr½ lh ,Q ch ifV;k ¼0-5 ifr'kr okfrr½ e id fd, x, bykgkckn lQyk Qyk ½50 ih ih ,e dh nj l lfyflfyd ,flM l ;k bld fcuk mipkfjr½ dk 'khrkxkjk ½5º lfYl ; l rkieku rFkk 85&90 ifr'kr vkif{kd vknrk½ e j[kk x;kA ;g Kkr gvk fd HkMkj.k e j[k tku d 15o fnu 200 G LDPE ¼0-25 ifr'kr okfrr½ e id fd, x, Qyk e n<rk 9-84 fd-xk- ifr ox l-eh-] fcuk id t e j[k x, lfyflfyd ,flM l mipkfjr Qyk e n<rk 8-53 fd-xk- ifr ox l-eh- rFkk lh ,Q ch ifV;k e id fd, x, Qyk e n<rk 8-67 fd-xk- ifr ox l-eh- rFkk dVky ¼ifrcfèkr½ Qyk e n<rk 8-83 fd-xk- ifr ox l-eh- FkhA HkMkj.k d 15o fnu lh ih ,y MCY; dk eku fcuk mipkj fd, x, Qyk e vfèkdre ½6-88 ifr'kr½ Fkk ft ld ckn lh ,Q ch e id fd, x, Qyk dk lh ih ,y MCY; eku 6-40 ifr'kr rFkk lfyflfyd ,flM l mipkfjr fcuk id t e j[k x, Qyk dk lh ih ,y MCY; eku 6-34 Kkr fd;k x;k tcfd 200 G LDPE ¼0-25 ifr'kr okfrr½ e id fd, x, Qyk dk lh ih ,y MCY; eku U;ure 1-50 ifr'kr Kkr fd;k x;kA HkMkj.k d 15o fnu Qyk e fufgr ,Ldkfcd ,flM dh ek=kk e fofHkUu mipkjk d vrxr lkFkd vrj ik;k x;k] dVky ¼vuipkfjr½ e bldh ek=kk vf/kdre ½162-67 fe-xk- ifr 100 xke½ ik;h x;h ft ld i'pkr lh ,Q ih ifV;k e id fd, x, Qyk e bldh ek=kk 141-33 fe-xk- ifr 100 xke] lfyflfyd ,flM l mipkfjr Qyk e 128-00 fe-xk- ifr 100 xke rFkk 200 G LDPE ¼0-25 ifr'kr okfrr½ e id fd, x, Qyk e U;ure ek=kk 124-00 fe-xk- ifr 100 xke e ,Ldkfcd ,flM ik;k x;kA 200 G LDPE ¼0-25 ifr'kr okfrr½ e id fd, x, Qyk ftue lh ih ,y MCY; dk de eku] mPp n<rk vkj ,Ldkfcd ,flM dh de ek=kk ik;h x;h dk 'khrkxkjk e j[k tku ij mudh Hk.Mkj.k {kerk e of) n[kh x;hA

eY; o/ku

xnk rFkk i; inkFkk d fy, fofHkUu fdLek vkj ldj fdLek dk eY;kdu

pkj ldj fdLek@vU; fdLek e l ljnkj ¼226 fe-xk- ifr 100 xke½ e ,Ldkfcd ,flM dh fufgr ek=kk mPpre ik;h x;h tcfd p;fur 80&8 fdLe ¼180 fe-xk- ifr 100 xke½ e ,Ldkfcd ,flM dh fufgr ek=kk lcl de ik;h x;hA xnk r;kj dju d ckn ljnkj e ,Ldkfcd ,flM dh fufgr ek=kk ?kVdj 174 fe-xk- ifr 100 xke rFkk p;fur 80&8 fdLe e bl dh fufgr ek=kk ?kVdj 131 fe-xk- ifr 100 xke gk x;hA ljnkj fdLe l r;kj fd;k x;k i; inkFk Lokn dh nf"V l lokf/kd Lohdk; ik;k x;kA

U;ure lalkf/kr Lykbl r;kj djuk

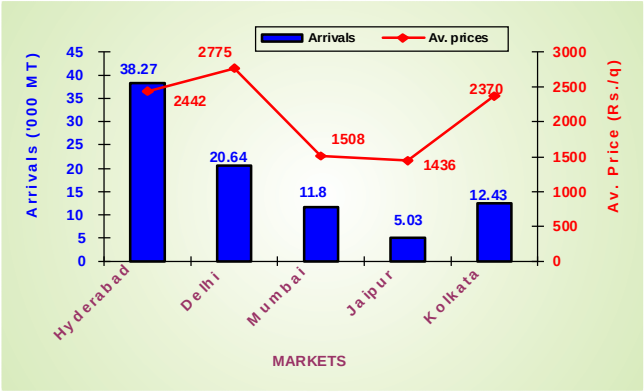
ldjkekbfll ljfolh dk i;kx djd i'khfrr n'kkvk d vrxr U;ure lalkf/kr ve:n d Lykblk d HkMkj.k gr lfØ; idftx dk ekudhdj.k vkjHk fd;k x;kA ueu dk 10 fnuk dh vof/k d i'pkr Vh,l,l] vuekl; vEyrk rFkk xBu tkuu d fy, fo'y"k.k fd;k x;kA fofHkUu mipkjk e l <Ddu dk to dkjdk vkj eke l vkyfir dju vkj <Ddu ij to dkjd i;Dr dkxt d fMLd dk fpidku l Lohdk; mipkj d vkB fnuk rd dVky ¼vuipkfjr½ dh ryuk e x.koÙkk Lohdk; thokf.od Hkkj l ;Dr Lykbl iklr g,A

U;VkL;fVdy le) vkj Vh ,l r;kj djuk

lgtu dh ifÙk;k d tyh; lÙo dk i;kx dj vkj Vh ,l dk 56 ekbØk xke ifr 100 fe-yh- rd djkfVuk;M l le) fd;k x;kA iklr mRikn Lokn dh nf"V l Lohdk; ik;k x;kA

ck tkj fo'y"k.k

2012&13 d nkjku y[kuÅ d ck tkjk e dy 3-08 g tkj ehfVd Vu ve:n iklr gvkA uocj 2012] fnlcj 2012 vkj tuojh 2013 e 2012&13 d nkjku dy 0;kikfjr ek=kk dk Øe'k 15-04 ifr'kr] 28-83 ifr'kr vkj 22-45 ifr'kr ve:n ck tkj e vk;kA nljh vkj] vxLr d eghu e 5-17 ifr'kr ve:n y[kuÅ d ck tkj e igpk tk ekulu d ekle d nkjku dk lcl Åpk Lrj FkkA tuojh 2013 e tcfd ck tkj e ve:n dh vkod lcl vf/kd Fkh] bldk vklr eY; ifr fDoVy 491-00 #i, Fkk tk Qjojh e c<dj 501-00 #i, ifr fDoVy gk x;kA Hkkfjr vklr Fkkd eY; 543-00 #i, ifr fDoVy Fkk tk fiNy o"k d eY; dh ryuk e yxHkx 21 ifr'kr de Fkk ¼vkdfr 48½A



vkdfr 48½ 2012 d nkjku ie[k ck tkjk e ve:n dh vkod rFkk eY; ¼96-46 g tkj ehfVd Vu½

n'k d lHkh ck tkjk e dy 96-46 g tkj ehfVd Vu ve:n dk 0;kikj fd;k x;k ft le l gnjkckn rFkk fnYyh d ck tkjk e Øe'k 39-7 ifr'kr vkj 21-4 ifr'kr ve:n dh fcØh dh x;hA dkydkrk rFkk ecb e n'k e ve:n d dy 0;kikj d Øe'k 12-9 ifr'kr vkj 12-2 ifr'kr ve:n dh fcØh gbA gnjkckn rFkk fnYyh d ck tkjk e ve:n dk Hkkfjr vklr Fkkd eY; Øe'k 2442-00 #i, ifr fDoVy rFkk 2775-00 #i, ifr fDoVy FkkA t;ij d ck tkj e bldk lcl de eY; 1436-00 #i, ifr fDoVy jgkA

iihrk ¼dfjdk iik;k ,y-½

ck tkj fo'y"k.k

2012&13 d nkjku y[kuÅ d ck tkjk e dy 9-48 g tkj ehfVd Vu iihr dh vkod gbA okLro e fiNy o"k dh vkod dh ryuk e bl o"k ck tkj e iihr dh vkod e 0-55 ifr'kr dh ekeyh deh gb] gkykfd ;g ek=kk 2007&08 l 2008&09 d nkjku gb vkod l vf/kd FkhA vyx&vyx eghuk e ck tkj e bldh vkod e dkQh vf/kd vrj n[kk x;kA ck tkj e lcl vf/kd vkod ekp 2013 ¼2012&13 d nkjku dy vkod dk 18-45 ifr'kr½ e gbft ld i'pkr viy 2012 vkj Qjojh 2013 e bldh ek=kk Øe'k 12-57 vkj 11-82 ifr'kr jghA

lfn;k dekle ¼uocj 2012&ekp 2013½ dh nkjku ckrkjh e vkod 56-09 ifr'kr nr dh x;hA tykbZ 2012 dh nkjku iihr dk U;ure eY; 599-00 #i, ifr fDoVy nr fd;k x;kA lnh dh eghuk dh nkjku blds eY; 612 l 700 #i, ifr fDoVy d chp jgkA o"k dh nkjku Hkkfjr vkl r Fkk eY; 659-00 #i, ifr fDoVy Fkk tks foxr 7 o"kZ dh nkjku dk lcl vf/kd eY; FkkA

cy ¼,fty ejeykl dkfj;k-½

HkwMkj.k

cy dh p;fur fdLeksa dk iDou&vkpj.k

dnh; mik".k ckxckuh lLFkku ¼lh vkbZ ,l ,p½ }kjk lLFkku e mxk, x, cyk ¼lh vkbZ ,l ,p ch&1 vkj ch&2½ d Qyksa dh iMksa e Qy yxu d 320] 335 vkj 345 fnuksa d i'pkr rMkbZ dh x;h rFkk idu d nkjku Qyksa e x.koÙkk lc/kh ijkehVj e ifjoru Kkr djus d fy, mUgs ifjo'kh n'kkvksa d vrxr idk;k x;kA tl&tl Qy dh ifjiDork c<u yxh] ol&ol Qyksa d idu e yxu okyk le; ?kVrk x;kA ch&1 vkj ch&2 d ids g, Qyksa e ifjorh rMkbZ pj.kksa d lkFk gh Qy e fufgr Vh ,l ,l dh ek=kk e mYy[kuh; of) n[kh x;h ¼ch&1 e 36-7° fcDl l 37-2° fcDl vkj ch&2 e 36-6° fcDl l 39-3° fcDl ½A fcuksa ids g, Qyksa e rMkbZ dh vof/k e of) gku d lkFk gh Vfud ,flM dh fufgr ek=kk e deh vkbZ tks ch&1 e 1790 fe-xk- ifr 100 xke xnk l ?kVdj 1516 fe-xk- ifr 100 xke xnk gk x;k rFkk ch&2 e 1794 fe-xk- ifr 100 xke xnk l ?kVdj 1536 fe-xk- ifr 100 xke xnk gk x;kA rFkkfi] ch&1 vkj ch&2 d ids g, Qyksa e ble mYy[kuh; of) gbZ tks rMkbZ dh vof/k l viHkkoh jgh rFkk ;g n[kk x;k fd Qy dh of) ,o fodkl d 335 fnu d ckn rMkbZ fd, x, ids g, Qyksa e lokf/kd ¼ch&1 vkj ch&2 e Øe'k% 1956 vkj 2024 fe-xk- ifr 100 xke xnk½ ek=kk mifLFkr FkhA cy dh nkuksa fdLeksa d fcuksa ids g, Qyksa e ekeykfluh vkj lkjfyu dh fufgr ek=kk e deh dk#>ku fn[kkbZ fn;kA gkykfd lkjfyu u ch&1 e dkbZ fof'k"V #>ku inf'kr ugh fd;kA rFkkfi] ids g, Qyksa e rMkbZ dh vof/k ij fuHkZj u djrs g, mudh fufgr ek=kk e rFkk l fxjkoV n[kh x;hA rMkbZ d le; dk vfxe dju l ch&1 vkj ch&2 d fcuksa ids g, Qyksa e ifDVu dh dyh fufgr ek=kk Øe'k% 20-2 l c<dj 28-8 vkj 20-4 l c<dj 34-5 ifr'kr gk x;h] ft le Qy yxu d 335 fnu d ckn rkM x, Qyksa d idu ij vkx vkj of) gbZ ¼ch&1 e 50-1 ifr'kr vkj ch&2 e 52-5 ifr'kr½A dyh ifDVu d vfHkyf{kr fu/kkZj.k l ;g Kkr gvk fd rMkbZ dh vof/k e of) gku d lkFk gh ch&1 vkj ch&2 d fcuksa ids ¼dPps½ vkj ids nkuksa Qyksa e ty fu"df"kr v'k e of) dk iVu rFkk {kkj fu"df"kr v'k e deh dk iVu inf'kr gvkA Qyksa d yxu d 335o fnu rMkbZ fd, x, ch&1 vkj ch&2 d ids g, Qyksa dk Qyksa d yxu d 320 fnu ckn rkM x, Qyksa dh ryuk e gMkfud Ldy ij Lokn dh nf"V l cgrj ik;k x;k ¼Ldj 7-4½A tcfd Qyksa d yxu d 320 fnuksa d ckn ;k 345 fnu d ckn rkM x, Qyksa dk bl lnHk e Øe'k% 6-7 vkj 6-3 dk Ldkj ikIr gvkA

eY; o/kZu

cy dk lkbMj r;kj djuk

ldjkekbfl l ljfolh dk i;kx djds 4 ifr'kr ,Ydkgy l ;Dr cy lkbMj r;kj fd;k x;k vkj ml 0-25 ifr'kr cy iÙk d lÙo rFkk 10 ifr'kr vkoyk vkl o d lkFk fefJr fd;k x;kA fefJr fd, tkus d ifj.kkeLo:i bld ik"kf.k d rFkk Lokn lc/kh x.kk e of) gbZA vuipkfjr ¼lknk½ e Qhukfyd dh fufgr ek=kk 266 fe-xk- ifr 100 fe-yh- n[kh x;h tcfd vkoyk fefJr lkbMj e bl dh ek=kk 323 fe-xk- ifr 100 fe-yh- Kkr dh x;hA bl h idkj vuipkfjr dk Lokn dh nf"V l 7-0 vd ¼Ldkj½ inku fd;k x;k tcfd cy d iÙk dk lRo fefJr lkbMj vkj vkoyk fefJr lkbMj dk Øe'k% 7-9 vkj 8-2 vd ikIr g,A cy d lkbMj d fo'y"k.k l ble fufgr ,Ldkfcd ,flM dh ek=kk 3-1&3-5 fe-xk- ifr 100 fe-yh- l 0-7 fe-xk- ifr 100 fe-yh- d jt e Kkr gbZ tcfd Qhukfyd dh ek=kk 266&323 fe-xk- ifr 100 fe-yh- d jt l c<dj 469&515 fe-xk- ifr 100 fe-yh- d jt ij igp x;hA 10 ifr'kr vkoyk lkbMj l fefJr fd, x, cy d lkbMj dk HkwMkj.k d rhu eghu d i'pkr Lokn dh nf"V l lokZ/kd ik;k x;kA

vkoyk¼,Ecfy dk vkfQf l ufy l xVu-½

vif'k"V mi;kx

vkoyk&cy fefJr gcy pk;

lLFkku }kjk ,d Lohdk; x.koÙkk l ;Dr vkoyk&cy fefJr gcy pk; r;kj dh x;hA r;kj dh x;h pk; e 1-4 fe-xk- ifr 100 fe-yh- ,Ldkfcd ,flM] 21-6 fe-xk- ifr 100 fe-yh- ikfyQhuky rFkk ux.; dykjh dh mifLFkfr ik;h x;hA

yhph¼yhph pkbufU l l lku-½

eY; o/ku

yhph l cuk, x, okbu dk to jklk;fud fo'y"k.k

jk"Vh; vul/kku dn ¼,u vkj lh½ yhph] e t¶Qjij }kjk yhph l fufer okbu d fo'y"k.k l m le 22-4⁰ fcDl dy ?kyu'khy Bkl inkFk ¼Vh , l , l½] 1-59 ifr'kr vEyrk] 1-7 fe-xk- ifr 100 fe-yh- ,Ldkfcd ,flM] 23-4 fe-xk- ifr 100 fe-yh- QhukfyDl] 8-43 ifr'kr vipk;h 'kdjk vkj 5-1 ifr'kr ,Ydkgky dh mifLFkfr Kkr gb gA

[khjk¼d d fe l l Vkbo l½

eY; o/ku

[khjk l fufer ikck;kfVd i; inkFk

ued ½2 ifr'kr½ vkj ljlk ¼0-5 ifr'kr½ dk i;kx dj [khj d yfDVd ,flM fd.ou d tfj, ,d ikck;kfVd i; inkFk r;kj fd;kx;kA f'keykfep lokl;Dr bl ikck;kfVd i; inkFk e Vh , l , l 2-4⁰ fcDl, pH eku 3-6] vEy 0-2 ifr'kr] Vfuu 6 fe-xk- ifr 100 fe-yh- rFkk yDVkcflyl Lifl t dh mifLFkr l[;k ifr fe-yh- 10⁶ Kkr dh x;h rFkk bl e Lokn dh nf"V l mPp Lohdk;rk ¼10 e l 9 vd iklr g,½ Kkr dh x;hA bl i'khfrr n'kkvk d vrxr x.koÙkk e dkb deh vk, fcuk 4 llrkg rd HkMkj e j[kk tk ldrk gA

4- ik|kfxdh eY;kdu ,oa gLrkarj.k

lkjkj

in'kfu;k

lLFkku jkT; ,o jk"V Lrjh; fuEufyf[kr in'kfu;k e lfEefyr gvk rFkk vf/knf'kr Qlyk e viuh miyfC/k;k rFkk ik|kfxd;k dk n'kk;kA

Ø-l-	dk;Øe	LFkku	vk;kstd	frfFk
1-	gfj}kj e ckxokuh fodkl ij lxk'Bh ,o lkn"kuh	Lkh-vk-b-vkj-] #Mdh] gfj}kj	,u-,p-ch ,o ckxokuh fun"kky;] mRrjk[kM	eb 12&13] 2012
2-	jk'Vh; vke cBd	vkeikyh okVj ikd] efygkckn] y[kuÅ	,u-,p-ch- ,o Hkkjrh; vke mRiknd l?k	tu 30] 2012
3-	,e-,l-,e-b- lkn"kuh 2012	bfnjk xk/kh ifr'Bku] xkerhuxj] y[kuÅ	,e-,l-,e-b- e=ky;] Hkkjr ljdkj	tykb 06&08] 2012
4-	vke xk'Bh ,o lkn"kuh	Hkxokuij] gfj}kj	,u-,p-ch-] u;h fnYyh	tykb 09] 2012
5-	fdlku eyk	yky cgknj 'kkL=h eekfj;y QkmUM'ku] bykgkckn 'kgj] mRrj in'k	yky cgknj 'kkL=h eekfj;y QkmUM'ku] u;h fnYyh	vxLr 31 l flrcj 03] 2012
6-	Hkkjr fuek.k tu lpuk dk;de	egkjktk ilkn bVj dkyt] cyjkeij] mRrj in'k	i= lpuk dk;ky;] y[kuÅ	vDVcj 11&13] 2012
7-	df'kd M;jh] dDdV ,o [kk| lkn"kuh	bfnjk xk/kh ifr'Bku] xkerhuxj] y[kuÅ	d 2 xhu ik- fyfeVM] u;h fnYyh	vDVcj 18&20] 2012
8-	Uk"kuy dkQl vku euftx FkfVfux fMtht vkQ gkfVdYpjy efMfluy] jkefVd ,M QhYM ØkIl bu fjy"ku V QkbVkIkFkykftdy DykbeV flp,"ku	vkb-vkb-,l-vkj-] y[kuÅ	bfM;u QkbVkIkFkykftdy lkIkbVh	uocj 03&04] 2012
9-	mRrj in'k d fy, df'kd vul/kku fodkl lHkk rFkk fdlku foKku lxe & 2012	vkb-vkb-,l-vkj-] y[kuÅ	vkb-vkb-,l-vkj-] lh-vkb-,l-,p-] ,u-ch-,Q-th-vkj-] lh-,l-,l-vkj- vkb- {k=h; dUn] y[kuÅ	uocj 23&24] 2012
10-	100 ok Hkkjrh; foKku dkxl	dkydkrk d foodkun fØjkxu] lkYV yd flVh] dkydrk	Hkkjrh; foKku dkxl l?k	Tkuojh 03&07] 2013
11-	5 ok foKku ,DLik 2013	vkj-,l-lh-,y- vyhxt] y[kuÅ	vkj-,l-lh-,y- vyhxt] y[kuÅ	Tkuojh 30 & Qjojh 03] 2013
12-	14 ok df'k foKku dkxl	vk-;-,-Vh-] Hkou"oj] vkMh"kk	vk-;-,-Vh-] Hkou"oj] vkMh"kk	Qjojh 07 & 09] 2013
13-	09 ok ,xkVd & 2013 ,o jk'Vh; phuh QLV	vkb-vkb-,l-vkj-] y[kuÅ	dkM] vkb-lh-,-vkj-] u;h fnYyh	Qjojh 16 & 18] 2013
14-	jkT; Qy] lCth ,o Qy lkn"kuh	jktHkou] y[kuÅ	ckxokuh rFkk [kk| ilLdj.k fun"kky;] y[kuÅ	Qjojh 23 & 24] 2013

Ø-l-	dk;Øe	LFkku	vk;kstd	frfFk
15-	lkl df'k foKku eyk	vkb- ,- vkj- vkb-] u;h fnYyh	vkb- ,- vkj- vkb-] u;h fnYyh	ekp 06&08] 2013
16-	fdlku xk'Bh	Cknykij] tkuij] y[kuÅ	lh-vkb-,l-,p-] y[kuÅ	ekp 16] 2013
17-	fdlku eyk ,o in"kuh	d-oh-d-] dkfr;k] lhrkij	d-oh-d- dkfr;k] lhrkij	ekp 25] 2013
18-	df'k ik|kfxfd;k dk "kkdflx	lh-vkb-,l-,p] jgeku[kMk] y[kuÅ	lh-vkb-,l-,p-] jgeku[kMk] y[kuÅ	ekp 30] 2013

lEeku

lLFkku u 12 l 13 eb 2012 rd lh-vk-b-vkj] :Mdh e ,u-,p-ch- rFkk mÙkjk[k.M d ckxokuh ,o [kk| ilLdj.k fun'kky; d rRoko/kku e gfj}kj e ckxokuh d fodkl ij vk;kftr lxk"Bh ,o in'kuh e Hkkx fy;k rFkk ,d in'kuh LVky yxk;k ftld fy; f}rh; ijLdkj ikIr gvkA

ik|kfxfd;k dh 'kkdflx

lLFkku u y[kuÅ fLFkr jgeku[kMk d e[; ifjlj e fnukd 30 ekp 2013 dk ,u-,-vkb-ih- d vUrxr ik|kfxfd;k dh 'kkdflx dk vk;kstu fd;kA bl dk;Øe e vkb-lh-,-vkj-]lh-,l-vkb-vkj-] d-oh-d- rFkk df"k mRiknu l lcf/kr futh difu;k u fofHkUu uokUe'kh ik|kfxfd;k dk in'ku fdlkuk@vkxUrdk d le{k fd;kA

lkn'kfu;k

lLFkku }kjk fnukd 08 tu 2012 dk vke d ljf{kr ,o ,d leku idu rFkk rMkb d fy, lyVQke dk i;kx dju lcf/kr ,d fdlku xk"Bh ,o in'kuh dk vk;kstu y[kuÅ d dkdkjh Cykd d uchuxj xko e fd;k x;kA ble 150 l vfèkd vke d mRiknd lfEefyr g,A

lLFkku u 24 o exk QfLVoy] fnYyh gkV] ihre ijk] u;h fnYyh e fnukd 6&8 tykb 2012 e Hkkx fy;kA bldk vk;kstu Mh-Vh-Vh-Mh-lh-] u;h fnYyh }kjk fd;k x;kA bl nkjku lLFkku u n'k d fofHkUu {k=kk dh ie[k fdLek ,o vke dh ldjfdLek dk in'ku fd;kA lkFkgh vke lkUuk ,o LDok'k cuku dk in'ku fd;k x;k ft le vkxUrdk u mRlkgiod fgLlk fy;kA

vU; lkn'kfu;k e lgHkfxrk

fdlku xk"Bh dk vk;kstu

mRrj in'k ,o mRrjk[kM d vke mRiknd {k=kk e fuEufyf[kr fdlku xkf"B;k dk vk;kstu fd;k x;k ftlls fd mUgs Qly mRiknu] lj{k.k ,o rMkb mijkUr ic/ku d {k=kk e ik|kfxdh lc/kh leFku fn;k tk ldA

1- y[kuÅ d dkdkjh Cykd d uchuxj xko e vke dh rMkb ,o mudk bFkjy l ,d leku #i l idku ij fdlku xk"Bh dk vk;kstu fd;k x;kA ¼tu 8] 2012½

2- mRrjk[kM d gfj}kj d Hkxokuij Cykd e jk"Vh; ckxokuh ckM d lg;kx l vke xk"Bh ,o lkn'kuh dk vk;kstu fd;k x;kA ¼tykbZ 09] 2012½

3- y[kuÅ d eky Cykd d vkn'k lR;Un egkfo|y; e vke dh mRikndrk d l/kkj d fy, ckx ic/ku ,o vke dh x.koRrk fo"k; ij vke xk"Bh&lg&if'k{k.k dk vk;kstu fd;k x;kA ¼flrcj 12] 2012½

4- ejB d eknhije fLFkr ikt DV Mk;jDVjV vku Qkfex flLVe fjlp e rMkb io ik|kfxdh d i;kx l vke dh mRikndrk e l/kkj ,o mldh Qy x.koRrk dk;e j[ku ij ,d fnolh; fdlku xk"Bh ,o dk;'kkyk dk vk;kstu fd;k x;kA ¼vDVcj 05] 2012½

5- y[kuÅ d jgeku[kMk fLFkr lh-vkb-,l-,p- e lgHkkfxrk cBd d nkjku ,d fnolh; fdlku xk"Bh dk vk;kstu fd;k x;kA ¼fnlcj 29] 2012½

6- ckjkcdh d Hk;kjk xko e mRikdrk e l/kkj yku RkFkk vke dh Qy x.koRrk d fy, ckxokuh ic/ku ij ,d fnolh; xk"Bh&lg&if'k{k.k dk vk;kstu fd;k x;kA ¼tuojh 30] 2012½

if'k{k.k

fofHkUu ,tfl;k mik".k Qy Qlyk d mRiknu] lj{kk }kjk foÙkikf"kr rFkk rMkb mijkUr ic/ku rFkk vkxfud Qkfex ij 16 if'k{k.k dk;Øe vk;kftr fd;x;ft le 407 fdlku@vf/kdkjh lfEefyr g,A foLrr tkudkjh fuEufyf[kr gA

fdlku@fo|kFkh@ilkj vf/kdkfj;k dk ,Dlikt j Hke.k

fofHkUu jkT;k d 1546 fdlkuk@vf/kdkfj;k u lLFkku dk Hke.k fd;kA bue 180 fo|kFkh FkA viu Hke.k d nkjku] mUg lLFkku d i;kfxd Qke] ilLdj.k] idftx rFkk vulèkku

Øe l-	fo"k;	lkk;k t d	vof/k	ifrHkkxh
1	vke] ve#n ,o vkoyk dk ilLdj.k] Qkdk dk fudkyuk ,o eY;o/ku	[kk| ilLdj.k ,o ckxokuh fun"kZ;] jkuh[kr] mRrjk[kM -	16& 20 viy] 2012	19 vf/kdkjh
2	mik'.k Qyk dk mRiknu] Qly lj{k.k ,o rMkb mijkUr ic/ku	Ckkxokuh foHkkx] nekg] Ek?; in"k	11& 13 tu] 2012	50 fdlku
3	vke] ve#n ,o vkoyk dh mUur [krh ij if"k{k.k lg ,Dlikt j Hke.k	jkT; Ckkxokuh foHkkx] [kEee] vk/k in"k	02&03 tykb] 2012	35 fdlku ,o 02 vf/kdkjh
4	vke dk mRiknu] Qly lj{k.k ,o rMkb mijkUr ic/ku	,l-,p-,e-] fr#ouUrije] djy	25&27 tykb] 2012	20 vf/kdkjh
5	mik'.k Qyk dk mRiknu] Qly lj{k.k ,o rMkb mijkUr ic/ku ij if"k{k.k lg ,Dlikt j Hke.k	Ckkxokuh foHkkx] cLrj NRrhlx<	25&28 vxLr] 2012	07 fdlku
6	mik'.k ckxokuh Qyk e vfrl?ku ik/k jki.k	vkRek] njHkxk] fcgkj	11&13 flrcj] 2012	19 fdlku
7	mik'.k ckxokuh Qyk e vfrl?ku ik/k jki.k	vkRek] if.k;k] fcgkj	20&22 fnlcj] 2012	20 fdlku
8	Qy Qlyk d ckxk dk th.kk)kj	vkRek] floku] fcgkj	15&19 Tkuojh] 2013	17 fdlku
9	jhlV ,Mokl t bu lcVkfidy ÝV Øki ikMD"ku	Tkkuy ikt DV Mk;jDVkjV tku&4] dkuij	12&14 ekp] 2013	20 ,l- ,e- ,l-
10	mik'.k Qy Qlyk e vfrl?ku ik/k jki.k	vkRek] Hkkt ij] fcgkj	19&21 ekp] 2013	20 fdlku
11	vkxfud Qkfex	VDukykth fe"ku] Hkkjr ljdkj	15&16 ekp] 2013	30 vf/kdkjh@ fdlku flfDde l
12	vkxfud Qkfex	,u-,-vkb-ih-	17&19 flrcj] 2012	10 fdlku
13	vkxfud Qkfex	VDukykth fe"ku] Hkkjr ljdkj	7&8 uocj] 2012	35 vf/kdkjh@fdlku e?kk;; l
14	vkxfud Qkfex	VDukykth fe"ku] Hkkjr ljdkj	11&12 fnlcj] 2012	35 vf/kdkjh@ fdlku vle l
15	vkxfud Qkfex	VDukykth fe"ku] Hkkjr ljdkj	20&21 fnlcj] 2012	35 vf/kdkjh@fdlku ef.kij l
16	vkxfud Qkfex	VDukykth fe"ku] Hkkjr ljdkj	Qjojh 26&27] 2013	35 vf/kdkjh@ fdlku flfDde l

i;kx'kkykvk dk Hke.k djok;k x;k ft le fd mUg lLFkku dh vul/kku xfrfof/k;k rFkk ik|kfxfd;k l voxr djk;k x;kA

fd lkuk dk ijke'k

Hkkjr d fofHkUu fgLlk d 11 fd lkuk rFkk i lkj vfèkdkfj;k u lLFkku dk Hke.k fd;kA mUg mud i'uk dk mÙkj ijke'k d :i fn;k x;k ft ll o i{k=k e mu ik|kfxfd;k dk dk;kfUor dj ldA

ikLVy i'u

i=kpkj d ek/;e l mRikndk d mik".k Qyk d fofHkUu igyvk l lcf/kr i'uk d mRrj fn; x;A ckxokuk dk vke] vkoyk] ve:n rFkk i ihrk fo"k;d i lkj QkYMj rFkk cyfVuk dk oKkfud [krh d fy, miyC/k djk;k x;kA

fd lkuk d fy, gYiykbu

lLFkku d oKkfudk }kjk fd lkuk d ik/k lkexh miyfCèk] vke e nfgd fodkj] dhV ,o jkx fu;=k.k vkfn l lcf/kr 65 dkyk dk mRrj fn;k x;kA fd lkuk d Qy Qlyk l lcf/kr leL;kvk dk lek/kku fd lku dky lVj ,o Qku&bu&ykbo dk;Øe d vUrxr VyhQku d }kjk fn;k x;kA bu leL;kvk dk lek/kku fo"k; fo'k"kKk }kjk VyhQku ij fn;k x;kA ckxokuh dk i lkj QkYMj ,o cyfVu oKkfud [krh d fy, miyC/k djk;h x;hA

fd lkuk d fy, ek le vk/kkfjr df"k& ijke'knk=kh lok,

lLFkku dh oc lkbV ¼www.cishlko.org½ d ek/;e l ehfM;k fjlkl fu.k; lgk;d 0;oLFkk d ,d l?kVd d :i e Qkby&Qkej ,Mokb tjh d vrxr fgnh vkj lkFk gh vx th nkuk Hkk"kkvk e ek le vk/kkfjr df"k&ijke'knk=kh lok, inku dh x;h rFkk ehfM;k dk ikf{kd vk/kkj ij igy l gh bl lcèk e voxr djk fn;k x;k rkfd vk l ik l d vke mRiknd {k=k d m|ku d"kdk dk l>k, x, mik;k dk le; l i;kx e yku d fy, i;kIr lpuk miyC/k gk ldA flrcj&vDrcj d nkjku vke dh ifÙk;k ij tkyk dhV d vpkud idki l cpko d lc/k e ijke'k rFkk bld ic/ku l lcf/kr lpuk lLFkku dh oc lkbV ij miyC/k djkb x;h rFkk bl lc/k e le; l ehfM;k dk Hkh voxr djk;k x;kA flpkb ty d i;kx rFkk Qy d o{kk d Åij NIij yxkdj fnlcj rFkk tuojh d eghuk d nkjku ikyk iMu d dkj.k gku okyh {kfr dk jkdu d fy, ijke'k tkjh fd, tkr gA fnlcj d eghu e vke d iMk ij p.kh eRd.k ¼fefy cx½ dh jkdFkke d fy, Hkfe d ry l 30 l-eh- dh Åpkb ij iM d ruk ij ikfy,fFkyhu dh iêh yxku rFkk iR;d iM d ru d pkjk vkj 250 xke dh nj l 1-5 ifr'kr Dykjikbfj Qkl d i;kx d lc/k e ijke'k fn;k x;kA Qjojh d vfre llrkg vkj ekp d nkjku vke ij yxu oky Qndu oky dhVk ¼exk gkij½ dk fu;f=kr dju gr m|ku d"kdk dk fuxjkuh j[ku d fy, rFkk ;fn gkij dh tho l[;k ifr i"ixPN 5 l vf/kd gk rk bfeMkDykfiM ¼-005%] 0-3 fe-yh-@yhVj ty½ d igy fNMdko dh lykg nh x;hA ;fn ekp d eghu e 50&60 ifr'kr vkif{kd vknrk d lkFk vfèkdre vkj U;ure rkieku Øe'k% yxHkx 35⁰ lfYl;l vkj 15&17⁰ lfYl;l ij igp tk, rk pf.ky vkflrk dh leL;k mRiUu gk ldrh g] rnulkj fHkxk, tku ;kX; lYQj ¼0-2% vFkkr ifr yhVj ty 2 xke½ d fNMdko d lc/k e ijke'k tkjh fd;k x;kA Qy m|kuk d lc/k e mRikndk dk crk;k x;k fd ;fn rkieku vpkud c<dj 33⁰ lfYl;l l vf/kd gk tk, rk ufcu ÝV Qke'ku ¼>edk½ d mRiUu gku dh lHkkouk c< tk,xh ft l mi;Dr flpkb dk i;kx djd U;ure fd;k tk ldrk gA Qyk dh rMkb l ,d eghuk igy mUg Fkykcn dju ¼cfxx½ d ckj e ijke'k tkjh fd, x, rkfd vkd"kd jxk rFkk ck tkj e vf/kd vkd"kd yxu oky ,d leku :i l id g, Qy miyC/k gk ldA lLFkku e mi;Dr fuxjkuh r=k dk; dj jgk g rFkk bld }kjk vkikr vko';drkvk d vk/kkj ij oc lkbV ij lpukvk dk rnulkj v|ru fd;k tkrk gA

5- f'k{kk ,oa izf'k{k.k

izf'k{k.k

foxr ,d o"k dh vof/k d nkjku fuEufyf[kr oKkfudk@vf/kdkfj;k dk ekuo lalk/ku fodkl ?kVd d vUrxr n'k ,oa fon'k e if'k{k.k d fy, ifr fu;Dr fd;k x;kA

fon'k

- Mk- euh"k feJ] ofj"B oKkfud ¼ckxokuh½ ,u-,-vkb-ih-foÙk ikf"kr vefjdk d fe'khxu e bLV yukfl x fLFkr fe'khxu LVV ;fuofl Vh e ^^fjLd ,lalesV vkQ Vkl tfud Øki** fo"k;d if'k{k.k ik- djhe ejfn;k d ijke'k e ikIr fd;kA ¼tuojh 13 lalviy 15] 2012½
- Mk- ,p- jfo'kdj] fun'kd u ,u-,-vkb-ih- d vUrxr gkoM duMh Ldy] ,e-,-] ;-,l-,-eyhMjf'kifMlh tu efdx vkflVekbftx vkxukt'kuy ijQke l dk;Øe e fgLlk fy;kA ¼28 vDVcj lalo 02 uocj] 2012½

Hkkjr

- Mk- vry fl?kk] oKkfud ¼df"k ekbØkc-½ ,u-,-,l-vkb-] cxy: e ekbdkfjtky flck;kfll ij ,d if'k{k.k dk;Øe e lfEefyr g,A ¼13 ,oa 14 flrcj] 2012½
- Mk- r:.k vnd] oKkfud ¼enk Hkkfrdh½ u Hkkiky e vkb-lh-,-vkj- }kjk foÙk ikf"kr ,lyhd'ku vkQ uukVDukykth buLok;y lkbl ,olykVU;Vh'kufjlp ij if'k{k.k e lfEefyr g,A ¼18&2 flrcj] 2012½
- Jh ckykth jktdekj] oKkfud ¼df"k dhV foKku½ u gnjkckn fLFkr jk"Vh; ik/k LokLF; ic/k lalFkku e DojUVkbu iLV fMVD'ku ,.M vkbMfVfQd'ku fo"k;d 21 fnolh; if'k{k.k dk;Øe e Hkkx fy;kA
- Mk- dyk'k dekj] i/kku oKkfud ¼df"k jlk;u@mojrk@ekbØkck;kyk th½ u gnjkckn fLFkr Hkkjrh; i'kklfud LVkQ dkyt e foKku i'kklu ,oa vul/kku ic/ku fo"k; ij if'k{k.k dk;Øe e Hkkx fy;kA ¼29 vDVcj lalo 07 uocj] 2012½
- Mk- uhfyek xx] i/kku oKkfud ¼ekbØkck;kyk th½ ,oa v/;{k u gnjkckn fLFkr uke e urRo fodkl d fy, ic/ku fodkl dk;Øe ij ih-vkj-,e-ih- if'k{k.k dk;Øe e Hkkx fy;kA ¼8 lalo 19 vDVcj] 2012½
- Jh me'k gnnefu] oKkfud ¼ik/k i tuu½ u u;h fnYyh fLFkr vkb-,l-vkj-vkb- ejhlUV ,MokUl t buDokVhfVo tufVDl rFkk LVfVfLVdy thukfeDl ij foUVj Ldy e fgLlk fy;kA ¼6&26 uocj] 2012½
- Mk- x.kMlik] oKkfud ¼df"k dhV foKku½ ub fnYyh fLFkr vkb-,-vkj-vkb- rFkk cXy: fLFkr vkb-vkb-,p-vkj-e ikQ'kuy vVpeV Vfux e fgLlk fy;kA ¼11 uocj lalo 10 fnlcj] 2012½ ¼10 lalo 21 fnlcj] 2012½
- Mk- r:.k vnd] oKkfud ¼enk Hkkfrdh½ rFkk lJh i"ik d- ¼[kk| ,oa ik"k.k½ u u;h fnYyh fLFkr vkb-,-vkj-vkb- e ikt DV Qkey'ku] fjLd ,lalesV] lkbfVfQd fjikV jkbfVx ,oa itUV'ku ij vk;kftr jk"Vh; if'k{k.k e fgLlk fy;kA ¼11&15 fnlcj] 2012½

0;k[;ku

- Mk- n";Ur dekj fnukd 15 viy 2012 dk xt jkr d dPN fLFkr d-oh-d- enk e ik|kfxd;k d }kjk vke d ckxk dh mRikndrk l/kkj fo"k;d vke d lfeukj e 0;k[;ku fn;kA
- Mk- ,l-jk tu fnukd 22 eb 2012 dk u;h fnYyh fLFkr ukl e ih-ih-oh-,Q-vkj-,- }kjk vk;kftr vke e vku&lkbV Ml (DUS) ijh{k.k ,oa x.k fo'y"k.k ij 0;k[;ku fn;kA
- Mk- ,l-jk tu fnukd 28&31 eb 2012 rd Hkou'oj e [kk|] ik"k.k ,oa vkthfodk fodYik d fy, ckxokuh ij vk;kftr fo'o lEeyu e?kVuk&foKkuh fVli.kh d }kjk Qy o{kk ij ekle e gkjg ifjoru d iHkko d vuoh{k.k ij 0;k[;ku fn;kA
- Mk- ,l-jk tu u fnukd 30 eb 2012 dk Hkou'oj e ekle ifjoru dk vudyuh;rk ij vk;kftr dk;'kkyk e Qy o{kk ij ekle ifjoru dh vudyuh;rk d fy, i.kkfy;k ,oa nf"Vdk.k ij 0;k[;ku fn;kA
- Mk- n";Ur feJ u fnukd 7&8 tykb] 2012 dk gfj;k.kk d ckxokuh foHkkx }kjk fdlku Hkou] ipdyk e vk;kftr vke dh [krh fo"k;d jk"Vh; lfeukj e vke mRiknu egky e gb mUufr l?ku ckxokuh rFkk th.kk) kj ij 0;k[;ku fn;k ,oa vke dh in'kuh e fu.kk;d dh Hkfedk fuHkk;hA

- Mk- jke dekj u fnukd 4 flrcj 2012 dk xkj[kijs iokpy e Qyk d mRiknu dh lHkkouk; ij vk;kftr jkT; Lrjh; xk"Bh e iokpy {k=k e dyk dh mi;Dr fdLe rFkk mudk lQy mRiknu ij 0;k[;ku fn;kA
- Mk- oh-d- flgu fnukd 29 flrcj 2012 dk Qtkckn d ,u-Mh-,-;-Vh- d mPp ldk; if'k{k.k dUn e fQft;kykftdy ekfyD;yj vikpt Qkj bifox vck;kfVd LVl Vkyjl ,M lLVfux Øki ikMfDVfoVh ij 0;k[;ku fn;kA
- Mk- ,l- jktu u fnukd 12 vDVcj 2012 dk gnjkckn e Hkkjr ljdkj d i;koj.k ,oou e=kky; }kjk dkÝl vkQ fn ikVht V fn do'ku vku ck;kfyftdy Mk;ofl Vh lh-vk-ih- ij vk;kftr 11 oh cBd e Qy o{kk d fofo/krk lj{k.k ij R;kgkjk] /ke ,o Hkkt d iHkko ij 0;k[;ku fn;kA
- Mk- euh"k feJ u fnukd 3&5 uocj 2012 dk y[kuÅ d vkb-vkb-,l-vkj- e euftx FkVfux fMtht t vkQ gkfVdYpjy] efMfluy ,jkefVd ,M QhYM Økll bu fjy'ku V pftx DykbeV flY;,'ku fo"k;d jk"Vh; lEeyu e bu&foVk LØhfux vkQ l;VfVo VkLtfud Xokok lykVyVl vxULV ¶;tfj;e vkDlhLikje ,Q-Li- lkbMh fn bUlhVV vkQ Xokok foYV fMtht ij 0;k[;ku fn;kA
- Mk- ,l- jktuu ik/kjkx ic/ku e Hkkxkfyd lpuk i.kkyh d bLreky ij 0;k[;kku fn;kA
- Mk- jktuu fnukd 7 uocj 2012 dk yf/k;kuk d ih-,-;-e vk;kftr 5o Hkkjrh; ckxokuh lEeyu ¼dkxl½ e Qly fofo/krk d fy, th-vkb-,l- d vui;kx ij 0;k[;ku fn;kA
- Mk- ,l- jktuu fnukd 24 uocj 2012 dk y[kuÅ d vkb-vkb-,l-vkj- e fnukd 23&24 uocj 2012 rd vk;kftr ;-ih- fdlku&foKku lxe 2012 e vke e Ml (DUS) d ijh{k.k ij 0;k[;ku fn;kA
- Mk-,l- jktuu fnukd 24 uocj 2012 dk y[kuÅ d vkb-vkb-,l-vkj-e vk;kftr ;-ih-foKku lxe&2012 d ckf) d link ic/ku ,oa ik|kfxd;kd okf.kT;hdj.k ij 0;k[;ku fn;kA
- Mk- n";Ur feJ u fnukd 28&29 uocj 2012 dk Hkou'oj d vkfM'kk df"k ,oa ik|kfxdh fo'ofo|ky; e ckxokuh Qlyk dh mRikndrk c<kuk ij vk;kftr jkT; Lrjh; dk;'kkyk e Hkkjr e fo|eku vke ,oa ve:n d ckxk dh mRikndrk c<ku ij 0;k[;ku fn;kA
- Mk- oh-d- flgu fnukd 12&14 fnlcj 2012 rd u;h fnYyh d Hkkjrh; ik/k nfgdh lklkbVh rFkk gnjkckn d vkpk; ,u-th- jxk df"k fo'ofo|ky; }kjk fQft;kykftdy ,oa ekfyD;yj vikpt Qkj Moyie V vkQ DykbeV fjthfy;V Økll ij vk;kftr jk"Vh; lfeukj e mik".k Qy Qlyk e Qyu edfuTe dh le>nkjh l lcf/kr nf"Vdk.k ij 0;k[;ku fn;kA
- Mk- ,l- jktu u fnukd 9&11 tuojh 2013 dk m".k dfVc/kh; rFkk mik".k Qyk ij vk;kftr jk"Vh; lfeukj e ckxokuh Qlyk e vkuof'kd l lk/ku ic/ku d fy, th-vkb-,l- ij 0;k[;ku fn;kA
- Mk- euh"k feJ u fnukd 18 tuojh 2013 dk cxy: d vkb-vkb-,p-vkj- e iihrk ij vk;kftr jk"Vh; ijke'kd cBd e VkLtfud iihrk fLFkfr] vUrjky rFkk vkx dh fn'kk ij 0;k[;ku fn;kA
- Mk- n";Ur feJ u fnukd 13&14 ekp 2013 dk djuky d lh-,l-,l-vkj-vkb- e jktHkk"kk d jk"Vh; lfeukj e lh-vkb-,l-,p- y[kuÅ e fdlkuki;kxh ik|kfxd;k d fodkl ij 0;k[;ku fn;kA
- Mk- n";Ur feJ u fnukd 25 ekp 2013 dk dk;cVj d rfeyukM df"k fo'ofo|ky; e l?ku ik/k jki.k rFkk dukih ic/ku ij vk;kftr jk"Vh; ijke'kd cBd e ve:n e l?ku ik/k jki.k] dukih ic/ku rFkk fdlkuk d vuHko ij 0;k[;ku fn;kA

Lukr dkÙkj f'k{kk

- Mk- euh"k feJ u tuojh l ekp 2013 rd bVhxy fo'ofo|ky; d ,d ch-Vd-¼to ik|kfxdh½ d fo|kFkh dk ^^djDVjkbt 'ku vkQ bMkdkbVhut thu Fk ih-lh-vkj- ,M ,l-Mh-,l- it ij ekxn'ku fd;kA
- Mk- vt ckti;h u tuojh l ekp 2013 rd bVhxy fo'ofo|ky; d ,d ch-Vd-¼to ik|kfxdh½ d fo|kFkh dk bu&flfydk ekbfux ,oa ekY;D;yj ,ukfyfll vkQ fMtht jfll VUV thUl bu exk ,M Xokok ij ekxn'ku fn;kA

6- iqjLdkj ,oa lEeku

iqjLdkj

- Mk- vt ckt ib] i/kku oKkfud ¼tufVDl ,o lkbVk tufVDl½ dk vkfM'kk dHkou'oj e fnukd 28&31 eb 2012 dk ckxokuh dfy; [kk| ik"k.k ,o vkthfodk fodYik ij vk;kftr of'od lEeyu e vke e vkfFkd :i l egRoi.k x.kk dk l/kkj dfy; QD'kuy thukfeDl d dN igyvk ij loJ"B ekf[kd iLrfr dk ijLdkj ikIr gvkA
- Mk- ,l- jktu dk fnukd 28&31 eb 2012 d nkjku vkfM'kk dHkou'oj e ckxokuh dfy, [kk|] ik"k.k ,o vkthfodk fodYik ij vk;kftr of'od lEeyu d 13o l=k e Qly fofo/kh dj.k dfy; Hkkxkfyd lpuk i.kkyh rFkk vkthfodk l/kkj d }kjk fu.k; leFku ij loJ"B ekf[kd iLrfr ijLdkj ikIr fd;kA
- Mk- oh-d- flg dk fnukd 28&31 eb 2012 d nkjku ckxokuh dfy; [kk| ik"k.k ,o vkthfodk fodYik ij vk;kftr of'od lEeyu e Qyk vkQ pkb inku fd;k x;kA
- Mk- uhfyek xx dk fnukd 30 eb 2012 dk pkb }kjk Qykf'ki inku fd;k x;kA
- dUnh; mik"k.k ckxokuh lLFkku] y[kuÅ dk 01 tuojh l 30 tu 2012 dh vof/k d nkjku jktHkk"kk uhfr d dk;kUo;u dfy, loJ"B ljdkjh lLFkku?kkf"kr fd;k x;kA lLFkku dk 160 dUnh; ljdkjh lLFkkuk@dk;ky;k e uxj jktHkk"kk dk;kUo;u lfefr dh Nekgh cBd d nkjku y[kuÅ fLFkr fgUnLrku ,jkukfVDl fyfeVM e fnukd 24 vxLr 2012 dk iFke ijLdkj inku fd;k x;kA
- dUnh; mik"k.k ckxokuh lLFkku dh jktHkk"kk if=kdk ^^m|ku jf'e** dk fnukd 24 vxLr 2012 dk y[kuÅ fLFkr fgUnLrku ,jkukfVDl fyfeVM dh Nekgh cBd d nkjku f}rh; ijLdkj fn;k x;kA ^^m|ku jf'e** dk fnukd 29 tuojh 2013 dk vk;kftr uxj jktHkk"kk dk;kUo;u lfefr dh cBd e Hkh lkjxfHkr y[k ,o iLrfr d fy; y[kuÅ fLFkr fgUnLrku ,jkukfVDl e Hkh f}rh; ijLdkj inku fd;k x;kA

Mk- ,p- jfo'kdj] fun'kd] lLFkku d vU; vf/kdkfj;k d lkFk ujkdkl ijLdkj ikIr djr g,

- Jherh ihfr 'kekj rduhdh vf/kdkjh u fnukd 25 fl rcj 2012 dk y[kuÅ fLFkr fgUnLrku ,jkukfVDl fyfeVM e vk;kftr y[kuÅ fgUnh ujkdkl fuc/k ifr;kfxrk e f}rh; LFkku ikIr fd;kA

Mk- pUnidk'k fo'odek e[; egkicU/kd ,p-,-,y- l fucU/k ifr;kfxrk dk ijLdkj xg.k djrh Jherh ihfr 'kek

- Mk- ch-d- ikM; ,o Mk- ih-d- 'kDyk u y[kuÅ d vkb-vkb-,l-vkj- e fnukd 3&5 uocj] 2012 d nkjku bfM;u QkbVk iFkkykftdy lkl kbVh d jk"Vh; lEeyu e jkx jru ijLdkj ikIr fd;kA
- Mk- euh"k feJ dk fnukd 3&5 uocj] 2012 d nkjku y[kuÅ d vkb-vkb-,l-vkj-e euftx FkVfux fM thtt vkQ gkfVdYpjy] efMfluy] ,jkefVd flP;,'ku

fo"k; d jk"Vh; lEeyu e bufoVk LØhfux vkQ l; VfVo VkL tfud Xokok lykVyV l vxLV¶; tfj; e vkD lh Likje ,Q- li flfM; e nh blkbfVx Xokok foYV fM tht ij f}rh; loJ"B ekf[kd iLrfr ijLdkj ikIr gvkA

- Mk- v t ckt ib ,o Jh eRFkdekj ,e- dk 6&9 uocj 2012 rd yf/k; kuk e vk; kftr 5o Hkkjrh; ckxokuh dkxl e ^vkblky'ku ,M djDVjkbt'ku vkQ thU l bUokYoM bu Qykofjx bu exk** 'kh"kd ikLVj d fy, loJ"B ikLVj ijLdkj ikIr gvkA
- Mk- ,p- jfo'kdj fun'kd dk ih-,-;- yf/k; kuk e fnukd 8 uocj 2012 dk 5o Hkkjrh; ckxokuh dkxl e Qy foKku e mud ;kxnku d fy, gkfVdYpjy lk lkbVh vkQ bfM; k }kjk o"k 2012 dk Jh fxj/kkjh yky pM<k eekfj;y xkYM eMy inku fd;k x;kA
- Mk- vkj-,e- [kku dk xkok d vkb-lh-,-vkj- dkElyD l e fnukd 27&29 tuojh 2013 rd vk; kftr ikni lj{kk ck/kkvk rFkk vol jk d fy, to ik|kfxdh; nf"Vdk.k d 10o jk"Vh; lfeukj e ikni lj{kk foKku lk lkbVh dk Qyk inku fd;k x;kA

lEeku

- Mk- n";Ur feJ u fnukd 15 viy 2012 dk xt jkr d dPN fLFkr enk d df"k foKku dUn e ^dPN e vke lfeukj** e ^ik|kfxdh }kjk vke d ckxk dh mRikndrk c<kuk** d fo"k; ij i/kku 0;k[;ku fn;kA
- Mk- n";Ur feJ u fnukd 7 l 8 tykbZ 2012 rd ipdyk d df"k Hkou e gfj;k.kk d ckxokuh foHkkx }kjk vke dh ckxokuh ij vk; kftr jk"Vh; lfeukj dh vke in'kuh e fu.kk; d dk dk; fd;k rFkk jh lUV ,Mok l t bu exk ikMD'ku&gkbMf lVh ,Mfjtfou'ku ij 0;k[;ku fn;kA
- Mk- jke dekj dk xkj[kije 4 fl rcj 2012 dk vk; kftr iokpy e Qyk d mRiknu dh lHkkouk, fo"k; d jkT; Lrjh; xk"Bh e yhph ,o dyk d fjlkl i lu d :i e ekU; rk nh x;hA
- Mk- n";Ur feJ u y[kuÅ d lh-,e-,l- e 10 fl rcj 2012 dk vk; kftr jk"Vh; Hkxky vkyfi;kM rFkk vUrjk"Vh; th;kQLV&2012 e ekMy in'ku ¼ofj"B½ dh ifr;kfxrk e fu.kk; d eMy d lnL; d :i e dk; fd;kA
- Mk- oh-d- fl g u fnukd 29 fl rcj] 2012 dk mÙkj in'k d Qtkckn fLFkr ,u-Mh-,-;-Vh- d mPp f'k{kk ldk; if'k{k.k e ^fQft ;kykftdy ekY;D;yj vikpt Qkj bifox vck;kfVd LVl Vkyjl ,M lLVfux ÝV ikMfDVfoVh** ij 0;k[;ku fn;kA
- Mk- jke dekj fnukd 01 vDVcj 2012 dk lh-vkb-,l-,p-] y[kuÅ d rduhdh dkfed d foHkkxh; inkUufr lfefr d lnL; FkA
- Mk- jke dekj dk fnukd 3 vDVcj] 2012 dk ,u-ch-,Q-th-vkj-] y[kuÅ d rduhdh ox J.kh&III d inkUufr ekeyk d fopkjFk xfBr foHkkxh; inkUufr lfefr dk lnL; ukfer fd;k x;kA
- Mk- oh-d- fl g fnukd 8 l 12 vDVcj 2012 rd mÙkj in'k d fofHkUu ftyk dh ;k tukvk d fujh{k.k ,o vuoh{k.k d fy, Hkkjr ljdkj d df"k e=kky; d ,u-,p-,e- ,o ,e-vkb- ;k tukvk d l;Dr fujh{k.k Vhe d ukfer lnL; FkA
- Mk- jke dekj u ckjkcdh d nkyrij xko e 9 vDVcj 2012 dk ,u-,p-ch- dk;Øe d vUrxr ;-ih- d ckxokuh foHkkx }kjk vk; kftr fdlku eyk&xk"Bh e dyk d fjlkl i lu d :Ik e ekU; rk nh x;hA
- Mk- jke dekj dk fnukd 22 vDVcj 2012 dk y[kuÅ d ,u-ch-,Q-th- vkj- e ox&II ,o III d rduhdh dkfed d inkUufr ekeyk ij fopkj dju d fy, xfBr Mh-ih-lh- e ukfer fd;k x;kA
- Mk- jke dekj dk cLrh e 01 uocj 2012 dk ,u-,p-ch-dk;Øe d vUrxr ;-ih- d ckxokuh foHkkx }kjk vk; kftr fdlku eyk xk"Bh e dyk d fjlkl i lu d :i e ekU; rk nh x;hA
- Mk- n";Ur feJ u fnukd 28&29 uocj 2012 rd Hkou'oj d vkMh'kk df"k ,o ik|kfxdh fo'ofo|ky; e ckxokuh Qlyk dh mRikndrk l/kkj ij vk; kftr jkT; Lrjh; dk;'kkyk e Hkkjr e vke ,o ve:n d oreku ckxk e mRikndrk c<ku ij i/kku 0;k[;ku fn;kA
- Mk- jke dekj dk lhrkij e 29 uocj 2012 dk ,u-,p-ch- dk;Øe d vUrxr ;-ih- d ckxokuh foHkkx }kjk vk; kftr fdlku xk"Bh e vke ,o ve:n d fjlkl i lu d :i e ekU; rk nh x;hA
- Mk- oh-d- fl g u fnukd 12 l 14 fnlcj 2014 rd vkpk; ,u-th- jxk df"k fo'ofo|ky; jkt Unuxj] gnjkckn e vkpk; ,u-th- jxk df"k fo'ofo|ky; rFkk Hkkjrh; ikni nfgdh lfefr] u;h fnYyh d l;Dr rRoko/kku e fQft ;kykftdy ,o ekY;D;yj vikpt

Qkj M0yleV vkQ Dykbe V fjftfy;UV ØkIl ij vk;kftr jk"Vh; lfeukj e ^vikpt Qkj vMjLVfMx n ¶ykofjx edfuTe bu lCVkfidy ÝV ØkIl** ij 0;k[;ku fn;kA

- Mk- vkj-,e- [kku u xkok d vkb- lh-,- vkj- dkElyD l e fnukd 27&29 tuojh 2013 rd vk;kftr ik/k lj{kk ck/kkvk rFkk vol jk d fy; to ik|kfxdh nf"Vdk.k d 10o jk"Vh; lfeukj e nk l=kk d lg&v/;{k d :i e dk; fd;kA
- Mk- n";Ur feJ dk fnukd 7 l 9 Qjojh 2013 d nkjku mÙkj in'k dh ik/k'kkykvk d iR;k;u ,oa oxhdj.k d fy, xfBr ,u-,p-ch- d l;Dr fujh{k.k ny e lh-vkb-,l-,p- dk ifrfuf/kukfer fd;k x;kA
- Mk- ,l- jk tu u gnjkckn d uke e 20&23 Qjojh 2013 dk ikdfrd l lk/ku ic/ku d fy, th-vkb-,l- dk i;kx ij vk;kftr dk;'kkyk d df"k to&fofo/krk l=k dh vè;{krk dhA
- Mk- jke dekj dk lLFkku e fnukd 12&14 ekp 2013 d nkjku df"k foKku dUn d fo"k; fo'k"kKk d fy, ;-ih- e mik".k ckxokuh e gky e gb ixfr ij vk;kftr if'k{k.k dk;Øe e yhph ,o dyk d fjlkl ilu d :i e ekU; rk nh x;hA
- Mk- n";Ur feJ u fnukd 13 l 14 ekp 2013 rd lh-,l-,l-vkj-vkb- djuky e jk tHkk"kk ij vk;kftr jk"Vh; lfeukj e lh-vkb-,l-,p-] y[kuÅ e fodflr fd lkuki ;kxh ik|kfxdh ij i/kku 0;k[;ku fn;kA
- Mk- xMlik u fnukd 20 ekp 2013 dk vkb-vkb-,l-vkj-] y[kuÅ e vk;kftr vkb-lh-,-vkj- mÙkjh {k=k [kydn ifr;kfxrk e jtr ind ikIr fd;kA
- Mk- n";Ur feJ u fnukd 25 ekp 2013 dk dk;cVj d rfeyukM df"k fo'ofo|ky; e ckxokuh Qlyk e l?ku ckxokuh rFkk N=k ic/ku ij vk;kftr jk"Vh; ijke'kd cBd e ve:n e l?ku ckxokuh] N=k ic/ku ,o ckxokuk d vuHko ij i/kku 0;k[;ku fn;kA
- Mk- euh"k feJ dk Hkkjr l jdkj d to ik|kfxdh foHkkx }kjk ,u-ch-vkj-vkb- e vkb- ch- ,l- lh- d fy, Mh-ch-Vh- dk ifrfuf/kukfer fd;k x;kA
- Mk- oh-d- flg jk tLFkku df"k fo'ofo|ky; d ikni nfgdh fo"k; e lh-,-,l- d vUrxr ikQ l j d p;u d fy, fo'k"kK jgA
- Mk- oh-d- flg dk 2013 l 2015 dh vof/k d fy, bfM;u tuy vkQ lykV fQft ;kyk th] u;h fnYyh dk l ikind ukfer fd;k x;kA

7- lEid ,oa lg;ksx

lLFkku dk Mh-,-lh-&,u-lh-ih-,-,p-] df"k e=kky;] Mh-ch-Vh-] Mh-,l-Vh] ,u-,e-ih-ch-] ih-ih-oh- ,.M ,Q-vkj-,-] ;-ih-lh-,l-Vh-midkj] ,u-,-vkb-ih-] vekl] fuØk] vkeku rFkk ;ui&tQ tlh fofHkUu jk"Vh; ,oa vUrjk"Vh; lxBuksa dk lkFk lid gA lLFkku dk ,feVh fo'ofo|ky;] y[kuÅ(y[kuÅ fo'ofo|ky;] y[kuÅ(ckck lkgc Hkhejko vEcndj df"k fo'ofo|ky;] y[kuÅ(bVhxy fo'ofo|ky;] y[kuÅ(lefgfXxuckVe df"k] ik|kfxdh ,oa foKku lLFkku] ¼lerY; fo'ofo|ky;½ bykgkckn(ljnkj iVy df"k ,oa ik|kfxdh fo'ofo|ky;] ejB rFkk cny[kM fo'ofo|ky;] >kalh dk lkFk ch-Vd-] ,e-,l lh- rFkk ih,p-Mh- dh fo|kfFk;ksa dh f'k{kk d }kjk vuslèkku dk vkxc<ku dk le>krk gA lLFkku dk bXu] u;h fnYyh }kjk ^^Qy ,oa lCth ije eY; of/kr mRikn ij** ,d o"kh; fMlykek rFkk ^^vkxfud Qkfex** ij lfVfQdV dk ldjku dk ekU; rk ikIr gA jk"Vh; ckxokuh fe'ku u lLFkku dh vke dk vuRikn rFkk ijku ckxksa dk th.kk)kj rFkk ve:n eehMk ckxokuh ij if'k{k.k nu dfy; ukMy dUnd :iesa ekU; rk nh gA

lLFkku esa bl vof/k dk nkjku tkjh ckgjh ,oa fon'kksa ls foÙkikf"kr ifj;kstukvksa dh lph fuEufyf[kr gA

Ø-l-	ifj;kstuk 'kh"kZd	ih-vkbZ-	vof/k
	Mh- ,- lh-] ,u- lh- ih- ,- ,p-] df"k e=kky;] Hkkjr ljdkj] u;h fnYyh		
	gkb&Vd gkfVdYpj Qkj ,fQf'k,UV ;fVykbt'ku vkQ fjlkl Fk ihlhtu Qkfex ¼ih ,Q Mh lh½	Mk- oh-d- flg	eb 2002 l ekp 2014
	vekl] ,u-ch-,-vkb-,e-] eÅ] mRrj izn'k		
	;fVykbt'ku vkQ exk ikIflx oLV Qkj vkCVfux oY; ,MM ikMDVl Fk QjeV'ku	Mk- uhfyek xx	viy 2007 l ekp 2014
	vkbZ- lh- ,- vkj- uVofdx ifj;kstuk] u;h fnYyh		
	uVod ikstDV vku VkltfuDl bu Økll ¼iihrk½	Mk- euh"k feJ	vDVcj 2005 l ekp 2014
	bVyDpvy ikiVh euteV ,.M VkLQj@dkef'k;ksbt'ku vkQ ,xhdYpj VDukykth Ldhe	Mk- ,l- jkstu	viy 2008 l tkjh
	vkmVjhp ikxkse bu uVod ekM ¼vkbZ lh ,vkj½] u;h fnYyh		
	vkmVjhp ikxkse vku euteV vkQ lfdx iLV vku gkfVdYpjy Økll&mi ifj;kstuk vke e Hkuxk mi&ifj;kstuk ¼exk gkij	Mk- vkj-ih- 'kDy ¼fnukd 31-10-2012 rd½ Jh ckykth jkstdekj ¼fnukd 01-11-2012 l½	2009& 2014
	vkmVjhp ikxkse vku Mk;Xukfll ,.M euteV vkQ yhQ LikV fMthtt vkQ QhYM ,.M gkfVdYpjy Økll & mi ifj;kstuk *dkyVkVkbde* ¼vke½	Mk- ch-d- ikM	2009 & 2014
	vkmVjhp ikxkse vku *QkbVk¶Fkkjkj ¶;tfj;e ,M jkY/lVkfu;k* fMthtt vkQ gkfVdYpjy ,.M QhYM Økll & mi ifj;kstuk ¶;tfj;e ¼ve:n½	Mk- ch-d- ikM	2009&2014
	;-ih-lh-,l-Vh-		
	tufVd VkLQke'ku vkQ Xokok ¼*lhfM;e xvkstkok* ,y-½ Qkj foYV jfllVUl	Mk- euh"k feJ	ekp 2010 l viy 2013
	VDukykth fe'ku] Hkkjr ljdkj		
	VDukykth fe'ku Qkj bVhxVM MoYieV vkQ gkfVdYpj bu ukFk&bLVu LVVl mi ifj;kstuk&vkxfud@ck;kMk;ufed dYVho'ku vkQ gkfVdYpjy Økll bu ukFk&bLV jhtu bDyfMx flfDde	Mk- vkj-,- jke] Mk- vkj- lkh- e/kh] fun'kd] flfDde	viy 2003 l tkjh

Ø-l-	ifj;kstuk 'kh"kZd	ih-vkbZ-	vof/k
	,u-,-vkbZ-ih-		
	vUMjLVfMx nh edfuLe vkQ vkQ&lhtu ¶ykofjx ,.M ÝfVx bu exk vUMj fMQjV bUokbjkUeUVy dMh'ku	Mk- ,l- jktu dlkfV;e ¼ ih vkbZ	ekp 2009 & ekp 2014
	,oY; pu vku exk ,.M Xokok Qkj MkefLVd ,.M ,DlikV ekdVl	Mk- ,l-d- 'kDy dlkfV;e¼ih vkbZ	2009&2014
	ekfcykbftx ekl ehfM;k likV Qkj 'k;fjx ,xk&bQkje'ku	fun'kZd& lh- lh- ih- vkbZ-	2009&2014
	gkfyfLVd vikp Qkj bifox ykboyhgM flD;kfjVh Fk ykboLVkd cLM Qkfex flLVe bu ckjkcdh ,M jk;cjyh fMfLVDVl vkQ ; ih	Mk- vkj- ,- jke &lh- lh- ih- vkbZ-	2009&2013
	ih ih oh ,M ,Q vkj ,] df"k e=ky;] Hkkjr ljdkj] u;h fnYyh		
	Moyfix u'kuy jhikftVjh ,.M Øh,fVx QflfyVht Qkj Ml VfLVx bu exk ¼*ethQjk bfMdk* ,y-½ Xokok ¼*lhfM;e xvktkok* ,y-½ ,M yhph ¼*yhph pkbufll* lku-½	Mk- ,l- jktu	tu 2010& 2013
	,u-,p-ch-		
	bugfUlx nh ikMfDVfofV ,M ÝV DokfyVh vkQ exk Fk ih gkoLV VDukykftdy bVjo'kLk bu exk xkbx VDVl vkQ mRrj in'k ,M mRrjk[kM	fun'kZd	2011&2014
	u'kuy bfuf'k,fVo vku DykbeV fjthfy,V ,xhdYpj ¼fuØk½		
	vMjLVfMx n ptt bu gkLV&iLV bVj,D'ku ,.M Mk;ufeDl bu exk vMj DykbeV pUt flukfj;k	Mk- vkj-ih- 'kDy ¼fnukd 31-10-2012 rd½ Mk- ih- d- 'kDy ¼fnukd 01-11-2012 l½ lg i/kku	uoEcj 2011 & 2017
	vMjLVfMx ¶ykofjx Qukykth ,M ikMfDVfofV vkQ exk bu fjlikUl V Vijpj ,M ek;kLpj LVl	Mk- ,l- jktu	ekp 2012 l ekp 2015
	midkj		
	,LVfCy'keUV vkQ e'k:e Liku ikMD'ku yckjkVjh	Mk- ih-d- 'kDyk	flrcj 2012 l flrcj 2013
	vUrjk"Vh; ifj;kstuk		
	nh lYrur vkQ vkeku		
	exk Vh blkbDykihfM;k iktDV	Mk- ,l- jktu	uoEcj 5] 2008 vDVcj 2012 ¼ifjoh{kk/khu½
	;wui&tQ&ih- Mh- ,Q-&ch-		
	dtjo'ku ,o lLVfucy ;t vkQ dYVhoVM ,.M okbYM Vkfidy ÝVl Mk;oflVh ikekfVx lLVucy ykboyhgM] QM lhD;kfjVh ,M bdkflLVe lfolt	Mk- ,l- jktu	2009&2014

8- vf[ky Hkkjrh; lefUor vuqla/kku ifj;kstuk ¼,l Vh ,Q½ @ ih ,Q Mh lh

vf[ky Hkkjrh; lefUor vuqla/kku ifj;kstuk ¼,l Vh ,Q½

vf[ky Hkkjrh; lefUor vuqla/kku ifj;kstuk ¼,l Vh ,Q½ dnh; mik".k ckxokuh lLFkku ¼lh vkb ,l ,p½ y[kuÅ e viue[;ky; d lkFk fLFkr gA bld 18 dn g tk vke] ve:n] yhph vkj vxj ij dk; dj jg gA bue l 5 dn Hkkjrh; df"k vuqla/kku ifj"kn d fofHkUu lLFkkuk] 12 jkT; df"k fo'ofo|ky;k vkj ,d xj&ljdkjh lLFkk e dk;jr gA Hkkjrh; df"k vuqla/kku ifj"kn vk/kkfjr nk dn fu;fer dn g] tcfd rhu lg;kftr dn gA jk"Vh; vxj vuqla/kku dn] i.k d fuxjkuh d rgr 4 dnk e vxj ij vuqla/kku fd;k tk jgk gA X;kjgoh ;ktuk e vxj ij ,du;k dn tokgjyky ug: df"k fo'ofo|ky;] enlkj ¼e/; in'k½ e LFkkfir x;k gA dnh; mik".k ckxokuh lLFkku] y[kuÅ e fLFkr vf[ky Hkkjrh; lefUor vuqla/kku ifj;ktuk ¼,l Vh ,Q½ d e[;ky; d ekxn'ku vkj fuxjkuh d rgr vke] ve:n vkj yhph ij vuqla/kku xfrfof/k;k dk;kfUor dh tk jgh gA dy 68 ijh{k.kk dk 6 vuHkkxk e ckVk x;k g rFkk ; vke] ve:n vkj yhph Qly l/kkj] Qly mRiknu vkj Qly lj{k.k d igyvk l tMh g] tk fofHkUu dnk ij vk;kftr fd, tk jg gA

vU; fofHkUu ijh{k.kk d lkFk mPp inkokj vkj vf/kd Qly l/kkj gr mudk mi;kx dju vkj fofHkUu {k=kk d fy, mi;Dr lo/ku@fdLe k d p;u d fy, vf[ky Hkkjrh; lefUor vuqla/kku ifj;ktuk ¼,l Vh ,Q½ d 9 fu;fer vkj 3 LofPNd dnk e vke] ve:n vkj yhph d vkuof'kd HkMkj.kk ij ,df=kr dj mudk eY;kdu vkj j[k&j[kko fd;k tk jgk gA mudh x.koÙkk vkj ek=kkRedrk ijh{k.kk d fy, tuun0; dk eY;kdu fd;k x;k gA fofHkUu fooj.kkRedrk dk mi;kx dj fofHkUu mik".k Qyk d vkuof'kd HkMkj.kk dk oxhdj.k fd;k x;k gA

Qly l/kkj vkj vkuof'kd lalk/ku

vke ¼e½ thQjk bfMdk ,y-½

dy 183 vke tuun0; ik/k ,df=kr fd, x, vkj mudk y{k.k o.kufd;k x;kA bue l 45] vkb vkb ,p vkj] cXy:] 2 ch lh d oh] ekguij] 01 vkj ,Q vkj ,l] oxjy] 12 th ch ir df"k ,o ik- fo- fo-] iruxj] 7 vkj lh ,] mn;ij] 97 ch ,lh] lckj vkj 16 ,p lh ,M vkj vkb] ifj;kdyee ,df=kr fd, x,A bud vykok] fofHkUu df"k ij ikfjfLFkfrdh; {k=kk d rgr vx.kh fdLek d rhu mRd"V Dyku] 2 ir uxj l vkj ,d ch lh d oh] ekguij l Hkh ,df=kr fd, x,A vke ifof"V;k d dy 265 tuun0; dk eY;kdu fd;k x;kA bue l 49 ,e ih d oh] jkgjh] 17 vkj lh ,] mn;ij] 113 vkj ,Q vkj ,l] oxjy] 58 ch ,lh] lckj l gA vkj lh ,mn;ij e eY;kdu d nkjku] lh-oh-,l jk tHkkx] dkfy;k vkj pkl k}kjk vfèkdre Qly dk otu] inkokj vkj Vh ,l ,l nt fd;k x;kA ch ,lh lckj e cxykjk dh [krh l vf/kdre mit ¼165-24 fdykxke ifr iM½ bld ckn yky ekgu ¼131-17 fdykxke ifr iM½ dh ikIr gb gA bld vykok ,d ik/k tuun0; 18@80 l vf/kdre Qly inkokj ¼135 fdykxke ifr iM½ g;hA blh idkj] vke dh fdLe lQn eyxkvk dk vf/kdre Qly otu ¼1813-62 xke½ Fkk] bld ckn vkb vkb ,p vkj] cxykj e uhekFk ¼1328 xke½ dk FkkA

mitkrh; ijh{k.kk d rgr] lhoh- Qtyh u vf/kdre Qly otu ¼516-89 xke ifr Qy½ nt fd;k tcfd lokRre Qly x.koÙkk lhoh- efYydk ch lh d oh] ekguij e ik;h x;hA ch ,lh lckj e vf/kdre Qly inkokj cxykjk dk ¼165-24 fdykxke ifr iM½ bld ckn ykyekgu dk ¼131-17 fdykxke ifr iM½ mRikfnr fd;kA

N¼Økl l;ktuk d leko'ku l dy 2790 ldj.k djk, x, ftUgku 200 ,Q&1 ldj.k fn, tk vkj ,Q vkj ,l] oxjy e vk'kktud y{k.k o.kuk dh tkp d fy, [kr e Nkuchu dk fo"k; jgk gA blh idkj vkb vkb ,p vkj] cXy: e vYQkl k] oujt vkj vkeikyh dk 'kkfey dj dy 10]000 Qyk dk ldj.k djk;k x;kA fiNy o"k d nkjku 127 ifj.kke ikIr g, Fk tk [kr e gLrkukrfjr dju d fy, r;kj FkA vkx eY;kdu d fy, Qy d :i] vkdkj] xnk jx vkj ikfIr d vk/kkj ij fofHkUu ,Q&1 tul [;kvk d chp pkj ldj.k uker¼ vkj$_2$ ih$_3$] vkj$_2$ ih$_4$] vkj$_3$ ih$_3$ vkj vkj$_4$ ih$_1$ l vkeQyh x vdk iuhr dk p;u fd;k x;kA vkj ,Q vkj ,l] oxjy e 11 vk'kktud ldjk d ryukRed v/;;uk e] l[;k ¼63½ o 18-96 fdykxke ifr iM dh mit nt dhA ,b ,l] ifj;k e 2065 Qyk d ldj.k }kjk lkr fofHkUu Økl l;ktuk dh

dkf'k'k dh x;h vkj vr e 296 Qyk ikIr fd;s x;A

ve:n ¼lhfM;e xtkok ,y-½

ih , ;] yf/k;kuk e eY;kfdr 13 fdLe@ldjk e l ldj 1716 e vf/kdre Qy otu ½265-0 xke ifr iM½ nt fd;k x;kA itkc fid] yfyr] th- foykl] uk'kikrh vkdkj vkj 1716 e i"Vcht gkr g tcfd fglkj l[kk fdLe e NkV gkr gA fofHkUu fdLek d fy, 100 cht otu dk eY;kdu fd;k x;k tk ir iHkkr vkj 'ork e U;ure FkkA fQj Hkh] lhoh- yky xnk dh vf/kdre mit 26-27 fdykxke ifr iM nt dh x;h vkj ,p lh ,M vkj vkb] ifj;kdye e Qyk dh lcl vf/kd l[;k ½279-10 ifr iM½ nt fd;k x;kA yfyr u c<okj vkj mit ¼42-0 fdykxke ifr iM½ d lc/k e cgrj in'ku fd;k] ;|fi vf/kdrj Qy otu ½180 xke ifr iM½ vkj foVkfeu lh ½180 fe-xk- 100 xke ifr Qy½ d ek=kk 'ork vkj vdk enyk e vkj lh ,]mn;ijent dh x;hA vkj ,Q vkj ,l] oxjy e ljnkj dh mit lcl vf/kd ½12-69 fdykxke ifr iM½ nt dh x;h bld ckn 'ork ½12-38 fdykxke ifr iM½ dk LFkku FkkA

yhph ¼yhph pkbu¼fll lku½

yhph dh dy 84 tuun0; ifrf"V;k dk j[k&j[kko fofHkUu dnk tl ,u vkj lh ,y] et¶Qjij ¼40½] ch lh d oh] ekguij ½11½ vkj th ch ih ; , ,M Vh] iruxj ½34½ d QhYM thu cdk e fd;k tk jgk gA ch , lh] lckj fLFkr tuun0; eY;kdu e lcl vf/kd mit lhoh- dlkck e ¼43-45 fdykxke ifr iM½ nt fd;k x;kA bld ckn pkbuk vkj yV cnkuk dh mit Øe'k% 39-89 vkj 36-46 fdykxke ifr iM ik;h x;hA th ch ih ; , ,M Vh] iruxj e lhoh, l jkt lVM] ih ,y ,l&1 vkj dydfr;k dk fujrj mRiknu vkj vf/kdrj mit d lc/k e vk'kk tud ik;k x;kA fQj Hkh] jkt lVM ¼ih ,y ,l&2½] dydfr;k ¼ih ,y ,l&3½ vkj cnkuk ¼ih ,y ,l&4½ dh l/kjh fdLe dk irk yxk;k x;k vkj mu ij xVh ck/kdj yhph d r;kj ik/kk dk lp;u Cykd e yxk;k x;k gA

Qly mRiknu

vke ¼e¼thQjk bfMdk ,y-½

vkj ,Q vkj ,l] oxy e VjiUVkbu eyoUr ij vke lhoh- vYQkl dh dye yxku l vf/kdre mit ¼33-02 fdykxke ifr iM½ nt dh x;hA

vke dh mPp l?kurk jkik;h d lkFk dVkb&NVkb ijh{k.k d rgr] Qy rMkb d rRdky ckn vfre ijkg d Åij l iMk dh okf"kd NVkb ¼,e1 ,Q1 Vh1½ dk Qyk dh T;knk l[;k e mRiknu ½55-66 fdykxke Qy ifr iM½ gr lcl vPNk ik;k x;k vkj th ch ih ; , ,M Vh iruxj e dy mit 9-50 fdykxke Qy ifr iM gbA vkj ,Q vkj ,l oxy e tu&tykb d nkjku rMkb d 'kh?k ckn gh f}okf"kd 10 lVhehVj vfre ijkg d 'kh"k l NVkb l vf/kdre Qy ikIr ½184-16 iM½ g,A ,b ,l ifj;k e vfrldfyr 'kk[kkvk dh dVkb&NVkb d lkFk th.kk)kj ,o iM d e/; {k=k [kkyu l rFkk iDyk©;Vk tky d ekud ek=kk d vui;kx l vf/kdre Qyk dh l[;k ½137-60 ifr iM½ ,o mRiknndrk ½37-68 fd- xk- ifr iM½ ikIr gbA

lkekU; njh ij yxk, x, Qyu oky o{kk e dVkb&NVkb ijh{k.k e] ,e3 Vh1 ih1 ¼vfrldfyr e/; {k=k 'kk[kkvk dh dVkb&NVkb vkj Qy rMkb d ckn [ky dn vkj iDyk©;Vk tky d ekud [kjkd d vui;kx½ mipkju lcl vf/kd 340-15 fdykxke ifr iM mit] Vh ,l ,l ½22-10º fcDl½] HkMkj.k {kerk ½15-90 fnu½ d lkFk lcl de vEyrk ¼0-25 ifr'kr½ vke lhoh- uhye e ,p lh ,M vkb vkb] ifj;kdye e nt dhA

vke e vkb ih ,u ,e d fy, fofHkUu lcLVM Mk;ukfeDl mipkj d eY;kdu d rgr] 50 fd-xk- ,Q okb ,e $250 xke ,tkLikbfjye dh lLrr dh x;h [kjkd d vui;kx l vkj ,Q vkj ,l] oxy e Qyk dh vf/kdre l[;k ½83-83 ifr iM½ ikIr dh x;hA blh idkj] d- m- ck- l- y[kuÅ e vke lhoh- n'kgjh e oehdEikLV ½50 fdykxke ifr iM½ $,tkLikbfjye dYpj $ ih ,l ch ½250 xke ifr iM½ d vui;kx l vf/kdre mit ½91-34 fdykxke ifr iM½ ikIr gvkA vkj ,Q vkj ,l] oxy e 50 fd-xk- ,Q okb ,e $,tVkcDVj $ ih ,l ch 250 xke ifr iM d vui;kx }kjk Qyk dh vf/kdre l[;k ½58-66 ifr iM½ vkj dy mit ½18-28 fdykxke ifr iM½ nt dh x;hA doy ,Q okb ,e mipkj e lhoh- vYQkl ke lcl vf/kd mit ½58-19 fdykxke ifr iM½ nt dh x;h] ;|fi ,b ,l] ifj;k e enk mojrk e lcl vf/kd QkLQkjl dh ek=kk ½42-37 fdykxke ifr g-½ oehdEikV ½50 fdykxke ifr iM½ $,tkfLify;e dYpj ½250 xke ifr iM½ $ ih ,l ch ½250 xke ifr iM½ $ oehok'k e ik;k x;kA

vke e Qy vku vkj Qy yxu d fofu;eu ij fofHkUu jlk;uk d iHkko dk le>u gr] vkj ,Q vkj ,l] oxy e

vke lhoh- vYQkl k e rMkb l io KH_2PO_4 ¼1-0 ifr'kr½ $ Fkk;k;fj;k ¼1-0 ifr'kr½ d vui;kx l vf/kdre Qy yx ¼15-25 ifr'kr½ vkj dy mit 33-47 fdyksxke ifr iM nt fd;k x;kA blh idkj] ,p lh ,M vkj vkb] ifj;kdye vkj ,b ,l] ifj;k e lhoh- vYQkl k e Vh$_4$ vFkkr KH_2PO_4 ¼1-0 ifr'kr½ $ KNO_3 ¼1 ifr'kr½ mipkj l lkFkd :i l vR;fèkd Qy mit ¼36-94 fdyksxke iM½ vkj HkMkj.k {kerk ¼10-25 fnu½ nt fd;k x;kA

vkj ,Q vkj ,y] oxy e rMkb l 30 fnu igy $CaCl_2 6H_4O$ ¼6 ifr'kr½ dk rMkb io fNMdko d ifj.kkeLo:i Qy otu ¼24-12 ifr'kr½ e U;ure nfgd {kfr gb vkj vfèkdre HkMkj.k {kerk ¼21 fnu½ FkhA vkj ,Q vkj ,l] oxy ij rMkb l igy ckfjd ,flM $ lkfcVky dk 50 ifr'kr Qy yxu d nkjku fNMdko l vf/kdre Qy ¼32 ifr'kr½ yxk vkj dfYl;e ukbVV $ lkjfcVky l vf/kdre Qyk dh l[;k ¼214½ nt dh x;hA fQj Hkh] ,p lh ,M vkj vkb] ifj;kdye e efYpx $ K_2SO_4 ¼1 ifr'kr½ l lkFkd vf/kdre Qy mit ¼45-49 fdyksxke iM½] Qy otu ¼327-55 xke ifr iM½ vkj ykHk&ykxr vuikr ¼3-25½ lcl vf/kd ckt kj ;kX; Qy ¼76-15 ifr'kr½ nt fd;k x;kA

vkj ,Q vkj ,l] oxy vkj ,b ,l] ifj;k e Qy vku vkj Qyk d yxu d 0;ogkj ij v/;;uk l ;g irk yxk fd ekl e ijkehVjk d lc/k e vke dh [krh e c<+h gb o"kk vofèk vkj 'khrdky e njh d ifj.kkeLo:i 0;kolkf;d :i l mxk;h tku okyh vke dh vf/kdk'k fdLek e njh l Qy vk,A ,e ih d oh] jkgjh e lhoh- fl/k vke e lkFkd :i l lcl vf/kd Qy #d ½2-38 ifr'kr½A

ve:n ¼lhfM;e xtkok ,y-½

ve:n d vkb ih ,u ,e d fy, fofHkUu lcLVV Mk;ukfeDl d eY;kdu d rgr ve:n e vkb ih ,u ,e d fy, lcLVV Mk;ukfeDl e] d m- ck- l-] y[kuÅ e lhoh- bykgkckn lQnk e oeh dEikLV ¼30 fdyksxke ifr iM½ $,tkLikbfjye dYpj $ ih ,l ch ½250 xke ifr iM½ d vui;kx }kjk vf/kdre mit ¼80-26 fdyksxke ifr iM½ ikIr gvkA ,Q vkj ,l] jhok e ifrfnu pkj fMij ifr iM d lkFk flpkb dh x;h rk vf/kdre mit 159-0 fdyksxke ifr iM nt fd;k x;k gA

yhph ¼yhph pkbuufl l lku-½

th ch ih ;] ,M Vh] iruxj e Qy mit] x.koRrk vkj HkMkj.k {kerk ¼8-33 fnu½ d ;Xef} ifDr ¼Mcy gt jk½ i.kkyh dk cgrj ik;k x;kA

th ch ih ;] ,M Vh] iruxj e fu;fer vf/kd mit ikIr dju d fy, yhph Qyk dh rMkb 50 l-eh- d 'kk[kkvk d lkFk vkju;i.kfoU;kl ¶y'k dk gVku ¼uoEcj&fnlEcj d nkjku utj vku oky½ dk vk'kk tud ik;k x;k gA blh idkj] mÙkjk[kM {k=kk d rgr yhph dh rMkb d ik"kf.kd lo n'kkr gfd dk'khij e vf/kd Qy mit ikIr dh x;hA bld ckn jkeuxj {k=k dk LFkku FkkA Qyr oky m|kuk e iRrh e ik"kd rRok dh ek=kk dh jUt 1-46&1-79 ifr'kr ukbVk tu(0-26&0-41 ifr'kr QkLQkjl] 1-15&1-45 ifr'kr ikVk'k(0-68&0-85 ifr'kr dfYl;e vkj 0-28&0-39 ifr'kr eXuht ik;h x;hA

th ch ih ;] ,M Vh] iruxj e vf/kd Qy vkj vPNh x.koÙkk oky Qyk d lkFk 4&8 fnu rd njh l rMkb dju e 'kMuV d }kjk l;d idk'k dk fu;f=kr dju dk lcl vfèkd iHkko'kkyh mipkj ik;k x;kA th ch ih ;] ,M Vh] iruxj e yhph Qyk/kkuk e flrcj l fnlcj d chp ekfld vrjky ij KNO_3 dk 10 xke ifr fyVj dh nj l fNMdko }kjk vf/kd mRikndrk vkj x.koÙkk nt dh x;hA

Qly lj{k.k

vke ¼eUthQjk bfMdk ,y-½

gkij dh tul[;k xfrdh dk 2012&13 d nkjku ij[kk x;k vkj rkieku] ueh vkj o"kk d lkFk ifr i"ixPN gkIkj tul[;k ij vkdM ,d=k fd;k x;A gkij dh lcl vf/kd xfrfof/k ekp d igy i[kokM e ik;h x;h tcfd lhoh- fge lkxj e tud ekg e Qy eD[kh dh mifLFkfr lcl vfèkd vkdh x;hA ch lh d oh] ekguij e Qy eD[kh dh vfèkdre tul[;k 25 l 28 o ekud llrkg e nt dh x;h vkj Qy eD[kh tul[;k dh fuxjkuh gr feFkkby;ftuky ¼10 ifr Vi g-½ dk bUg idMu e iHkko'kkyh ik;k x;kA

fofHkUu df"k ikfjfLFkdh {k=kk e ie[k jkx [kjk d fo#) vke d dy 327 tuun0;k dh tkp dh x;hA ikdfrd fLFkfr;k d rgr] ,e ih d oh] jkgjh e 42 ifof"V;k e l fdlh dk Hkh [kjk QQn eDr ugh ik;k x;kA vkj ,Q vkj ,l] oxy e [kjk QQn d fo#) 76 fdLek vkj 82 vke ldjk dh tkp dh x;hA ch ,lh] lckje 43 tuun0; ifof"V;k e l 06 loèkuk] uker% djifj;k] nf/k;k ekynk] ekynk¼/kkyhdkVh½] fxykl] :ekuh vkj nknkfe;k] e dkb Hkh [kjk xLr ugh ik;k x;kA

th-ch-ih-;-,-,.MVh-] iUruxje vke dh fofHkUu fdLek tl yxMk] n'kgjh] pkl k vkjc Ecb e gkij dh xfrfof/k Qojh l viy de/; vf/kd ik;h x;h tk ckj vku ,o Qy yxu d le; l ey [kkrk gA gkij dh vf/kdre tul[;k e/; viy e ½20&22 gkij ifr i"i xPN½ nt dh x;hA vkj ,Q vkj ,l] oxy e] lcl vf/kd gkij ½16-30 gkij ifr i"i xPN½ vkj Qy eD[kh tul[;k ¼402-50 efD[k;k ifr Vi ifr llrkg½ Qojh d igy i[kokM vkj 25o ekud ekle foKku llrkg e Øe'k% nt dh x;h] tcfd vkj ,Q vkj ,l] oxy e tykb&flrEcj d flok; lkyk Hkj vke gkij dh tul[;k nt dh x;hA vke d ie[kuk'kh dhVd xfrdh tul[;k ij v/;;u d nkjku vke gkij vkj Qy eD[kh dh igpku ie[k uk'kh dhVd pfyr vuikr tul[;k d :i e dh x;h gA vf/kdre gkij tul[;k ekud ekle foKku llrkg 11]12]16 vkj 17 ½20-3] 19-6] 17-8 vkj 20-1 Øe'k% e n[kk x;kA vfèkdre Qy eD[kh tul[;k 13 vkj 39o ekud ekle foKku llrkg d nkjku ch ,lh] lckj e nt fd;k x;kA gkij dh pje tul[;k ½25-50 gkij ifr i"i xPN½ 8o ekud llrkg d nkjkunt fd;kx;kft lul;; d idk'k d lkFk ldkjkRed vkj lkFkd dkfjy'ku fn[kk;k tcfd lcl vf/kd Qy eD[kh tul[;k ½510-60 uj ifr Vi½ 23o ekud llrkg e ,b ,l] ifj;ke ik;kx;kA ch lh d oh] ekguij e vke lhoh-fge lkxj e ekp d igy i[kokM vkj 25o l 28o ekud LkIrkg d nkjku gkij vkj Qy eD[kh dh pje tul[;k n[kh x;hA

th ch ih ;-,-,MVh] iruxj] vkj ,Q vkj ,l] oxy] ,b ,l] ifj;k] ch lh d oh] ekguij e lykfLVd ckryk e ,ydkgy % feFkkby ;ftuky % MhMhohih 6¼4¼1 d vuikr d ?kkyk e fHkxk, x;s ydMh d Cykdk yVdk;g, ½10 Vi ifr g-½ e lcl vf/kd Qy efD[k;k ¼638 ifr Vi ifr llrkg½ ikIr gbA

th ch ih ;-,-,MVh] iruxj e vke d vkb ih ,e d rgr lcl vf/kd mit ekM;y&III ¼330 fdyksxke ifr iM½ bld ckn ekM;y&II ¼321 fdyksxke ifr iM½ vkj ekM;y&IV ¼318-75 fdyksxke ifr iM½ ikIr fd;k x;kA vkj ,Q vkj ,l] oxy e lcl vf/kd mit d fy, vke gkij dk fu;f=kr dju e ekM;y&III Fkk;k eFkkD lke 0-3 xke ifr fy-dk igyk fNMdko i"ixPN d fudyr le; mld ckn nljk fNMdko ½21 fnu d ckn½ ikQukQl ¼1-5 fe-fy- ifr fy-½ dk mRd"V FkkA ,b ,l] ifj;k e vf/kdre mit ¼69-65 fdyksxke ifr iM½ d lkFk gkij ¼3-50 gkij ifr Vi½ vkj fFkll ¼3-11 fFkll Vguh@ckpt½ dk fu;f=kr dju e vkb ih ,e ekM;y&V dk lcl vf/kd iHkko'kkyh ik;k x;k FkkA fQj Hkh] ch lh d oh] ekguij vkj ,e ih d oh] jkgjh e ekM;y&IV vk/kkfjr fLiuklM ½0-004 ifr'kr½ gkij dk iHkko'kkyh <x l fu;f=kr djrk g vkj ft le lcl vf/kd mit ½130 fdyk- ifr o{k½ ik;k x;kA

fofHkUu df"k ikfjfLFkfrdh {k=kk e vke d ijkx.kdrkvk d lo vkj fuxjkuh n'kkr g fd th ch ih ;-,-,MVh] iruxj e ekp d vfre llrkg d nkjku iM d e/; e ½2&4 ehVj Åpkb½ ijkx.kdrkvk d vf/kdre tul[;k ik;h x;hA vkj ,Q vkj ,l] oxy e rhu ie[k ijkx.kdrk vFkkr(,fil bfMdk] fVxkuk bfMiful vkj fMIVjku eD[kh rhlj ekle foKku llrkg d nkjku ik;; x;; gA ,b ,l] ifj;k e pkj ijkx.kdrk dhVvFkkr] ,fil MkjlVk] ,-efYyQjk] gjh eD[kh vkj okLi dk Qy yxu d nkjku n[kk@ik;k x;k vkj nf{k.k fn'kk ½2-90 ifr i"i xPN½ e budh lcl vf/kd 1-30 l 2-52 rd l?kurk vkdh x;hgA ,e ih d oh] jkgjh e lkro ekle foKku llrkg d nkjku rhu ie[k ijkx.kdrk] ftle l efyikuk Li-6o ekle foKku llrkg d nkjku ¼7-50 i"i ifr xPN ifr ?kVk½ icy gkrk g vkj bld ckn ,fil MkjlVk ½5-60 i"i ifr xPN ifr ?kVk½ vkj ,fil bfMdk ¼6-10 i"i ifr xPN ifr ?kVk½ ik;k x;kA

vke dh tuun0; d dy 317 ifof"V;k] ftle g'kkfey ekud fdLe@ldj@ik/k@Dyku] dk xEek fodfr gr eY;kdu vkj ,Q vkj ,l] oxy ½158½ (,b ,l] ifj;k ¼40½ (,e ih d oh] jkgjh ¼76½ vkj ch ,lh] lckj ¼43½ e fd;k x;kA o"k d nkjku bl chekjh l fdlh Hkh ifof"V dk eDr ugh ik;k x;kA vkj ,Q vkj ,l] oxy e ekp d vfre llrkg d nkjku rhlj c<okj ij [kjk jkx QQn dh mifLFkfr vkdh x;hA ;gch lh d oh] ekguij e 15-20 ifr'kr] ,Q vkj ,l] lxkjMMh e tuojh d pkFk llrkg e] vkj ,Q vkj ,l] oxy e rhlj c<okj ij ½55-20 ifr'kr½ tuojh d nlj llrkg e vkdk x;kA fQj Hkh] ,b ,l ifj;k e] vke lhoh-vyQkl ½2-89 ifr'kr½ e [kjk jkx QQn dk pkFk ekud llrkg d nkjku n[kk x;k vkj vf/kdre jkx dh l?kurk ¼64-67 ifr'kr½ rd igpkA ,e ih d oh] jkgjh e [kjk jkx QQn dk 11oh ekle foKku llrkg d nkjku n[kk x;k vkj ØkfUrd rkieku dk jt 29-5 l 36-10° lfYl;s l vkj vkIr vkj-,p-89&90 ifr'kr jkx d Qyu d vudy FkkA fofHkUu jkxk d chp [kjk jkx QQn dh vf/kdre ipMrk ½15-0 ifr'kr] ifÙk;k ij ,Fkduk t d fu'kku ½11-0 ifr'kr½ bld ckn vkj vxekjh ½2-0 ifr'kr½ vkj lVh ekYM ½2-0 ifr'kr½ dh mifLFkfr Hkh nt dh x;hA

vkj ,Q vkj ,l] oxyi ij vU; mipkjk d vfrfjDr ,Fkdukt vkj ckj vxekjh dk Qyu l jkdu d fy, rMkb l io VkblDykeV ¼0-15½ vkj dkcUMkfte ¼0-1 ifr'kr½ d fNMdko dk lcl vf/kd iHkko'kkyh ik;k x;k vkj lkQ ¼dkcUMkfte 12 ifr'kr $ eudk tc 63 ifr'kr½ 2-0 ifr'kr dh nj l ,b ,l ifj;k vkj ,e ih d oh] jkgjh e lcl vfèkd iHkko'kkyh FkkA fQj Hkh] dkcUMkfte dk 0-1 ifr'kr i.kh; fNMdko cgr gh iHkko'kkyh ik;k x;k D;kfd blu ch ,l h] lckj e fcuk mipkj dh 38-3 ifr'kr rhork d fo#) 9-8 ifr'kr rd jkx dh rhork dk de dj fn;kA

vkj ,Q vkj ,l] oxyi e HkMkj.k d nkjku ,Fkdukt dk Qyu l jkdu gr vke d ,Fkdukt d rMkb mijkUr ykxr iHkkoh ic/ku d rMkb io ,o mijkUr mipkjk e xe ikuh l rMkb mijkUr mipkj lcl vf/kd iHkko'kkyh ik;k x;kA ,b ,l ifj;k ,o ,e ih d oh jkgjh e ,Fkdukt dh rhork dk i.k :i l jkdu e dkcUMkfte d rMkb io nk fNMdko ,o dkcUMkfte dh vk/kh [kjkd d lkFk xe ikuh e Mckdj rMkb mijkUr mipkj vkj Fkk;kfQuV feFkkby dk rMkb io nk fNMdko b ld ckn Fkk;kfQuV feFkkby dh vkèkh [kjkd d lkFk xe ikuh e rMkb mijkUr mipkj mi;kxh ik;k x;kA

ve:n ¼flfM;e xtkok ,y-½

ve:n Qy eD[kh ¼cDVkljk Li-½ dh pje xfrfof/k 34o ekle foKku llrkg d nkjku n[kh x;k tc vf/kdre vkj U;ure rkieku 32-1° lfYl;l vkj 21-10° lfYl;l vkj lkFk gh vknrk lcg vkj 'kke d nkjku 90 vkj 53 ifr'kr Øe'k ,e ih d oh] jkgjh e FkhA ch ,l h] lckj e Qy eD[kh dh vfèkdre tul[;k ¼192-8 ifr Vi ifr llrkg½ lkFk gh rktk Qy mit ¼105-0 fdykxke ifr iM½ nt dh x;hA

ch ,l h] lckj vkj ,e ih d oh] jkgjh e Øe'k lykfLVd ckryk e ,ydkgy] feFkkby ;ftuky vkj Mh Mh oh ih dk ?kkyk ¼6¼4¼1 d vuikr e½ e Hkhxg, ydMh Cykdk dk yVdku l lcl vf/kd Qy efD[k;k vFkkr Øe'k 40-6 vkj 60-0 efD[k;k ifr Vi dk ifr llrkg e Vi dju e lcl vf/kd iHkko'kkyh FkkA

ch l h d oh] ekguij e ve:n d mdBk jkx dh rhork dk de dju e Vkbdkdkek d lkFk ,Q okb ,e d enk vui;kx dk lcl vf/kd iHkko'kkyh ik;k x;kA if'pe cxky d vyx&vyx ve:n {k=kke ,Fkdukt] Qy lMu] mdBk] Mkbcd vkj ve:n Ldc@ddj dk ie[k jkxk d :i e n[kk x;kA

yhph ¼yhph pkb tufl l lku-½

uk'kh dhV leg vkj mud ikdfr 'k=kvk dh fuxjkuh n'kkrk g fd iÙkk ekMd ¼VkfVD l ,filkbfjVk efjd½ dk mRihMu tykb e vi{kkdr de Fkk ¼18-0 ifr'kr½ vkj /khj&èkhj c<dj vf/kdre Lrj ¼42-0 ifr'kr½ rd vDrcj e gk x;kA Qy Nnd ¼dkukfiekjQk Øfejyk½ dk mRihMu 61 fnu d ckn n[kk x;k tk ch l h d oh] ekguij e Qy yxu d 67 fnuk d ckn vf/kdre 32 ifr'kr FkkA th ch ih ;,,M Vh] iruxj e iÙkk ekMd dk mRihMu rkieku e of) d lkFk c<k vkj lcl vf/kd mRihMu ¼48-33 ifr'kr½ tykb ekg d nkjku nt fd;k x;kA

yhph uk'kh dhV leg d ic/ku e ,MkIYQku ¼0-07 ifr'kr½ d nk fNMdko dk iHkko'kkyh ik;k x;k] ch l h d oh] ekguij e U;ure mRihMu ¼11-10 ifr'kr½ vf/kdre mit ,o ¼70-50 fdykxke ifr iM½ d lkFk lcl vf/kd iHkko'kkyh ik;k x;kA yhph Nky Nnd d leUof;r uk'kh dhV ic/ku ¼IPM½ e ekM;y&4 ¼,UMkIYQku ¼0-07½½ lokRre iHkkoh ik;k x;k ft le U;ure Qy mRihMu ¼13-67%½ rFkk vf/kdre mRiknu ¼75-67 fd-xk- ifr iM½ ik;k x;kA blh idkj] th ch ih ;,,M Vh] iruxj e fMdkQky ¼0-05 ifr'kr½ d fNMdko ,o tu d nkjku xflr ifÙk;k vkj ijkg dh NVkb dk tyku lu;hc<okj d mHkjud le; ekbV mRihMu e ¼65-0 ifr'kr½ dh deh gb vkj bld QyLo:i vPNh mit ¼34-33 fdykxke ifr iM½ ikIr gbA th ch ih ;,,M Vh] iruxj e e/;e Åpkb d iM ij ekp d vfre llrkg e fljfQM d vrxr ijkx.kdrkvk dh vf/kdre tul[;k ¼52-8 l 94-80 eD[kh ifr 50 i"ixPN½] ,fil Li ¼44-20 l 66-40 e/keD[kh ifr 50 i"ixPN½ vkj xj ,fil Li ¼15-20 l 27-40 e/keD[kh i"i 50 ifr xPN½ nt fd;k x;kA

lfu;kftr df"k fodkl dsUnz ¼ih ,Q Mh lh½

lLFkku e 2001&2002 d nkjku ckxokuh e lykfLVd d vui;kx ij jk"Vh; lfefr d lLdfr l ih ,Q Mh lh dh LFkkiuk dh x;h FkhA dsUn dh ie[k ifrfof/k;k g ¼gkb Vd ckxokuh dk ifj"dj.k vkj ik|kfxdh fodkl dk lfEefyr djuk] ik|kfxdh ilkj ,oa o/khdj.k] l{e flpkb] lykfLVd efYpx] xhu gkml ik|kfxdh] oKkfud lkfgR; dk idk'ku vkj dk;'kkykvk d vk;ktu d vykok jkT; dkfedk vkj fdlkuk d fy, if'k{k.k vk;kftr djukA

VekVj dk xhu gkml mRiknu

fdLe uohu lo/ku d fu"iknu dk ikyh gkml ifjfLFkfr d lkFk&lkFk [ky ifjfLFkfr;k d rgr eY;kdu fd;k x;kA i.k : i l ifjiDo Qyk dk jx ifjoru d Lrj e gh rkMk x;kA VekVj d ik/k dh of) vkj fodkl BM 'khrdky eghu fnlEcj l Qjojh d nkjku lhfer gk x;k FkkA ikyh gkml ifjfLFkfr d lkFk gh lkFk [kyh ifjfLFkfr e 25 fnu igy gh rMkb 'k: gk x;h FkhA [kyh ifjfLFkfr e 42-26 efVd Vu ifr gDV;j dh ryuk e ikyh gkml ifjfLFkfr d rgr 103-41 efVd Vu ifr gDV;j dk mRiknu gvkA

VekVj lhoh- uohu dk ikyh gkÅl mRiknu

xhu gkml ifjfLFkfr;k d rgr VekVjk e ykbdkihu dh ek=kk

xhu gkml d vUrxr VekVj lhoh- uohu vkj pjh dh [krh dh x;h ft ld QyLo: iQy mit vkj x.koÙkk e of) gb]fo'k"k : i l ykbdkihu dh ek=kk eA xhu gkml ifjfLFkfr;k d rgr bl fdLe dh [krh ykbdkihu dh ek=kk T;knk Fkh 0-097&0-119 fe-xk- ,Q MCy tk fd i.k ifjiDo ¼yky½ Qy e [kyh ifjfLFkfr;k e 0-07&0-97 fe-xk--@xk- ,Q MCY;d jt e FkkA nljh vkj pjh VekVj e xhu gkml d rgr uohu dh ryuk e ykbdkihu dh ek=kk T;knk Fkh ¼0-144&0-176 fe-xk-@xk- ,Q MCY;½A bl idkj ;g Li"V g fd VekVj e vfèkdre ykbdkihu ck;kLFkfl l dfy, b"Vre rkieku vkj idk'k dh t:jrg tk xhu gkml ifjfLFkfr;k d rgr ijk gk l drk gA

ikFkhukdkfid [khjk dk ikyh gkml mRiknu

ijkx.k dh leL;k nj dju vkj vf/kd mRikndrk ikIr dju d fy,] ikFkhukdkfid [khjk fdLe blkfVl vkj fd;ku dk ikyh gkml fLFkfr;k d rgr dkf'k'k dh x;hA igyh xkB l gh Qy yxuk 'k: gk x;k vkj Qy ,d : i d vkdkj vkj x.koÙkk e ikIr gvkA mRikndrk 296 efVd Vu ifr gDV;j ikIr dh x;hA

ikyh gkml fLFkfr;k d rgr ikFkukdkfid [khjk dk fu"iknu

vke Qyk|ku e vr%Qly h;

nl lky ijkun'kgjh Qyk|kue ckdkyh ¼lhoh- xkfl ;k½ mRiknu vr%Qly d : i e fd;k x;kA 2-35 efVd Vu ifr gDV;j vke d lkFk ckdyh dk 12-0 efVd Vu ifr gDV;j mit nt dh x;hA bl idkj vke Qyk|ku e ckdyh ,d ykHkdkjh vr%Qly gk l drh gA

vke e ckdyh dk vr%Qly h;

9- i:dk'ku

vu:l/kku 'kks/k i=k

- vkpk;] ,-l-] Vh- vnd vkj vkj- ch- JhokLro ¼2012½A fjtok; l&fld vkj lkl:l vkQ xhugkÅl xl:t- t- Lok;y ,M okVj d:to'ku(11½2½ % 154&160
- vnd] Vh-] th- dekj] ch- ut:jh vkj ,u- oh- d- pØorh ¼2012½A ekbØkeVkyk:thdy Mk;ukfeD:l fonbu eLVM ¼ckfL:ldk tfl:vk½ Øki dukih vMj leh&,fjM dMh'kU:l vkQ uknu bfM;kA t- ,xkeVkyk:th-(14½1½ % 45&49
- vnd] Vh-] th- dekj vkj ,u- oh- d- pØorh ¼2012½A ,l:leV vkQ jMh,'ku bVj:l'ku bu ,ekMhQkbM ekbØk,uok;jue:V ,M bV:l fjy:'kuf'ki fon ck;kfQ:thdy ijkehVlA bfM;u t- Lok;y d:to'kuA 40½1½ % 240&246
- vnd] Vh-] vkj ,u] oh- d- pØorh ¼2012½A lh:tuy p:t:t bu jMh,'ku iuhV'ku fonbu eLVM Øki dukihA t- Lok;y ,M okVj d:to'ku(11½1½ % 73&79
- ck:ti;h] v:t] ,-d- flg vkj ,p- jfo'kdj ¼2012½A jhikMfDVofQuky:th] ¶ykoj ck;ky:th ,M ikyhu'ku bu t:keu ¼lkbft;e dfeuh ,y-½A bMf;u t- gkVhdYpj(69½3½ % 416&419
- HkVVkpk:th] ,- d- ¼2013½A if:lLV:l fcgfo;j vkQ behMkDykfiM ,M dkck:lYQku bu exk ¼e:thQjk bfMdk ,y-½A ,uok;jueV dVe-VkfD:ldky-] 90½2½ % 233&237
- HkVVkpk:th] ,-d-] vkj-pkjfl;k vkj Mh-d-VMu ¼2013½ DokfyVh boY;,'ku vkQ vkoyk ikmMj vkcVM ckb fMQjV Mkbx Vduhd A ik-gkVhdYpj(44½1½ % 110&113
- HkVVkpk:th ,-d-] Mh-d-VMu] ,-l-dekj vkj ,-nhf{kr ¼2012½A DokfyVh vkQ vkoyk t:l ,t vQDVM ckb LVkjt VEipjA co-QM oYM(39¼4½ % 54&56
- Hkxo'kh] ,-l-vkj-] Vh- vnd] d- dekj] oh- d- flg] ,-flg vkj oh- d- flg ¼2012½A bEiDV vkQ QVhx'ku jthEl vku bYM ,M okVj ;t ,Qhfl;:lh vkQ exk ¼e:thQjk bfMdk ,y-½ vMj lcVkfidy dMh'kuA bfM;u t- Lok;y d:to'ku(40¼3½ % 252&256
- Hkxo'kh] ,-l-vkj-] Vh- vnd] d- dekj] oh- d- flg] ,-flg vkj oh- d- flg ¼2012½A Lok;y ekbLpj] vkxfud dkcu ,M ekbØkU;fV,V Mk;ukfeD:l ,M n;j bVj& fjy:'kuf'ki bu fMi bjhxVM exk vkpMA t- Lok;y ,M okVj d:to'ku(11¼4½ % 316&322
- neknju] Vh-] vkj- ch- jk;] vkj- dkUuu] ch- d- ikM;] ch- d- feJk] Mh- d- 'kek] ,-l-d- >k vkj oh 'kkg ¼2012½A jkb:tkfLQ;j ,M ,UMkQkbfVd cDVfj;k Qkj bMD'ku vkQ lkYV Vkyj:l bu XyfM;ky:l xku bu lkfMd Lok;yA ,lykbM Lok;y bdky:th(12 % 58&62
- nhf{kr] vkj- vkj ih- d- 'kDyk ¼2012½A bQDV vkQ lliyheV U;V'ku vku bYM vkQ vkbLVj e'k:e] fgl:hft;l vYefj;l ¼cy % ,Q vkj½ jM gMA bfM;u QkbVkiFkky:th] 65 ¼3½ % 286&288
- ?kk"k] ,-l-] ,p- lh- oek] Mh- d- ikMk] ih- unk vkj ,-dekj ¼2012½A bjhx'ku] ,xhdYpj ,M ikoVh fyd:t bu vkfM'kkA ,xhdYpj bdkukfeD:l jh:lp:jh0;(25½1½ % 119&105
- dyk'k dekj] r:.k vnd] vry fl?kk] ,-l-d- 'kDyk vkj foukn dekj flg ¼2012½A ,ikb:ty vkQ Lok;y QVhfyVh] yhQ U;VV d:lUV'ku] ,M bYM vkQ exk ¼e:thQjk bfMdk ,y-½A dj:V ,Mok:l bu ,xhdYpj lkb:l(4½1½ % 13&19
- dkEy] ,e-] ,-l-dyhe] ,-ck:ti;h] je'k pn vkj vkj-dekj ¼2012½A bu foVk lyD'ku Qkj foYV jft:LVU:l bu xvkok ¼lhfM;e xtkok ,y-½ lhoh- bykgkckn lQnkA ck;kVDuky:th(11½3½ % 163&171
- [kku] nkfu'k ,u-] ihfr ;kno] ek- v'kQkd vkj uhfyek xx ¼2012½A LVMh vkQ vkLekVkyjV ;hLV vkb lkyVM Ýke LikbYM vkoyk lxeV bu lhjiA t- vkQ bdk&ÝMyh ,xhdYpj(7½2½ % 191&194
- [kku] ek- ljhe] uhfyek xx] noUn dekj vkj ihfr ;kno ¼2013½A ;Vhykb t'ku vkQ cukuk ,xk&gkVh oLV Qkj ikMD'ku vkQ dkckDlhfeFkkby lY;yk:tA t- vkQ bdk&ÝMyh ,xhdYpj(8½1½ % 108&111

- dky] lh-] vk- ckM ,-] ih- dky] oh- d- jko] ,- ckt i ;h] vkj- bykupft ;u vkj ,- th- ,ckV ½2012½A nh QLV tufVd ei ,M ikft'ku vkQ etj ÝV VV yk lkb vkQ fcVj eyu ¼ekekfMdk pkuf'kvk½A t- vkQ lykV lkbl ,M ekydyj chfMx(1¼1½ % 1&6
- dekj] noUn] dk'ky'k d- ;kno] eUukk flg vkj uhfyek xx ½2012½A ck;kdfedy ;Vhykbt'ku vkQ ,xk & bMLVh;y fyxuk lYyyk t fjp oLV Qkj lY;yt ikMD'kuA jh lp t- vkQ ,xh- lkbl 44¼2½ % 184&191
- dekj] noUn] ,e- eFkdekj vkj uhfyek xx ½2012½A dk;ufVDl vkQ Qxy ,DLVk lYyyj α&,ekbyt Ýke ¶;tfj;e lkyuh bEekchykbTM bu dfYl;e ,fY tuV chMlA t- vkQ ,uok;jeV ck;kyk- 33¼6½] 1021&1025
- dekj ,l- ,e- eFkdekj] vkj- dekj vkj ,- ckt i ;h ½2012½A gkb DokfyVh thukfed Mh ,u, Ýke yhph ¼yhph pkbuufl l lku-½A lykV vkdkb0 l- 12½2½ % 1109&1113
- jktu] ,l- ,y- ih ;kno vkj vkj- dekj ½2012½A ofj;'ku ,ex Xokok ¼lhfM;e xtkok ,y-½ ,Dl'kUl bu lhM gkMul ,lkfl,VM fon ÝV djDVjfLVDlA bVju'kuy t- bukofVo gkVhdYpj(1¼1½ % 18&23
- jtyk 'kkfr Vh-] ekfudk flg] fu'kk lkg] lj[kk- ckykth jktdekj ,e-] xkiky lnj jkt ,l-] dY;k.k M vkj ,l- jkekpUnu ½2013½A ikfVfliVh :jy ,ikbty % ,gkfyfLVd ,ikp Qkj xfVx bulkbV buV ,u ,xk & bdkflfLVe ,ukykbfllA bfM;u jh lp t- ,DlV- ,td'ku(13¼1½ % 1&9
- flg] vpy ½2012½A ,ikfDle'ku vkQ ÝV oV ckb ;ftx ÝV Mkbe'kul bu exk ¼e thQjk bfMdk ,y-½A ik- gkVhdYpj] 44¼1½ % 47&51
- flg ,- d-] ,- ckt i ;h vkj ,p- jfo'kdj ½2012½A lh vkb ,l ,p t&37 ¼vkb lh vk 587715(vkb ,u th vkj 11025½] tkeu ¼lkbthft ;e dfeuh½ telykte] fon ckYM ÝV ,M gkb iYi DokfyVhA bfM;u t- lykV tufVd fjlkl-(25½2½ % 214&215
- flg ,- d-] ,- ckt i ;h vkj ,p- jfo'kdj ½2012½A lh vkb ,l ,p- t&42 ¼vkb lh 0587714(vkb ,u th vkj 1024½] tkeu ¼lkbthft ;e dfeuh½ telykte] fon lhMylul ,M iYi dVV ,M gkb Vh-, l-, l-A bfM;u t- lykV tufVd fjlkl (25½2½ % 213&214
- ;kno] dk'ky'k d-] uhfyek xx] ih- d- 'kDyk] l t ; dekj] ihfr ;kno vkj noUn dekj ½2012½A fifyfeujh LVMh t vku ;fVykbt'ku vkQ ÝV oLV& dEikLV Qkj dYVho'ku vkQ vkbLVj e'k:e ¼ly;jkVl ¶ykfjMk ¼ekV-½ flUxj½- e'k:e jh lp(21¼1½ % 75&78
- ;kno] ihfr] uhfyek xx vkj nhik ,p- f}onh ½2012½A fiij'ku ,M boY;,'ku vkQ egvk¼cfl ;kyfVQkfyvk½ ojekÅFkA bVju'kuy t- vkQ QM QeV'ku VDukyk th 2¼1½ % 57&61

ykdfi;y[k

- vnd] r:.k] dyk'k dekj] foukn dekj flg vkj vfuy dekj flg ½2012½A df"k e uuk ik|kfxdh dk egRoA m|kujf'e] 13½2½ % 8&9
- HkVVkpk th] ,- d- vkj Mh- d- 'kDyk ½2012½A df"k dk;; e doduk'kh ifr tfodh dk mi;kxA m|kujf'e] 13½2½ % 56&58
- xx] uhfyek ½2012½A ve:ne fdf.or i;]m|kujf'e 13½2½ % 65&66
- xx uhfyek vkj l t ; dekj ½2011½A ddEcj cLM ikck;kfVd fMd] vkb lh, vkj U;t] 18½2½ % 13
- xx uhfyek vkj l t ; dekj ½2012½A cnxkHkh dk fdf.or vpkjA m|kujf'e] 13¼1½ % 68&69
- fdYykMh] Hkkjrh vkj j[kk pkjfl ;k ½2012½A ve:n dk rMkb mijkr ic/ku] m|kujf'e] 13¼1½ % 55&58
- dekj] dyk'k vkj foukn dekj flg ½2012½A ve:n d ckxke lefdr ik"k.k ,o t y ic/ku] m|kujf'e] 13¼1½ % 27&35
- dekj] dyk'k] r:.k vnd vkj foukn dekj flg ½2012½A Qy o{kk d fy, enk t y dk egRo] m|kujf'e] 13½2½ % 36&38
- dekj] jke ½2012½A fV'k dYpj dyk dh mRrj in'k e 0;olkf;d [krh] m|kujf'e] 13½2½ % 20&23
- feJk] ,- d- vkj oh- d- flg ½2012½A vke e nfgd fodkj

,o ik"kd rRok dh deh] m|ku jf'e 13½2½ % 39&44

- feJk] n";r ½2012½A vke d ckxk e dukih ic/ku ,o th.kk)kj] m|ku jf'e] 13½2½ % 14&19
- feJk] ,e- ½2012½A vuokf'kd Qlyk dh to lj{kk] m|ku jf'e] 13½2½ % 5&7
- jktu] ,l-]uhfyekxx vkj ,p- jfo'kdj ½2012½A LokLF; ,o ik"k.k d fy, ve:n] m|ku jf'e] 13½1½ % 1&3
- jke] vkj-, ½2012½A tfod [kkn]i)fr;k ,omudk ve:n d tfod mRiknu e i;kx] m|ku jf'e] 13½1½ % 35&39
- 'kek] fufe"kk] ehuk{kh efyd] euh"k feJk vkj ,e- eFkdekj ½2012½A vkf.od [krh ,o ekuo LokLF;] m|ku jf'e] 13½2½ % 75&76
- 'kDyk] ,l- d- ½2012½A ve:n d ckx e vr%Qlyk dh [krhA m|ku jf'e] 13½1½ % 22&26
- flg] ,- d- vkj t- ih- flg ½2012½A fpjk th dh ckxokuh ,o ml dh mi;kfxrkA m|ku jf'e] 13½2½ % 29&31
- flg] oh- d- ½2012½A ve:n dh l?ku ,o vfrl?ku ckxokuhA m|ku jf'e] 13½1½ % 16&21
- flg] oh- d-] dkfeuh flg vkj vujkx flg ½2012½A ikyhgkml e ,fu'kdQyd ¼ikFkhukdkfid½ [khj dh [krh] m|ku jf'e] 13½2½ % 32&35
- VMu] Mh- d- vkj Mh- d- 'kDyk ½2012½A ve:n d mRikn ,o ilLdj.kA m|ku jf'e] 13½1½ % 64&67
- VMu] Mh- d- vkj Mh- d- 'kDyk ½2012½A VekVj d eY;ofèkr mRiknA m|ku jf'e] 13½2½ % 59&64
- oek] vt; ½2012½A Hkkjr e ve:n mRiknu ,o foi.kuA m|ku jf'e] 13½1½ % 59&63

lkjk'k

Hkkjr d iohl {k=k e lalk/ku lj{k.k d ek/;e ls vkthfodk vkj i;koj.kh; lj{kk ij jk"Vh; lEeyu] Hkou'oj] vkfM'kk 5&7 viy] 2012

- vnd] Vh-] d- dekj] oh- d- flg vkj foukn dekj flg ½2012½A vity vkQ ,l-vk-lh- ,M ,u- dVUVl vkQ gkb MflVh n'kgjh exk ¼eftQjk bfMdk ,y-½ vkpM Qkj bVl lLVfufcfyVhA it&8
- Hkxo'kh] ,l- vkj-] Vh- vnd] d- dekj] oh- d- flg vkj foukn dekj flg ½2012½A biDV vkQ MfQflV bjhx'ku 'kM;fyx vku okVj ;t ,fQfl;lh] okVj ikMfDVfoVh ,M okVj dtjo'ku bu exk ¼ethQjk bfMdk ,y-½ vUMj lcVkfidy dMh'kuA u'kuy dkÝl vkQ ykboyhgM ,M ,Uok;jeVy flD;fjVh Fk fjlkl dUto'ku bu bLVu jhtu vkQ bfM;kA it 54
- 'kDyk] ,l- d-] Mh- feJk] Vh- vnd vkj d- dekj ½2012½A vkbMfVQkbx dkLVVl ,M VDukykftdy xll bu ikMD'ku V dtEi'ku pu vkQ exk bu eyhgkckn cYV vkQ y[kuÅ] mÙkj in'kA it 133&134
- 'kDyk] ,l- d-] Vh- vnd] d- dekj] ,- feJk vkj foukn dekj flg ½2012½A vity vkQ Lok;y QfVfyVh LVVl bu exk ¼ethQjk bfMdk ,y-½ vkpM Qkj lLVufcy ykboyhgM flD;fjVh vkQ bfM;u Qkel A it 13&14

[kk|] ik"k.k vkj vkthfodk fodYik d fy, ckxokuh ij of'od lEeyu] Hkou'oj] vkfM'kk 28&31 eb] 2012

- vnd] Vh-] oh- d- flg] foukn dekj flg vkj ,- d- flg ½2012½A jxyVM okVj MfQflV bEifDVx Lok;y ekbLpj ,M Lok;y VEijpj Mk;ufeDl bu ,n'kgjh exk ¼ethQjk bfMdk ,y-½ vkpM vkQ lcVkfidy jhtuA it 208
- vnd] Vh] d- dekj vkj foukn dekj flg ½2012½A vity vkQ ekbØkU;VhUV LVVl vkQ gkbMflVh exk ¼ethQjk bfMdk ,y-½ vkpM Qkj bVl ikfMDVfoVh ,M vkpM lLVfufcfyVhA it 209
- ckti;h] ,-] ,e- eFkdekj] ,l- jktu vkj ,p- jfo'kdj ½2012½A le ,LiDVl vkQ QD'kuy thukfeDl Qkj bioeUV vkQ bdkukfedyh bikVUV VVl bu exkA it 91
- nkeknju] Vh- vkj- ,- jke] vkj- ch- jk;] oh- d- feJk] Mh- d- 'kek vkj ,- d- flg ½2012½A gkfVdYpj cLM Li';ykbTM bVhxVM QkfexflLVe ekMy Qkj lLVucy ykboyhgM bu lkfMd Lok;y vkQ ;-ih-A it 44&45
- dekj] jke] vpy flg vkj ,l- jktu ½2012½A eYVhofj,V ,ukfyfll vkQ ijQkjel vkQ yhph ¼yhph pkbufll lku-½ ojkbVht vMj y[kuÅ dMh'kuA it 87

- dekj] jke] ,p- jfo'kdj vkj vpy flg ½2012½A yhph xkf¶Vx ¼ , dEifjfVo LVMh vkQ lhtUl] lVfcfyVh vkQ :VLVkd ,M lk;u fFkdul vMj lcVkfiDlA it 351&352
- yky] cjlkrh] vt ; oek] Mh- d- VMu] n"; r feJk] vkj- ih- 'kDyk] d- dekj] ,l- d- 'kDyk vkj ,p- lh- oek ½2012½A Qku&bu ykbo ikxke ,MehfM;kfjlkl lUVj ,u bUVjQl fcVohu lkbfVLV ,M vkpfMLV Qkj bQfDVo bQkje'ku fML lfeu'kuA it 334
- yky] cjlkrh] vt ; oek] vpy flg] dyk'k dekj] lHkk"k pn] n"; r feJk vkj ,l- d- 'kDyk ½2012½A LVdgkYMl b'; t Qkj bVhxVM MoyieUV vkQ gkfVdYpj bu mÙkj in'k ,o mÙkjk[kMA it 66&67
- yky] cjlkrh] ih- d- 'kDyk] ,- fl?kk] Vh- vnd] n"; r feJ vkj ch- jkt dekj ½2012½A bugflx nh ikMfDVfofV ,M ÝV DokfyVh vkQ exk Fk ih gkoLV VDukykftdy bVjo'kUl bu exk VDVl vkQ ;-ih- ,M mÙkjk[kMA it 123&124
- feJ] ,- d- vkj oh- d- flg ½2012½A Xokok foYV ,M exk ekYQkje'ku & n u'kuy ikCyEl vkQ Xokok ,M exk bu bfM;kA it 30&31
- jke] vkj- ,- vkj vry fl?kk ½2012½A vkxfud Qkfex Qkj lLVfux bYM] DokfyVh ,o Lok;y QfVfyVh bu Xokok ikMD'kuA it 199&200
- flg] oh- d-] v'ekuflg] eukt dekj lkuh vkj vujkx flg ½2012½A bVjØkfix vkQ dky Øki bu buØhftx ikMfDVfoVh vkQ exk vkpMA it 204
- flg] ,-] Vh- vnd] d- dekj vkj foukn dekj flg ½2012½A Lif'k;y ofj,'kUl vkQ fMgkbMkftut ,fDVfoVh] Lok;y vkxfud dkcu ,M Lok;y ekbLpj bu ,u vkxfud ,M bu vkxfud lcLVV VhVM exk vkpM Lok;yA it 209
- flg] vpy vkj oh- d- flg ½2012½A ,flyd'ku vkQ lEiy lkbt Qkj ,fLVefVx n vkpM bYM vkQ exk lh oh yxMk ¼etQjk bfMdk ,y-½A it 209
- flg] ,- d-] ,p- jfo'kdj] vt ckti;h vkj t- ih- flg ½2012½A ikLiDVl vkQ vMj ;fVykbTM ÝV Økll dYpj bu nh bfM;u lcVkfuDlA it 346
- flg] oh- d-] dkfeuh flg vkj vujkx flg ½2012½A beftx ikLiDVl vkQ ikVDVM dfYVo'ku vkQ oftVcYl Økll vMj DykbeV ptA it 159

6&9 uoEcj] 2012 dk yf/k;kuk] ii tkc e ii tkc df'k fo'ofo|ky; ¼ih , ;½ d lg;kx e Hkkjrh; ckxokuh lkk;Vh ¼,p vkbZ ,l½ }kjk ikpo Hkkjrh; ckxokuh lEeyu ,d vrjk"Vh; vfèko'ku dk vk;kstu] yf/k;kuk] ii tkc 6&9 uoEcj] 2012

- vnd] Vh-] d- dekj vkj ,- fl?kk ½2012½A Lif'k;k&VEikjy ofj,'kUl bu Lok;y ekbLpj ,M Lok;y VEijpj vUMj gkbMfl Vh Xokok vkpMfl LVeA it 397
- ckti;h] ,- vkj ,e- eFkdekj ½2012½A vkblky'ku ,M djDVjkbt'ku vkQ thUl buokYoM bu ¶ykofjx bu exk ¼etQjk bfMdk ,y-½A it- 38&39
- HkVVkpkth ,- d-] nhf{kr ,- vkj Mh- d- VMu ½2013½A gkbijQkeUl fyfDoM ØkeVkxkfQd fMVjfeu'ku vkQ ,ldkfcd ,flM ,M ikyhfQukYl bu vkoyk tl ,M Li MkbM ikmMjA ikslhfMXl vkQ bVju'kuy flikft;e vkuekbuj ÝVl ,M efMfluylykVl Qkj gYFk ,M bdkykftdy flD;fjVhA it 264&270
- feJkn"; r] ,p- jfo'kdj vkj ch- yky ½2012½A gkuflx ikVfU'k;y vkQ gkbMfl Vh lykfVx V bio ikMfDVfoVh bu exk dfYVokj n'kgjh vMj y[kuÅ dMh'kUl vkQ mÙkj in'k ¼vkbZ lh&220½A gkfVdYpj Qkj QM ,M bok;jkUeV flfDofjVhA it 337&338
- feJk] ,e- vkj ;- tyhy ½2012½A tufVd VkLQke'ku bu Xokok ¼flfM;e xtkok ,y-½A it 38
- jke] vkj- ,-] vry fl?kk vkj dyk'k dekj ½2012½A boy,'ku vkQ fMQjUV vkxfud buiVl vku Lok;y] lykV U;Vh;UV LVVl] bYM ,M DokfyVh vkQ exk dYVhokj vkeikyhA it 96
- 'kDy] ih- d-] ,- d- feJk vkj vpy flg ½2012½A ,fiMfe;kykth vkQ 'kkYMj ckmfux ,M Vh;j LVfux fMthT vkQ exk ¼etQjk bfMdk ,y-½A it 409&10
- flg] vpy vkj oh- d- flg ½2012½A lEiy lkbt

fMVfeu'ku vkoj fMQjUV dkfQMUl ikcfcfyVh Qkj ,fLVefVx fn vkpM bYM vkQ exk ¼e thQjk bfMdk ,y-½ dfYVokj yxMkA it 567&68

- flg] ,- d-] vt ckti;h] ,p- jfo'kdj] oh- d- flg vkj t- ih- flg ¼2012½A boY;,'ku vkQ tufVd ofj;fcfyVh vkQ egvk ¼cfl;k yfVQkfy;k jkDl-½ vUMj y[kuÅ dfM'kUl vkQ mÙkj in'kA it 334

cnyrs tyok;¡ ifjfLFkfr ds lcs/k es ckxokuh] vk"k/kh;] lxs/kh; vkj Qy Qlyks dks pukrh nus oky jkxks ds ics/ku ij vk;kftr jk"Vh; lEeyu] Hkkjrh; xUuk vuls/kku lLFkku] y[kuÅ

- ckti;h] ,- vkj eFkdekj ,e- ¼2012½A bu foVk lyD'kUt Qkj Xokok foYV ;ftx dYpj fQYVVA it 113&114
- xx] uhfyek ¼2012½A dkm Mx ,t , lkl vkQ ck;k, tUVlA it 85&88
- feJk] n";r] ,l- pUnk] ch- d- ikM; vkj ,- dekj ¼2012½A ill'ku vkQ fMtht ikCyDl vkQ exk xkvl Fk fdlku dky lUVj ,M Qkel gYi ykbuA it 121&122
- feJk] ,e- ;- tyhy] ch- d- ikM; vkj vkj- d- feJ ¼2012½A bu foVk LØhfux vkQ l;jfVo VkUl tfud Xokok lykVyVl vxULV ¶;tfj;e vkDlhLikje ,Q-Li- flMh fn blhMV vkQ Xokok foYV fMthtA it 113
- feJk] vkj- d-] ch- d- ikM;] ,e- eFkdekj vkj ,- d- feJ ¼2012½A MoyleV vkQ , Mk;jDV ih-lh-vkj- ,l Qkj ekY;D;yj Mk;Xukfll vkQ ¶;tfj;e vkDlhLikje ,Q-li- flMh dkftx foYV fMtht bu XokokA it 102
- jke] vkj-,-] ,- d- oek] ch- d- ikM;] vry fl?kk vkj dyk'k dekj ¼2012½A bQfDVo euteV vkQ lykV gYFk Fk ck;k ,ugUll bu vkxfud ikMD'ku vkQ lykfVx eVhfj;Yl vkQ lcVkfidy ÝVlA it 109
- flg] oh- d- vkj ,l- jktu ¼2012½A LVMht vku Qhukykftdy xkFk iVu ,M ¶ykjy ekyQke'ku vkQ exk ¼e thQjk bfMdk ,y-½ dYVhokl vUMj lcVkfidy DykbefVd dMh'kUlA it 114&115
- 'kDyk] ih- d- feJk] ,- d-] vkj- ih 'kDyk vkj ch- d- ikM; ¼2012½A foYV fMtht vkQ exk bu mÙkj in'k ,M mÙkjk[kMA it 97

jk"Vh; iihrk ijke'kink=kh cBd] 8 tuojh] 2013 dk Hkkjrh; ckxokuh vuls/kku lLFkku ¼Hkk- d- vu- i-½] gslj?kVVk ysd ikLV] cXy: es vk;kftr

- feJk] ,e ¼2013½A Vkl tfud iik;k Qkj ok;jy jfllVl % LVVl xll ,M o QkoMA it 168
- jfo'kdj] ,p-] ,- d- flg vkj me'k gnnef.k ¼2013½A MoyieV vkQ LVcy gkekÝkMkbV iik;k VkbIl vkQ ilk Mfyll ,M CO&7 Qkj bÝ0M ikMfDVfoVh ,M DokfyVhA it 169

vU;

- vnd] Vh] ,- fl/kk] d- dekj vkj foukn dekj flg ¼2013½A biDV vkQ fMQjUV lcLVVl vku Lif'k;y ofj,'kUl vkQ Lok;y vkxfud dkcu] Lok;y ekbLpj ,M MhgkbMkftut ,fDVfoVh bu Xokok Lok;yA iklhfMXl vkQ QLV bVju'kuy dkÝl vku ck;k&fjlkl ,MLVl euteV gYM ,V dkydkrk] 6&9 Qjojh] 2013A it 46
- vnd] Vh-] d- dekj] oh- d- flg] foukn dekj flg vkj ,- d- flg ¼2012½A bQDV vkQ fMQjUV Lok;y ek;kLpj jftEl vku Lok;y ekbLpj Mk;ukfeDl] bYM ,M DokfyVh bu exkA iklhfMXl vkQ FkMbVju'kuy ,xkukeh dkxl vku ^^,xhdypj Mk;oflfQd'ku] DykbeV pt euteV ,M ykboyhgM** gYM ,V vkb-,-vkj-vkb-] U;ngyh] 26&30 uocj] 2012A it 1416&1418
- xx] uhfyek ¼2012½A bVjiU;kjf'ki MoyieV Fk ikMD'ku vkQ oY; ,MM ikMDVl Ýke gkfVdYpjy oLVlA bu% lkofu;j vkQ lfeukj vku beftx VMl ,M VDykykftdy bu QM ikoflx lDVjA bLVhV;V vkQ bVjikfu;kjf'ki MoyieV] y[kuÅA it 17&19
- xx] uhfyek ¼2012½A lkfyM oLV euteV vkQ lcVkfidy ÝVlA bu% iklhfMXl vkQ u'kuy lfeukj vku Vkfidy ,o lcVkfidy ÝVlA uolkjh ,xhdYpj ;fuoflVh] uolkjhA it 274&275

- xx] uhfyek ½2012½A oLV ;fVykbt 'kubu gkfVdYpjy ØkllA bu 'kk/kfpruA ,-,l-,e- QkmUM 'kuu;h fnYyhA it 210&212
- xx] uhfyek ½2013½A oLV euteV Qkj vcu gkfVdYpjA bu ¼vcu ,M ijh vcu gkfVdYpj&, illifDVoA lexyk] ,p-ih-] eYgk=kk] ,l-d- rFkk pknlik] ih-A dfQMj'ku vkQ gkfVdYpj vlkf'k,lu vkQ bfM;kA it 66&72
- xVe] Jh/kj] oh- d- flg vkj 'kyn jktu ½2012½A LVVth Qkj QhukVkbfix fQft;kykftdy VVl bu exk ¼etQjk bfMdk ,y-½ Qkj nh MoyieV vkQ vck;kfVd LVl VkyjUV ojkbVhtA ^u'kuy lfeukj vkQ lykV fQft;kykth vku fQft;kykftdy ,o ekY;D;yj vikpt Qkj MoyieV vkQ DykbefVd fjthfy,UV ØkII** gYM ,V vkpk;] ,u-th- jxk ,xhdYpjy ;fuoflVh] jktUnuxj] gnjkckn] fnlcj 12&14] 2012A it 10
- [kku] jkf'kn ,e- ½2013½A Xokok foYV@Xokok fMDykbu buokYoeV vkQ lykV uhekVkMl bu fMtht dlyDlA VFku'kuyflikft;e vkuck;kVDukykftdy ,ikpt Qkj lykV ikVD'kudLVUVl ,M vikpfuVhtA vkb-lh-,-vkj- fjlp dElyDl] xkvkA 27&30 tuojh] 2013A it 23&25
- dekj] d-] Vh- vnd] ,-fl?kk] ,l-d- 'kDyk vkj oh- d- flg ½2012½A bQDV vkQ bVhxVMU;Vh;UV euteUV vku le Lok;y ikiVht bu exk vkpMA iklhfMXl vkQ FkM bVju'kuy ,xkukeh dkxl vku ,xhdYpj Mk;oflfQd'ku] DykbeVpt euteV ,M ykboyhgM** gYM ,V vkb-,-vkj-vkb-] U;MYgh] uocj 26&30] 2012A it 104&105
- feJ] n";r] ,p- jfo'kdj] d- dekj] oh- d- flg] ,- d- flg vkjvt;oek ½2012½A ikMfDVfoVh ,ugleV vkQ ,fXtfLVxexk ,MXokok vkpMl bu bfM;kA LVV yoy od'kki vku ikMfDVfofVbioeV vkQ gkfVdYpj ØkII gYM ,V vk-;-,-Vh- Hkou'oj] uocj 29] 2012A it 73&80
- jfo'kdj] ,p vkj ,-d- flg ½2013½A jhlUV ,Mokl t bu lcVkfidy ÝV ØkII ,M ikVf'k;y Qkj ¶;pj& ,ukfyfllA u'kuy lfeukj vku Vkfidy ,M lcVkfidy ÝVl ,VflYoj tcyh vkQ ,-,l-ih-b-b-dkyt vkQ gkfVdYpj ,M QkjLVh] ,u-,-;-] uolkjh] xtjkr] tuojh 9&11] 2013A it 112&137
- jfo'kdj] ,p-] vkj-,e- [kku] ,l-jktu] ,u-xx] Mh-d-VMu] ch-d-ikM vkjn";r feJk ½2012½A Qkej& ÝMyhVDukykth t bu ikMD'ku ,M ;Vhykbt 'ku vkQ lcVkfidy ÝVlA bu ¼lkofu;j vkQ ,xhdYpjy fjlp ,M M0yieV dkuDyo Qkj mÙkj in'k] vkb-vkb-,l-vkj-] y[kuÅA it 12&22
- flg] ,-d- vkj t-ih- flg ½2012½A tkeu dh lQy ckxokuh] f}rh; jk"Vh; [kfygku e foKku lxk"Bh] f'kog"k fdlku Lukrdkùkj egkfo|ky;] 15&16 tu] cLrhA it 49&50
- flg] oh- d- ½2012½A vke e vfu;fer Qyu rFkk vU; nfgd fodkjk dk dkj.k ,o ic/kuA bu ¼Lekfjdk vku f}rh; jk"Vh; [kfygku e foKku lxk"Bh] f'kog"k fdlku Lukrdkùkj egkfo|ky;A 15&16 tu] cLrhA it 32&34
- flg] oh- d-] vujkxflg] ,e- d- lkuh vkjv'keku flg ½2012½A gkbMflVh lykfVx ,M dukih euteV bu lcVkfidy ÝV ØkllA bu¼u'kuyod'kki de lfeukj vku ,Mokl t bufilhtu gkfVdYpjA vkxukbTM ckb u'kuy dfeVh vku lykLVhdYpj ,ifyd'ku bu gkfVdYpj] fefuLVh vkQ ,xhdYpj] xoeV vkQ bfM;k] U;MYgh ,M filhtu Qkfex MoyleV lUVj] th-ch-iUr;fuoflVh vkQ ,xhdYpj ,M VDukykth] iruxjA it 34&41
- flg] oh- d- eFkdekj ,e-] ,p- jfo'kdj ½2012½A vikpt Qkj vMjLVfMx nh ¶ykofjx edfute bu lcVkfidy ÝV ØkllA u'kuy lfeukj vkQ lykV fQft;kykth vku ^fQft;kykftdy ,o ekY;D;yj vikpt Qkj MoyieV vkQ DykbefVd fjthfy,V ØkllA fMikVeV vkQ Øki fQft;kykth] vkpk;] ,u-th- jxk ,xhdYpjy ;fuoflVh ,M bfM;u lklkbVh Qkj lykV fQft;kykth] U;MYgh ,V vkpk;] ,u-th- jxk ,xhdYpjy ;fuoflVh] jktUnuxj] gnjkcknA it 133&147
- flg] oh- d-] Jh/kj xVe] eFkdekj ,e-] ,p- d'ko dekj vkj ,p- jfo'kdj ½2012½A od'kki QhMcd ,M fj0;

fjikVl vkQ vkb-lh-,-vkj-bLVhV;Vl vkQ y[kuÅA lIhVkbt'kuod'kki % dlkfV;e vkQ b&fjlklt bu ,xhdYpj ¼lVk½A it 7&11

mik".k Qy Qly mRiknu es orleku mUufrA ¼bl Mh , l½ flg] ch- ds- vkj jfo'kdj] ,p- ds- m- ck- l- y[kuÅ

- xx] uhfyek ¼2013½ % xk.k ckxokuh vol jA it 115&117
- dyk'k] dekj vkj r:.k vnd ¼2013½A lefdr ik"k.k vkj ty ic/kuA it 40&50
- [kku] vkj- ,e-] d'ko dekj vkj ckyk th jkt dekj ¼2013½A lefdr uk'kh tho ic/kuA it 99&103
- feJk] n";r ¼2013½A dk;kdYi vkj dukih ic/ku d ek/;e l Qyk|ku mRikndrk l/kkjA it 35&39
- feJk] ,e- vkj ,e- eFkdekj ¼2013½A rth l cgx.ku d fy, l{e i"k.k e mUufrA it 94&97
- dekj jke ¼2013½A yhph vkj dyk d fy, mRiknu ik|kfxfd;kA it 61&67
- 'kDyk] ,l- d- ¼2013½A vudy Qly i.kkfy;k d ekè;e l Qyk|ku dh mRikndrk rRo l/kkjA it 26&34
- flg] oh- d- ¼2013½ vke ¼e thQjk bfMdk ,y-½ e vU; nfgd fodfr;k vkj odfYid mRikn gr lnHk lfgr mRikndrk iHkkfor rRoA it 18&24
- flg] oh- d-] vujkx flg] ,e- d- lkuh vkj v'keku flg ¼2013½A x.koRrk Qy mRiknu d fy, l{e flpkb d rgr tM vkj vdju d nfgd ifrekuA it 87&93
- flg] ,- d- ¼2013½A dN vYinkfgr Qyk d fy, mRiknu ik|kfxfd;kA it 68&75
- oek] vt; ¼2013½A foi.ku vkj fu;krA it 118&124

rduhdh cyfVu

- xx] uhfyek] vkj- d- flg] ,- d- flg] i"ik d".kk] fofudk flg] vpuk flg] lt; dekj] Mh- d- 'kDyk] j[kk pkjfl;k vkj vHk; nhf{kr ¼2012½A Qy ,o lCth ilLdj.k % xkeh.k efgyk m|ferk ifLrdk] d- m- ck- l- rduhdh cyfVu l- 43 51 it A
- ?kk"k lkfod] dekj v'ouh] ikMk] Mh- d-] oek] ,p- lh- ¼2012½ ioh Hkkjrh; jkT;k d ftyk e flpkb] df"k ifjn"; d chp lidA jhlp cyfVu l- 54] ty ic/ku fun'kky; ¼Hkk- d- vu- i-½] Hkou'oj] vkfM'kk] Hkkjr 43 it A
- 'kDyk] ,l- d-] n";r feJk] d- dekj] Mh- d- VMu] ,- oek] ,u- xx] ih- d- 'kDyk] ,- d- oek vkj ,- d- HkVVkpk th ¼2013½A ve:n eeY; J[kyk ic/ku foLrkj cyfVu l- 2013 ¼1½A ,u- ,- vkb- ih-] lh vkb ,l ,p] y[kuÅ 69 it A
- flg] oh- d-] vujkx flg vkj eukt lkuh ¼2013½A cxu d lkFk ve:n ¼flfM;e xtkok ,y-½ e vr%Qly A rduhdh cyfVu l- 1] 2013] ih ,Q Mh lh] lh-vkb-,l- ,p] y[kuÅ] 10 it A

iLrd v/;k;

- jktu] ,l] ,p- jfo'kdj] fn0;k frokjh] oh- d- flg] itk lDluk] f'kYih flg] okb- Vh- ,u- jMMh] d- d- mirh] ,e ,e cjkUndj] ,- Hkxoku vkj vkj- dUuMh] ¼2013½A l0;ofLFkr _rtfodh; vkdM % vke ij tyok; iHkko dk le>u ,d eyHkr vko';drkA bu % tyok; vudy ckxokuh % vxhdj.k vkj U;uhdj.k j.kuhfr;kA gjh'k pUn ilkn flg] d".kkefr ,l- jko] f'ko'kdj dknFky lhrkjeb;k] unhfiuk;dkugYyh ¼bMh, l½] fLixj] it 53&65A
- jfo'kdj ,p] ,l- jktu] oh-d- flg] ch- d- ikM;] vpy flg vkj vt; oek ¼2012½A Hkkjr e vke m|kx dh fLFkjrk l/kkju d fy, vke mRiknu dh fLFkfr vkj bldk fu/kkj.kA df"k o"k iLrd 2012] df"k vkt] it 73&78A
- 'kDyk] ih- d-] ch-d- ikM; vkj ,- d- feJk ¼2012½A vke dk vpkud u"V;k mdBk % oreku fLFkfr vkj Hkkoh lHkkouk,A bu % LFkkb df"k d fy, ouLifr foKku dh >yd] ,- d- jk; vkj ,p- d- pkjfl;k ¼bMh ,l½] ,- ch- ifCyd'ku] fnYyh] it 312&322A
- oek] ,p- lh- ¼2012½A to lpuk d fy, e'khuh lh[k dk rjhdk- bu to ik|kfxdh vkj to lpuk e i;Dr

del;V'kuy to foKku vkj lkf[;dh ¼[kM 1½ ,- d- jk; ¼b Mh½] U; bfM;k ifCyd'ku , t lh] u;h fnYyh] i t 615&645A

l ikfnr iLrd

- flg] oh- d-] vkj ,p- jfo'kdj] ¼2013½] mik".k Qy Qly mRiknu e oreku mUufrA d- m- ck- l- y[kuÅ] 124 i tA

euvy

- jke] vkj- ,- ¼2013½A ckxokuh Qlyk e tfod df"k ij euvy] d- m- ck- l- y[kuÅ] 70 i tA
- jfo'kdj] ,p-] ,p- pUn'k[kju] oh- d- flg] ,e- eFkdekj vkj ,p- dlo dekj ¼2013½A df"k e b&l lk/kuk d fy, dlkfV;e dk lxghdj.k ¼lh b vkj ,½A d- m- ck- l- ¼,u , vkb ih½] y[kuÅA 26 i tA

foLrkj QkYMj

- dekj] d-] vkj- ih- 'kDyk] ch- d- ikM;] ih- d- 'kDyk] ch- yky] n";r feJk vkj ,p- jfo'kdj ¼2012½A vke dh mRikndrk ,o x.koRrk l/kkj gr rMkb io ckxk dk ic/kuA rduhdh QkYM l- 5-2012- d m- ck- l-] y[kuÅA
- jfo'kdj] ,p-] Hkkjrh fdYykMh] i"ik d-] ch- d- ikM; vkj Mh- d- VMu ¼2012½] LokLF; n[kHkky vkj ik"k.k d fy, vkeA foLrkj QkYMj 2012 ¼4½A

b&i dk'ku

- ckt i;h ,-] ,e- eFkdekj ,e-] ,l- jktu vkj ,p- jfo'kdj ¼2012½A exhQjk bfMdk Vh vkj ,u , & ,y b ;(trnL) thu] vkf'kd vuØe] Vh vkj ,u ,Q bVj tfud Lilj] i.k] Vh vkj ,u , & ih ,p b (trnF)] vkf'kd(DykjklykLV 8 vke lhoh, l- t X185672-1 l t X185679-1 ¼8 vuØe½A
- jfo'kdj ,p] ,p- pUn'k[kju] oh- d- flg] ,e- eFkdekj vkj ,p- dlo dekj ¼2013½A l lEc) fMLd tkjhA 2 Qjojh] 2013 dk d- m- ck- l- y[kuÅ] e df"k e b& l lkèkuk d fy, dlkfV;e ij lxghdj.k dk;'kkyk e d- m- ck- l- dh QhM cd fjikVA

10- vuqla/kku ifj;kstuk,¡

Qly lq/kkj ,oa tSoizkS|ksfxdh izHkkx

;kstuk

I. mik"ku QykS dk vkuqoa'kd lq/kkj ikS/k izo/ku ,oa lajkkj

ikS/k ykHkizn %,p- jfo'kdj

ifj;kstuk,¡

1- vke vkj ve:n dk vkuqoa'kd lq/kkj izo/ku ,oa lajkkj

iz/kku vUos"kd %,l- jkt u

lgiz/kku vUos"kd %jke dekj] th- ikM;] v t ckt ib] eFkdekj ,e-

lg;ksxh %Mh-d- VMu] ch-d- ikM;] vkj-ih- 'kDy] vpy flg] euh"k feJ

2- ih rk dh egRoiw.kZ LFkku ;qDr L=khfyx ¼xk;ukMkbvkfl ;½ okf.kfT;d fdLeksa esa LFkk;h mHk;fyx dk fodkl

iz/kku vUos"kd %,-d- flg

lgiz/kku vUos"kd %,p- jfo'kdj] me'k gnnefu

3- vkoyk ,oa cy esa vf/kd mit vkj U;wVkL;fVdy eYS; dk lq/kkj

iz/kku vUos"kd %Mh- ikM;

lgiz/kku vUos"kd %me'k gnnefu

lg;ksxh %,-d- HkVVkpk th

4- vke esa v tSo nokc dh lfg"kqrk dk eyoUr dh igpku

iz/kku vUos"kd %,p- jfo'kdj

lgiz/kku vUos"kd %,-d- flg] oh-d- flg] dyk'k dekj] Jh/kj xVe] eFkdekj ,e-] me'k gnnefu] r:.k vnd

5- vke dk tuun0; dk :fcLdk vkj lafkr fd.od fØ;kvksa dk eYS;kdu

iz/kku vUos"kd %,p- jfo'kdj

lgiz/kku vUos"kd %oh-d- flg] ,l- jkt u] eFkdekj ,e-

lg;ksxh %r#.k vnd

Qly mRiknu izHkkx

;kstuk

II. Øec) i)fr }kjk lq/kkj dk b"Vre mi;ksx djrs g, Qyksa dh mRikndrk ,oa x.koRrk lq/kkj

ikS/k ykHkizn %dyk'k dekj

ifj;kstuk,¡

6- vke ,oa ve:n esa lefdr ty vkj ik"kd izo/ku i)fr

iz/kku vUos"kd %dyk'k dekj

lgiz/kku vUos"kd %,l-d- 'kDy] r:.k vnd] vry fl?kk

lg;ksxh %oh-d- flg] v t ;oek] vkj-ih- 'kDy ¼31-10-2012 rd½] vpy flg] ih-d- 'kDy

7- vke esa i"iu jpukrU=k ifØ;k le>uk

iz/kku vUos"kd %oh-d- flg

lgiz/kku vUos"kd %,p- jfo'kdj] ,l- jkt u] eFkdekj ,e-] v t ckt ib] Jh/kj xVe

lg;ksxh %dyk'k dekj

8- ?kVd mRikndrk c<kus gsrq vke vk/kkfjr Qly i.kkyh dk fodkl

iz/kku vUos"kd %,l-d- 'kDy

lgiz/kku vUos"kd %n";Urfeq] r:.k vnd] vry fl?kk] dyk'k dekj

lg;ksxh %vpy flg] ,p-lh- oek] v t ;oek] vkj-ih- 'kDy ¼31-10-2012 rd½] ih-d- 'kDy

9- vke dh vf/kd mRikndrk dsfy, dqdqih lajpuk izo/ku

iz/kku vUos"kd %n";Urfeq

lgiz/kku vUos"kd %oh-d- flg] vfuy dekj oek

lg;ksxh %vkj-ih- 'kDy ¼31-10-2012 rd½] ch-d- ikM;] dyk'k dekj] vpy flg] ,p-lh- oek] r:.k vnd] xMlik

10- vke dh mRikndrk c<kus gsrq fu.kZ; lgk;rk i=.kkyh dk fodkl

i/kku vUos"kd % ,p-lh- oekZ

lgi/kku vUos"kd % jke dsoj ,o ch-d- ikM;

lg;kxh % vkj-ih- 'kDy ¼31-10-2012 rd½] dyk'k dsoj] oh-d- flag] v t ; oekZ] r#.k vnd

11- e/kq LokLF; cuk, j[kus gsrq vke mRikuksa esa tSfod [krjh

i/kku vUos"kd % vkj-,- jke

lgi/kku vUos"kd % dyk'k dsoj] vry fl?kk] r#.k vnd

lg;kxh % vkj-ih- 'kDy ¼31-10-2012 rd½] v t ; oekZ] ch-d- ikM] vpy flag] Hkkjrh fdYykMh

*12- lsLFkku }kjk fodflr vke dh th.kksZ)kj rduhd vfHkxe.k dk eY;kadu

i/kku vUos"kd % cjlkrh yky

lgi/kku vUos"kd % lHkk"k pUnk] vpy flag] v t ; oekZ

lg;kxh % n";Urr feJ] ch-d- ikM] uhfyekxx

*13- lsLFkku }kjk fodflr vke ,oa vke:n dh fdLeksa dk vfHkxe.k dk eY;kadu

i/kku vUos"kd % lHkk"k pUnk

lgi/kku vUos"kd % cjlkrh yky] vpy flag

lg;kxh % n";Urr feJ] v t ; oekZ

*¼vkbZ-vkj-lh-d vrxZr leh{kk/khu½

Qly lqj{kk izHkkx

;kstuk

III. vke] vke:n ,oa izlaLdj.k esa dhVuk'kh tho] lwdzfe rFkk jksxksa dk lefdr izca/ku

ikxxke yhMj % vkj-ih- 'kDy ¼31-10-2012 rd½] vkj-,- [kku ¼01-11-2012 l½

ifj;kstuk,a

14- vke ,oa vke:n esa dhVuk'kh tho dk lefdr izca/ku

i/kku vUos"kd % vkj-ih- 'kDy ¼31-10-2012 rd½] ckyk th jkt dsoj ,e- ¼01-11-2012 l½

lgi/kku vUos"kd % xMlik

lg;kxh % v t ; oekZ] ,p- d'ko dsoj] vkj-,- [kku

15- vke dsa mdBk vkj 'kkYMj ckmfuax dh gbfV;ksa ij kh rFkk izca/ku

i/kku vUos"kd % ih-d- 'kDy

lgi/kku vUos"kd % vpy flag] vkj-ih- 'kDy ¼31-10-2012 rd½] ,p- dlo dsoj

lg;kxh % ,-d- feJ] dyk'k dsoj] r#.k vnd

16- vke dsa Hkqxk vkj xfr;k dhVksa dk fu.kZ; lca/kh izdkj esa lko/kku i=.kkyh dk fodkl

i/kku vUos"kd % vkj-ih- 'kDy ¼31-10-2012 rd½] ckyk th jkt dsoj ,e- ¼1-11-2012 l½

lgi/kku vUos"kd % xMlik] ,p-lh- oekZ] vpy flag

lg;kxh % ,l-d- 'kDy

17- vke esa ,UFkDuk t] Cykbl Cykbl vkj ikmMjh fefYM;ksa dk izcU/ku esa fu.kZ; lgk;rk gsrq ioZ prkouh i=.kkyh dk fodkl

i/kku vUos"kd % ih-d- 'kDy

lgi/kku vUos"kd % ,l-lh- oekZ] vpy flag

lg;kxh % ,l-d- 'kDy] r#.k vnd

18- vke dsa ,UFkDuksa t jksx dh funku&fo|k fodflr djuk

i/kku vUos"kd % ch-d- ikM;

lgi/kku vUos"kd % ,-d- feJ

lg;kxh % eFkdsoj ,e-

19- vke:n dsa mdBk jksx dk lefdr izca/ku

i/kku vUos"kd % vkj-,- [kku

lgi/kku vUos"kd % ch-d- ikM;] ,l- jkt u] ,p- dlo dsoj] n";Urr feJ] vry fl?kk] r:.k vnd] ,-d- HkVVkpkjh

rduhdh mRikn izca/ku izHkkx

;kstuk

IV. vkthfodk lqj{kk gsrq mRikn fofo/krk ,oa Qly vif'k"V mi;ksx

ikxxke yhMj % uhfyekxx

ifj;kstuk,

20- Qyk l eY;of/kr mRiknk dk fodkl djuk

i/kku vUo"kd % Mh-d- VMu

lgi/kku vUo"kd % i"ik d-] Hkkjrh fdYykMh

lg;kxh % uhfyek xx] ,-d- HkVVkpk th

21- Qyk ,o Qy m|kx vif'k"V dk fd.ou }kjk eY;oèku

i/kku vUo"kd % uhfyek xx

lg;kxh % vfuy dekj oek] i"ik d-

;kstuk

V. x.koRrk;Dr Qyk ds fy, rMkb i o ,o mijkr i.kkfy;k dk ,dhdj.k

ikxke yhMj % vt;oek

ifj;kstuk,

22- mik".k Qyk dh fu/kkuh vk;c<kuk

i/kku vUo"kd % Hkkjrh fdYykMh

lgi/kku vUo"kd % i"ik d] ch-d- ikM;

lg;kxh % vfuy dekj oek] uhfyek xx

23- enk ,o vke ds Qyk e ihMduk'kd jlk;uk ds vo'k"k dk fo'y"k.k

i/kku vUo"kd % ,-d- HkVVkpk th

lg;kxh % vkj-ih- 'kDy ¼31-10-2012 rd½] ch-d- ikM;] oh-d- flg] vry fl?kk] xMlik

24- mik".k Qyk dh ck tkj ,o fu;kr mUu;u lpuk

i/kku vUo"kd % vt;oek

25- Qy Qlyk ds ;=kk dh vfHkdYiuk ,o fodkl

i/kku vUo"kd % vfuy dekj oek

lg;kxh % Mh-d- VMu] ch-d- ikM] Hkkjrh fdYykMh] vt;oek] noUn ikM] jke dekj] ,-d- flg] uhfyek xx

11- ijke'k] iVUV ,oa ikS|fxfd;ksa dk okf.kT;hdj.k

ijke'k@ lykg

lLFkku d oKkfudku vf/knf'kr Qyk d mRiknu c<ku] Qly lj{kk ,oa rMkb mijkr ic/ku ij fdlkuksa dk oKkfud@rduhdh lykg nh fdlkuk dh v/kki;kxh Qyk dh oKkfud [krh fof/k;k dh tkudkjh Hkh miyC/k djkb x;hA oKkfudk vkj rduhdh vf/kdkfj;k u ckxokuk dk mud ckxk e vf/knf'kr Qyk e lLFkku }kjk fodflr ik|fxfd;k ijku ,oa vuRikn Qyk|ku] mPp?kuRo jki.k] ik"k.k ic/ku] dhV uk'kh tho ,oa jkxk dk ic/ku rFkk rMkb mijkr ic/ku d ckj e rduhdh tkudkjh inku dhA

12- i po"kh ; leh{kk Vhe] vu l/kku lykgdkj lfefr] lLFkku i c/ku lfefr] lLFkku vu l/kku lfefr

i po"kh ; leh{kk Vhe ¼D ; -vkj-Vh-½

Mk- Mh-, l- jkBkj dh v/;{krk e ipo"kh ; leh{kk Vhe u fnukd 3 l 5 tykb 2012 rd lLFkku dk Hke.k fd;k rFkk fofHkUu iHkkxk/;{kk }kjk iLrr fd; x; dk;k dh leh{kk dhA Mk- vk-,e- cEckoky] Mk- ¼ik-½ d-d- ftny] Mk- d-vkj- dkMy rFkk Mk- ,-,e- xkLokeh] D;-vkj-Vh- d lnL; FkA Mk- ,-d- feJ] ifj;k tuk leUo;d ¼mik".k Qy½ bld lnL;&lfpo FkA mud lh-vkb-, l-,p- Hke.k d io mUg ikp o"kk ¼2007&2012½ dh i"BHkfe lpuk miyC/k dh x;hft le lLFkku e dh x;h egRoi.k igyvk dh tkudkjh FkhA D;-vkj-Vh- u lLFkku d Qke rFkk i;kx'kkykvk dk Hke.k fd;k rFkk lHkh oKkfudk@lgHkkfx;k l fopkj&foe'k fd;kA mUgku lcf/kr fo"k;k e fd; x; dk;k ij egRoi.k l>ko fn;A blh lfefr u lLFkku efLFkr vf[ky Hkkjrh; vul/kku leUo; ifj;k tuk d fofHkUu dUnk e tkdj mud dk;k dh leh{kk dh RkFkk viuh fjikV Hkkjrh; df"k vul/kku ifj"kn dk iLrr dhA

vu l/kku lykgdkj lfefr ¼vkj-,-lh-½

dUnh; mik".k ckxokuh lLFkku] y[kuÅ dh 17oh vulèkku lykgdkj lfefr dh cBd Mk- Mh-ih-j] ekuuh; dyifr] vkMh'kk df"k ,o ik|kfxdh fo'ofo|ky;] Hkou'oj] vkMh'kk dh v/;{krk e fnukd 18 l 19 viy 2012 dk vk;kftr dh x;hA ;g vul/kku lykgdkj lfefr dh nljh cBd Fkh tk 2012 e vk;kftr dh x;hA igyh cBd tu 2011 e vk;kftr dh x;h FkhA lfefr d v/;{k rFkk vU; lnL;k u vke] ve:n]

vkb-vkj-lh- cBd

vkoyk ,o cy d x.koÙkk oky ik/k lkexh lcèkh dk; dh i'klk dhA cBd e fuEufyf[kr lnL; lfEefyr g,A

Mk- Mh-ih- j	&	v/;{k
Mk- ;kx jkt pkuuk	&	lnL;
Mk- okb-,u- jMMh	&	lnL;
Jh ,l-,l- egrk	&	lnL;
Mk- Mh-,l- [kjfn;k	&	lnL;
Mk- ,l- jktu	&	lnL;
Jh jktohj flg	&	lnL;
Jh d-d- 'kek	&	lnL;
Mk- ,p- jfo'kdj	&	lnL;
Mk- vkj-ih- 'kDyk	&	lnL; lfpo

egRoi.k fu.k ;

ij o"k d nkjku oKkfudk l vul/kku dh ixfr ij fopkj&foe'k dju d i'pkr vkj-,-lh- u fuEufyf[kr lLrfr;k dhA

Qly l/kkj ,o tlo ik|kfxdh iHkkx

- lLFkku }kjk fodflr fdLek dk fdlkuk@ckxokuk d fy, miyC/k fd;k tk;A
- cy e Rofjr Qyu gr i;kl ugh dju pkfg; D;kfd ;g ulfxd :i l rhlj o"k e Qyr nu yxrk gA
- n'k d fofHkUu ikrk e g, fdLek d eY;kdu dk fo'kn vkdyu gkuk pkfg;A
- m|kumRiknk d fpfdRlh; x.kk dk v/; ;u gkuk pkfg;A
- vke d fNyd d jx d fy; ftEenkj thu dk irk yxkuk pkfg; vFkok mu dkjdk dk irk yxkuk pkfg; tk rMkb io vFkok rMkb mijkr vke d fNyd d jx dk c<k ldr gA
- ik/kk dk xeh l cpku gr ,UFkk lkbfuu d vPN iHkkok dk v/; ;u gkuk pkfg;A
- vke vkj ve:n e vf/kd rkiØe e Hkh jx d LFkk;h cu jgu dh otg ij 'kk/k gkuk pkfg;A ve:n dh jx LFkkf;Ro okyh fdLe dk fodkl gkuk pkfg;A

- ve:n dh fdLe yfyr d chtk dk de dBkj cuk; tku dh fn'kk e dk; djuk pkfg;A
- cye E;flyt ,oe kjeykflude/; lc/k dh iMrky djuh pkfg;A
- cy dh ch&1 ,o ch&2 fdLe k dk lLFkku }kjk 'kh?krk l ykdkfir djuk pkfg;A
- lLFkku }kjk fofHkUu in'kk e Hkt x; ik/k lkexh dk eY;kdu ,o bld iHkkok dk vkdfyr djuk pkfg;A
- ghV 'kkd ikVhu tk xeh] lnh] yo.k lgu'khyrk ,o tyh; voLFkkvk d fy; ifrjk/kd {kerk j[krh g dh miyC/krk lpukvk d vk/kkj ij ¶yxf'ki ifj;ktuk dk fQj l cukuk pkfg;A

Qly mRiknu iHkkx

- MhgkbMkt tut bUtkbe dk ekiu enk e l{e thok dh fØ;k dk lgh lpd ugh gA bld vfrfjDr vU; lcfèkr ,Utkbe dk Hkh v/; ;u djuk pkfg; ftl l enk e lkj l{e thok dh lfØ;rk dk lgh irk py ldA
- vke e vUr%Qlyk d de fodkl d dkjdk dk o.ku fd;k tkuk pkfg;A Qly dk in'ku mRiknu ij ,fyykifFkd iHkko ijfuHkj djrk g vr% mudh Hkfedk dk/;kku e j[kuk pkfg,A
- vUr%Qlyk e flpkb l tyok; e l{e Lrj ij gku oky ifjoru rFkk mldk vke dh of) ,o Qyu ij iHkko dk v/; ;u djuk pkfg;A
- vke e i"iu dfydk foHknu d le; ftcjfyu ,o lkbVkdkbfuu d Lrj d v/; ;u dh Hkh vko'drk gA
- yo.kk d n"iHkko d QyLo#i ik/kk e cuu oky f}rh; d inkFkk ¼eVkckykbVl½ dk Hkh v/; ;u fd; tku dh vko'; drk gA
- lLFkku }kjk fodflr ik|kfxfd;k dk fofHkUu {k=kk e g, iHkko ,o mll lcf/kr lQyrk dh dgkfu;k dk vf/kdkf/kd ipkfjr dju dh vko'drk gA
- bl mí'; gr i'ukRrjh dk rRdky fodflr dj lLFkku vul/kku lfefr dh vxyh cBd e ppk dh tk;A

Qly lj{kk iHkkx

- ve:n d mdBk jkx dk iHkkfor dju oky tfod] enk lEcU/kh ,o to&ekleh dkjdk vkj bld ic/ku dh :ij[kk r;kj dh tkuh pkfg,A
- ve:n d ckxk e vUr%Qly mxku lEcU/kh i;kxk e bu Qlyk d mdBk jkx ij gkuoky ;Xe&iHkko dk vè;;u fd;k tk;A
- i;kxk e ¶ykb ,'k d mi;kx lcU/kh fØ;k fof/k LFkkfir ekudk d vu:i gkuk pkfg,A
- ve:n d mdBk jkx lcU/kh i;kxk e ik"kd rRok vkj enk ih-,p- d ikjLifjd lEcU/k l tM igyvk dk vè;;u fd;k tkuk pkfg,A
- u;s mHkjr g, uk'kh dhVk ,o jkxk ij xgjkb l 'kk/k fd;k tkuk pkfg,A

rMkb mijkr ic/ku iHkkx

- Qy iDou d{k d fuek.k dk mí'; Li"V gkuk pkfg,A
- nljn'kk e rMkb mijkr ic/ku ijfodflr rFkk LFkkfir rduhfd;k ij rMkb mijkr ic/ku foHkkx dk ,d^dkllV iij* fodflr djuk pkfg,A
- beh MkDykfiM dk enk e mi;kx dj l{e thok ij mld iHkko dk v/; ;u djuk pkfg,A
- vke d Qyk ij dkfVx dk mi;kx ugh djuk pkfg,A
- mRikn fuek.k e vkoy e pdnj oxk tj dk fefJr ugh djuk pkfg,A
- dN uohu mRiknk tl vkoy dk dkfM;y rFkk l{e VdMk ;Dr vke d LDo'k dk fuek.k fd;k tk ldrk gA

lkekU;

- 12oh ;k tuk d nkjku lLFkkxr vul/kku d {k=kk dh vko'; drk vk dk /;ku e j[kr g, vfrfjfDr vf/kn'k gkuk pkfg;A
- Pkky ,o uohu vul/kku ifj;k tuk vk dk Ekk leh cnyko dk /;ku e j[k dj #ikUrfjr@ifrikfnr djuk pkfg;A
- ekuo l lk/ku fodkl gr u; oKkfudk dk uohu vul èkku dk'ky e if'kf{kr fd;k tkuk pkfg;A
- Rkduhdk dk vxhdr gku vFkok mudh ckxokuk d [krk e ijh{k.k d vHkko dk v?; ;u fd;k tkuk pkfg;A
- fodflr rduhdk dk ehfM;k d }kjk ykdfi; cuku dk i;kl djuk pkfg;A
- D;- vkj- Vh- }kjk crk; x; vul/kku ;kX; {k=kk e vul èkku ifj;k tuk, fodflr dj mUg ,- vkb- lh- vkj- ih- d fofHkUu jkT; df"k fo'ofo|ky;k d dUnk ij ykx djuk okfg;A

- t ykb 24&25] 2011 dk vk;kft r vu l/kku l ykgdkj dh cBd dh lLrfr;k dk] tk ykx ugh dh x;h g] dk ijk fd;k tkuk pkfg;A

lLFkku vu l/kku lfefr

lLFkku vu l/kku lfefr dh 32oh cBd 16&17 viy 2012 rd lLFkku dh vu l/kku ifj;k tukvk dk lxfBr : i l] lgHkkfxrk ekeyk rFkk mHkMr g, eík dk lckf/kr dju d fy, vk;kft r dh x;hA Mk- ,p- jfo'kdj] fun'kd ,o v/;{k u lHkh i/kku vUo'kdk dh e[; xfrfof/k;k dk o.ku dju dk dgkA

egRoi.k fu.k;

- lLFkku e ve : n dh l?ku ckxokuh ik/k i.kkyh ,o vke e e/;e l?kurk ij in'ku yxku pkfg;A
- vke e u; mHkjr g, uk'khdhV t l yhQ coj] fFkl l] Qy Hknd] 'kV xkyf'kyk rFkk ve : n e Qy Hknd dhV dk yf{kr djuk pkfg;A
- vke e mdBk ,o 'kkYMj ckmfux jkxk ij /;ku nuk pkfg;A
- ckxk e lLrr iLVhlkbM d ik/kk d vUnj fNrjko] LFkkukUrj.k ,o cuu oky mip;k dk v/;;u fd;k tkuk pkfg;A
- dhV ,o jkxuk'kd jlk;u ik;kfxd ckxk e l{e thok dh fØ;k'khyrk dk v/;;u fd;k tkuk pkfg;A

lh-vkb-,l-,p- d lLFkku vu l/kku lfefr dh 33oh cBd 19&21] 26&27] 29 uocj] 3&4] 6&7 rFkk 11&14 fn lcj 2014 dk Mk- ,p- jfo'kdj dh v/;{krk e vuekfnr rduhdh dk;Øe ,o miyfC/k;k d fo"k; e tkjh vu l/kku dk;k dh leh{kk d fy; vk;kft r dh x;hA vkb-vkj-lh- d v/;{k u ekle ijkehVj d lnHk e cnyr ifjn'; dk o.ku fd;kA

vkb-vkj-lh- cBd

mUgku y?k ,o nh?k dkfyd vu l/kku ;k tukvk d }kjk mRiknd lenk; d fy, fo'k"k : i l rFkk lkekft d eík l lcf/kr mnh;eku leL;kvk d lek/kku dh vko';drk ij cy fn;kA v/;{k egkn; u vkx o.ku djr g, dgk fd{k; gk jg ikdfrd l lk/kuk lc/kh eí rFkk ckxokuh vu l/kku dh fodk l ,o l rr ckxokuh vk/kkfjr Qkfex i.kkyh egRoi.k gA ; ckxokuk d vkfFkd ykHk d fy, egRoi.k eí gA mUgku ;g Hkh dgk fd lgHkkfx;k d eík rFkk leL;kvk d lek/kku d fy, lkefgd i;kl d fy; vu l/kku ifj;k tukvk d iujfHkU;k l ij fopkj fd;k tkuk pkfg,A

Qly l/kkj ,o t o ik|kfxdh iHkkx

- mHkjr g, t yok;dh; xfrdh d ifjn'; e ikjifjd ikni i tuu dk l{e fo'y"k.k dju dh vko';drk gA
- vke e lk;koj.kh; ifrjk/kdrk] fu;fer Qyu ,o fodfr dh ikFkfedrkvk dk r; djuk pkfg;A
- ij n'k e vke d xEEkk fodfr d lnHk e lpuk ,d=k djuk pkfg;A
- yo.k ifrjk/kh eyoUr 13&1 d vkuof'kd i"BHkfe dh xgu iMrky gkuh pkfg;A
- yo.k ifrjk/kdrk d ifji{; e eyoUr i tuu dk;Øe pykuk pkfg;A
- lLFkku }kjk fodfl r mdBk jkx ifrjk/kh ve : n d ldj eyoUr dk xgu v/;;u gkuk pkfg;A
- lLFkku dh lQy rduhdk l tM vkdMk dk ,d=k djuk pkfg;A
- x.koRrk oky i ihrk mRiknu gr Hkfe d ik"kd rRok dh tkudkjh dk miyC/k djkuk pkfg;A
- cy e lk;koj.kh; xfrdh ¼ikyk½ ,o vfu;fer ifjiDou d v/;;u dh vko';drk gA

Qly mRiknu iHkkx

- rkieku lc/kh ,frgkfld vkdMk dk ,d=k dj mudk Qlyk ,o Qyu l lc/k LFkkfir dj vku oky le; e iokueku lc/kh ik#i r;kj fd;k tk;A
- vke d of) ,o fodk l dh fofHkUu voLFkkvk d ik"k.k lc/kh vko';drkvk dh igpku dh tk;A
- Qly rMkb d ckn ik"k.k lc/kh ØkfUrd vko';drkvk dk vxy lky d Qly iku d fy, irk yxkuk pkfg,A

- fofHkUu ik"kd rRok dk Lrj dk ekfld vk/kkj ij fodflr dju dh vko';drk gA
- ik/kk dh dkV&NkV dk tM ,o ruk ij fdl vuikr e rFkk l{e thok dk LRkj ij D;k vlj iMrk gd kv?;;u fd;k tkuk pkfg;A
- ey&ijkg lc/kk dk le>u gr ekQk& tufVd ifrfØ;k ij ekleh dkjdk dk v/;;uA
- fofHkUu ?kVdk@fuo'kk dh mRikndrk dk e[; rFkk vUr%Qly dk lnHke v/;;ufd;k tkuk pkfg;A ft le uk'kh tho ,o jkx xfrdh] Qly dVkb lpdkd rFkk vkfFkd fo'y"k.k dk leko'k gkuk pkfg;A
- o{k d N=k i e ifjoru dk vUr%Qly d in'ku d ifji{; e oLrxr :i l vUof"kr djuk pkfg;A
- vUr%Qly ,o ;Xe Qly d ;Xed iHkko dk Hkh v?;;u djuk pkfg;A
- forku foxyu ,o th.kk)kj d oKkfud igyvk dh 0;kid 0;[;k dh tkuh pkfg;A
- dUnh; mik".k ckxokuh lLFkku }kjk fodflr ve:n d fdLek d y?k] e/;e ,o cM ckxokuk }kjk viuku ,o iHkko dk iy[ku gkuk pkfg;A
- lcf/kr ykHkkfFk;k dk MVkcl 'kh?krk l fodflr fd;k tkuk pkfg;A
- rduhdh vUrj dk foopukRed v/;;u ,o bl dk fuEu Loh dkfjrk vFkok vLoh dkfjrk d dkjdk dk fpfUgr fd;k tkuk pkfg;A

Qly lj{kk iHkkx

- vke d tkyk dhV] 'kVxky lk;yk vkj Qyc/kd dhVk dh tfodh ij] budoreku e c<g, egRo d vu:i] lfoLrkj v/;;u fd;k tkuk pkfg,A tkyk dhV d icUèku gr ,dUrj vkj vkfFkd Loh dk;rk oky dhV ukf'k;k dk ijh{k.k fd;k tkuk pkfg,A
- vke d mdBk jkx dk v/;;u bl iHkkfor dju oky dhVk d lkFk li.krk iod fd;k tkuk pkfg,A ,d dkjd d :i e ckfV;kfMiykfM;k vkj enk e rkck rRo dh deh dk mdBk jkx d gku ij iHkko dk Li"V fd;k tkuk pkfg,A
- LFkkfir ,o mHkjr g, Qly uk'kh thok dh xfrdh dk ekle xfrdh d lcU/k e fu.kk;d :i l v/;;u fd;k tk;A
- ve:n dk mdBk jkx pukrh cuk gvk gA vko';d g fd jkx xLr {k=kk e bl d fodflr gku dh vk/kkjHkr ifØ;k dk bl iHkkfor dju oky dkjdk d lcU/k e le>k tk;A
- u;s thouk'kh jklk;uk d i;kx dh lLrfr i;kIr 'kk/k d mijkr gh dh tkuh pkfg,A
- uk'kh thok ij v/;;u gr ekle xfrdh d lcU/k e ikFkfedrk d vk/kkj ij vkdM lxfgr fd;s tku pkfg,A
- l;s d idk'k e vojk/k vkj jkxk dh xHkhjrk d lg&lcUèk d v/;;u ij egRo fn;k tkuk pkfg,A

rMkbZ mijkr ic/ku foHkkx

- vke d xn dk HkMkj.k v/;;u LFkkfir@0;olkf;d fdLek e gh djuk pkfg,A
- euMV Qy Qlyk rFkk mud telykTe d ik"kd@U;VkL;fVdy eY;k@tofØ;k'khy inkFkk d v/;;u dk vkjHk djuk pkfg,A tofØ;k'khy inkFk^Y;fivky*gr vke d tufVdfjkl dk ikQkby dju dh vko';drk gA
- mPp ik"kd@U;VkL;fVdy eY;k gr fefJr eY; o/kd mRiknk d fodkl dh lHkkouk ij dk; djuk pkfg,A
- eY; o/kd inkFk d mRiknu e 'kDdj d mi;Dr fodYi d :i e ^LVhfo;k* d mi;kx dh vko';drk gA
- uohu mRiknk d fodkl dh lHkkoukvk dh ryk'k dju pkfg,A dN fo'k"k eo d lkFk Qyk d ckj@fefJr Qy ckj@tkeu Qy ckj d fodkl dh lHkkoukvk ij /;ku nuk pkfg, rFkk mud ik"kd@U;VkL;fVdy eY;k dk vfHkyf[kr djuk pkfg,A
- Fkykcnh d lkFk ifjofrr l{e okrkoj.k lc/kh tkudkjh dh vko';drk gA
- Ykk[k vk/kkfjr beY'ku dk Qy dkfVx d :i e i;kx ij fopkj djuk pkfg, D;kfd ;g vU; Qy Qlyk e lQy ik;h x;h gA
- bFkhyhu vo'kk"kd Fkyk rFkk bFkhyhu vo'kk"kd ykbfux ;Dr lh-,Q-ch- cDlk dk fodkl djuk pkfg,A
- jkbtkLQ;j e l{etho }kjk dhVuk'kdk d Qyu l lcf/kr y{; v/;;u vkjHk dju dh vko';drk gA

- vke ,o ve:n dh ckt+kj xfr'khyrk lc/kh xkoj ,Mkkbljh dk fodkl djuk pkfg,A fdlkuk@0;kikfj;k di;kx gr Vfeuy ckt+kjk e Qyk dh miyC/krk lc/kh ckt+kjh; lpuk r=k dk fodkl djuk pkfg,] rkfd fdlkuk@0;kikfj;k dh Hkykbl gk ldA
- n'k d fofHkUu Hkkxk e leku idkj d vke@ve:n d rkMd ;=kk d fodkl dk /;ku e j[kdj lLFkku d rkMd ;=kk e vkx ifj"dj.k dh vko';drk gA oreku Qy rkMd ;=k d 0;olk;hdj.k dk vkx c<ku dh vko';drk gA
- Vhe&fjlp d ek/;e l LVdgkYMj fo"k;k t l vke e tyh lhM Qke'ku rFkk d/kk dk Hkjkiu rFkk ve:n e foYV jkx dk le>ku dh vko';drk gA

lLFkku ic/ku lfefr

dUnh; mik".k ckxokuh lLFkku] y[kuÅ dh 24oh vkb-,e-lh- cBd fnukd 30 ,o 31 ekp 2013 dk jgeku [kMk@vkj-ch- jkM ifjljk e vk;kftr dh x;hA Mk- ,p- jfo'kdj] fun'kd] lh-vkb-,l-,p-,o v/;{k u vkb-,e-lh- d lnL;k dk Lokxr djr g, fiNyh cBd l oreku le; rd lLFkku }kjk fd;s x;s dk;Øek dk o.ku fd;kA ble lLFkku }kjk fd;s x;s vul/kku@fodkl lc/kh vk;kek ij tkj fn;k x;kA v/;{k egkn; u egkfun'kd Hkk-d-vu-i-] Mk- ,l- v¸;iUu }kjk ^^d"kd iFke** ij/;ku fn;s tku dh fo'k"k ppk dhA rRi'pkr ;g lfpr fd;k x;k fd lLFkku u ckxokuk rd ik|kfxd;k dk igpku d fy, oKkfud&fdlku ijLij lokn rFkk ckxokuk dh vi{kkvk d vul kj ik|kfxd;k dk ifjekft r fd; tku ij tkjfn;kA ;g cBd blfy, Hkh vuBk Fkk D;kfd D;-vkj-Vh- d e lknk d vfUre :i nu Øe e D;-vkj-Vh- ,o vkb-,e-lh- d lnL;k d chp ppk gbA

bl cBd e 23o vkb-,e-lh- dh cBd dh if"V dh x;hA vkb-,e-lh- d lnL;k dk vkj-,-lh- ,o D;-vkj-Vh- dh fVlif.k;k rFkk dk;kUo;u dh ixfr d fo"k; e lf{kIr tkudkjh nh x;hA Qly lj{kk iHkkx e fd;s x;s dk;k dh ixfr dk iLrr fd;k x;kA lLFkku }kjk bl vof/k d nkjku ik|kfxdh gLrkrj.k@{kerk c<ku lc/kh xfrfof/k;k dk Hkh iLrr fd;k x;kA o"k 2012&13 d Qke lc/kh dk;k rFkk jktLo dh tkudkjh v/;{k] Qke ic/ku lfefr }kjk fd;k x;kA X;kjgo lyku ¼2012&13½ rFkk 12o lyku b-,Q-lh- d fy, egRoi.k midj.kk d Ø; lc/kh iLrko Hkh iLrr fd;k x;kA ppk d i'pkr vkb-,e-lh- u 12oh ;kt+k d vUrxr o"k 2013&14 d nkjku egRoi.k midj.kk dk Ø; dju dh lLrfr nhA vkb-,e-lh- d lnL;k dk ctVd bLreky rFkk LVkQ dh inkUufr dh Hkh tkudkjh nh x;hA vkb-,e-lh- d lnL;k uD;-vkj-Vh- d lnL;k d lkFk lLFkku d vul/kku lph ij Hkh ppk dhA vkb-,e-lh- dh cBd d nkjku gh 31-03-2013 dk ,u-,-vkb-ih- d vrxr df"k ik|kfxd;k dh 'kkdflx dk vk;kt+k tufd;k x;kA ble D;-vkj-Vh- d lnL; Hkh lfEEkfyr g,A

lLFkku ic/ku lfefr e lfEefyr gkus okys lnL;x.k

1	Mk- ,p- jfo'kdj] fun'kd] lh-vkb-,l-,p-] y[kuÅ&226 101
2	Jh d-d- 'kek] ftyk ifj"kn] 6&iVy uxj] Hky] cyn'kgj&203 001] ¼m-i-½
3	Jh jktohj flg] edku l- ,&216] ;eukije] Mh-ih-,l- jkM] lkb efnj d fudV] cyn'kgj&203 001] ¼m-i-½
4	Mk- jkt'k dekj] i/kku oKkfud] ,u-vkj-lh- yhph] e'kgjh Qke] et¶Qjij&842 002 ¼fcgkj½
5	Mk uhfyek xx] v/;{k ¼ih-,p-,e-½] lh-vkb-,l-,p-] y[kuÅ&226 101
6	Jh Qhjkt [kku] ofj"B i'kk lfud vf/kdkjh] lh-vkb-,l-,p-] y[kuÅ&226 101

13- oKkfudk dh lEeyuk] cBdk] lfeukj] lxkf"B;k vkfn e Hkkxhnkjh

cBdk

- Mk- ,-d- flg] Mk- euh"k feJ rFkk Jh me'k gnnefu u cXy : fLFkr vkb-vkb-,p- vkj- e iihrk ij vk;kftr jk"Vh; ijke'kd cBd e fgLlk fy;kA ½18 tuojh] 2013½
- Mk- vpyflguy[kuÅ d fidfMyh gkVy e lglkfCn le>krk ij.kknk;d uoioru] lk>k lek/kku 'kh"kd cBd e lfEefyr g,A ½11 vDVcj] 2012½
- Mk- v t ckt ib u fnYyh d ukl ifjlj e ,u-,-vkb-ih-&vkb-,Q-ih-vkj-vkb efLr"d eFku dk;'kkyk e ,u-,-vkb-ih- d vUrxr {kerk c<ku d iHkko d eY;kdu dh i.kkfy;k d vUrxr {kerk c<ku dh lQyrk dh fLFkfr e fjlkl i lu d :i e fgLlk fy;kA ½21 Qjojh 2013½
- Mk- v t ckt ib ,o Jh eRFkdekj ,e- y[kuÅ d lh-,l-Vh- ;-ih-ck;kVd uhfr 2012 e fopkj j[ku d fy;cBd e lfEefyr g,A ½27 Qjojh 2013½
- Mk- n";UrfeJu dk;cVj e rfeyukM df"k fo'ofo|ky;e ckxokuh Qlyk e l?ku ik/kjki.k ,o dukih ic/ku ij vk;kftr jk"Vh; ijke'kd cBd e fgLlk fy;kA ½25 ekp] 2013½
- Mk- dyk'k dekj] d-oh-d-] lhrkij] vcjij e vk;kftr oKkfud lykgdkj lfefr cBd e fgLlk fy;kA ½21 flrcj] 2012½
- Mk- euh"k feJ u Qlyk e Vkltfu Dl ij vkb-lh-,-vkj- dh leh{kk cBd e fgLlk fy;k ,o fjikV iLrr fd;kA ½16 tuojh] 2013½
- Mk- eRFkdekj ,e- uu;h fnYyh d vkb-,-,l-vkj- vkb-e 12oh;k tukd vUrxr ckxokuh e df"kck;kbQkefVd@dl;V'kuy thofoKku d fy, vul/kku xfrfof/k;k dh ikFkfedrk, ij cBd e fgLlk fy;kA ½23 ekp 2013½
- Mk- vkj-,-jke u if'pe cxky d flyhxMh e iFke mÙkj cxky vuUukl in'kuh&2012 e fgLlk fy;kA ½1&3 flrcj] 2012½
- Mk- vkj-,e- [kku uu;h fnYyh d vkb-lh-,-vkj- fLFkr dc&2 e vkj-,Q-Mh- dh e/;kof/k eY;kdu cBd e fgLlk fy;kA ½23 uocj] 2012½
- Mk- vkj-,e-[kku u djuky d ,u-Mh-vkj-vkb-e ih-,e-b- iHkkfj;k dh cBd e fgLlk fy;kA ½7 fnlcj] 2012½
- Mk- vkj-,e-[kku u u;h fnYyh d ukl ifjlj e vkj-,Q-Mh- dh cBd e fgLlk fy;kA ½16 tuojh 2013½
- Mk- oh-d- flg u u;h fnYyh d df"k Hkou e vkpk;txnh'k pUnckl gky e ih-,Q- Mh-lh- dh leh{kk cBd e fgLlk fy;kA ½30 uocj 2012½
- Mk- oh-d- flg u u;h fnYyh fLFkr Hkkjr ljdkj d df"k e=kky; d Mh-,-lh-e ,u-,p-,e-] ,p-,e-,u-b-,p-] ,u-,e-,e-vkb] ,u-,p-ch-rFkk ,u-ch-,e- dh dher lfefr dh cBd e fgLlk fy;kA ½uoEcj 30] 2012½
- Mk- oh-d- flg u nkikyh d ch-,l-d-d-oh- e oUxjy d ,Q-vkj-,l-e vke d mRd"V dUn ij gb cBd e fgLlk fy;kA ½22 tuojh 2013½
- Mk- oh-d- flg u u;h fnYyh d vkb-,-vkj-vkb-e ih-,Q-Mh-lh- dh okf"kd leh{kk cBd e fgLlk fy;kA ½09 tu 2012½
- Mk- oh-d- flg u chdkuj d lVy bLVhV;Vj Qkj ,fjM gkfVdYpj dh lLFkku ic/ku lfefr dh cBd e lnL;d :Ik e fgLlk fy;kA ½19 tu 2012½
- Mk- oh-d- flg u u;h fnYyh d ilk fLFkr ukl ifjlj e ekbØk flpkb ij vk;kftr f}rh; jk"Vh; lHkk e fgLlk fy;kA ½12 flrcj] 2012½
- Mk- ,l-jk tu ,o Jh gnnefu u u;h fnYyh d ,u-ch-ih-th-vkj- e vk;kftr vf[ky Hkkjrh; ik/k itudk dh cBd e fgLlk fy;kA
- lLFkku d lHkh oKkfudk u y[kuÅ d vkb-vkb-,l-vkj- e mÙkj in'k d df"k vul/kku ,o fodkl lHkk rFkk mÙkj in'k fd lku foKku lxe&2012 e fgLlk fy;kA ½23&24 uocj] 2012½

dkxl@lEeyu

- Mk- vpy flg ,o Mk- n";Ur feJu itkc dyf/k;kuk e 5o Hkkjrh; ckxokuh dkxl gkfVdYpj lklkbVh vkQ bfM;k ,o itkc df"k fo'ofo|ky; d lg;kx l vk;kftr vUrjk"Vh; cBd e lfEefyr g,A ¼6&11 uocj 2012½
- Mk- vry fl?kkuu;h fnYyh d bfM;k gchVV lUVj e ekbdkfjfgtkij vk;kftr vUrjk"Vh; lEeyu e fgLlk fy;kA ¼6&11 uocj] 2012½
- Mk- ih-d- 'kDyu ih-,-;-] yf/k;kuk e 5o Hkkjrh; ckxokuh dkxl e fgLlk fy;kA ¼6&7 uocj] 2012½
- Mk- vkj-,-jke u egkjk"V d fl/k nx fLFkr dukdofy e vke ijfd lkuk&oKkfudk d lEeyu e fgLlk fy;kA
- Mk- ,l- jktu] Mk- Mh- ik.M;] Mk- ,-d- flg] Mk- jke] dekj] Mk- euh"k feJ ,o Mk- vt ckt ib u ih-,-;- yfèk;kuk e 5o Hkkjrh; ckxokuh dkxl e fgLlk fy;kA ¼6&9 uocj] 2012½
- Mk- oh-d- flg] Mk- vkj-,-jke] Mk- vpy flg] Mk- ,l- jktu] Mk- ,-d- flg] Mk- jke dekj rFkk Mk- vt ckt ib u vkfM'kk d Hkou'oj e ckxokuh e [kk|] ik"k.k rFkk vkthfodk fodYik ij vk;kftr fo'o lEeyu e fgLlk fy;kA ¼28&31 eb 2012½
- Mk- r:.k vnd uu;h fnYyh d vkb-,-vkj-vkb df"k fofof/kdj.k] ekle e ifjoru ic/ku rFkk vkthfodk vk;kftr 3o vUrjk"Vh; ,xukHkh dkxl e fgLlk fy;kA ¼26&30 uocj] 2012½
- Mk- r:.k vnd u dkydkrk e tho&lk/ku rFkk ruko ic/ku ijigy vUrjk"Vh; lEeyu e Hkkxfy;kA ¼6&9 Qjojh] 2013½
- lLFkku d lHkh oKkfudk u y[kuÅ d vkb-vkb-,l-vkj-e bfM;u QkbVk iFkkykfidy lklkbVh]u;h fnYyh rFkk lh-vkb-,l-,p-] vkb-vkb-,l-vkj- lh-,l-vkb-vkj-¼lhei ,M ,u-ch-vkj-vkb-½ d lg;kx l euftx FkfVfux fMthtt vkQ gkfVdYpjy] efMfluy] ,jkefVd flP;'ku ij vk;kftr jk"Vh; lEeyu e fgLlk fy;kA ¼3&5 uocj] 2012½
- Mk- oh-d- flg u Hkou'oj fLFkr vkfM'kk df"k ,o ik|kfxdh fo'ofo|ky; e vk;kftr X;kjgo df"k foKku dkxl e fgLlk fy;kA ¼7&8 Qjojh] 2013½

ifjlokn@lxk"Bh

- Mk- ,-d- HkVVkpk;u if'pe cxky d ch-lh-d-oh-] dY;kuh e [kk| lj{kkf}o/kk% ik/k LokLF; rFkk ekle e ifjoru d ennk ij vk;kftr vUrjk"Vh; lxk"Bh e fgLlk fy;kA ¼7&9 fnlcj] 2012½
- Mk- vry fl?kkuu;h fnYyh d vkb-,-vkj-vkb-e ih-,y-,Q-,-i)fr }kjk l{e thok dh igpku ij vk;kftr ,d fnolh; ifjlokn e fgLlk fy;kA ¼27 uocj] 2012½
- Mk- n";Ur feJu d-oh-d-] enk] dPN] xtjkr e vk;kftr vke ifjlokn e fgLlk fy;kA ¼15 viy] 2012½
- Mk- n";Ur feJu lh-,l-,l-vkj-vkb-] djuky e jkt Hkk"kk ij vk;kftr jk"Vh; ifjlokn e fgLlk fy;kA ¼13&14 ekp] 2013½
- Mk- n";Ur feJu gfj;k.kk ipdyk d df"k Hkou e ckxokuh foHkkx }kjk vke dh [krh ij vk;kftr jk"Vh; lfeukj e fgLlk fy;kA ¼7&8 tykb] 2012½
- Mk- uhfyek xx rFkk Mk- ,-d- HkVVkpk;th uxtjkr d uolkjh fLFkr ,u-,-;- e m".k dfVc/kh; rFkk mik".k Qyk ij vk;kftr jk"Vh; ifjlokn e fgLlk fy;kA ¼9&11 tuojh] 2013½
- Mk- uhfyek xx u vkfM'kk d Hkou'oj e ckxokuh d fy;[kk|] ik"k.k rFkk vkthfodk fodYik ij vk;kftr fo'o lEeyu e fgLlk fy;kA ¼28&31 eb] 2012½
- Mk- uhfyek xx u y[kuÅ e m|ferk fodk l lLFkku }kjk [kk| i lLdj.k lDVj e mHkjrh iofÙk;k ,o ik|kfxfd;k d ifjlokn e fgLlk fy;kA ¼6&8 tykb] 2012½
- Mk- ih-d- 'kDyu y[kuÅ d vkb-vkb-,l-vkj e euftx FkVfux fMthtt vkQ gkfVdYpjy efMfluy] ,jkefVd ,M QhYM ØkI bufjy'kV pftx Dykbefvd flp,'kU l ij vk;kftr jk"Vh; lxk"Bh e fgLlk fy;kA ¼3&5 uocj] 2012½

- Jherh i"ik d- u y[kuÅ d bfnjk xk/kh ifr"Bku e d&2 th xhu ikboV fyfeVM }kjk vk;kftr QM QLV 2012 e fgLlk fy;kA ¼18&20 vDVcj] 2012½
- Jherh i"ik d- u u;h fnYyh d vkb-,-vkj-vkb- e ifj;ktuk cukuk] fjLd eY;kdu] oKkfud fjikV y[ku rFkk iLrfr ij vk;kftr jk"Vh; if'k{k.k e fgLlk fy;kA ¼11&15 fnlcj] 2012½
- Mk- vkj-,e- [kku u xkok d vkb-lh-,-vkj- ifjlj e ikèk lj{k.k d fy, to ik|kfxdh rjhdk lhek, ,o vol ij vk;kftr 10o jk"Vh; lxk"Bh e fgLlk fy;kA ¼27&29 tuojh] 2013½
- Mk- oh-d- flg u mÙkj in'k ljdkj d ckxokuh ,o [kk| il Ldj.k foHkkx }kjk ioh mÙkj in'k e Qy mRiknu dh lHkkouk, ij vk;kftr jkT; Lrjh; ifjlokn e fgLlk fy;kA ¼04 flrcj] 2012½
- Mk- oh-d- flg u gnjkckn d vkpk; ,u-th- jxk df"k fo'ofo|ky; e lykV fQft;kyk th vkQ fQft;kykftdy ,MekfyD;yj vikpt Qkj Moyie V vkQ Dykbe V fjftfyVkV Økll ij vk;kftr jk"Vh; ifjlokn e fgLlk fy;kA ¼12&14 fnlcj] 2012½

dk;'kkyk

- Mk- ,-d- HkVVkpk; th u u;h fnYyh d vkb-,-vkj-vkb- e vk;kftr vkb-lh-,-vkj- dfeLV lHkk e fgLlk fy;kA ¼14&15 tuojh] 2013½
- Mk- ,-d- HkVVkpk; th u ih-,-;-yf/k;kuk e vk;kftr 5o Hkkjrh; ckxokuh dkxl 2012 e fgLlk fy;kA
- Mk- vpyflgu vkb-,-l-vkj-vkb-]u;h fnYyh e ukMy vf/kdkfj;k d ikt DV dly h'ku dk;'kkyk rFkk bLVky'ku lc/kh if'k{k.k lg&dk;'kkyk e fgLlk fy;kA ¼25&26 tu] 2012½
- Mk- v t ckt ib u u;h fnYyh d ukl ifjlj e Hkkjr e ;okvk dk df"k vul/kku l lc/k }kjk Qkjlkb V ,o ¶;pj ikFkot ij jk"Vh; dk;'kkyk e fgLlk fy;kA ¼1&2 ekp] 2013½
- Mk- n";Ur feJ u vk-;-Vh-] Hkou'oj e ckxokuh Qlyk e mRikndrk c<ku ij vk;kftr jkT; Lrjh; dk;'kkyk e fgLlk fy;kA ¼28&29 uocj] 2012½
- Mk- n";Ur feJ u u;h fnYyh d ukl ifjlj e Qkjlkb V ,M Qnj ikFkot u vkQ ,fxdYpjy fjlp Fk ;Fk bu bfM;k ij vk;kftr jk"Vh; dk;'kkyk e fgLlk fy;kA ¼1&2 ekp] 2013½
- Mk- ,p-lh- oek u vkb-,-l-vkj-vkb] u;h fnYyh e ,p-okb-ih-,e- ij lxkghdj.k&lg&if'k{k.k dk;'kkyk e fgLlk fy;kA ¼ekp 2013½
- Mk- uhfyekxxu cXy: e pkb }kjk 'kgjh ,o)'kgjh ckxokuh ij vk;kftr jk"Vh; dk;'kkyk e fgLlk fy;kA ¼2 ekp 2013½
- Mk- dyk'k dekj u d-oh-d-] irkix< e] tku&4 ,o pUn'k[kj vktkn df"k ,o ik|kfxdh fo'ofo|ky;] dkuij d vUrxr vk;kftr okf"kd dk; ;ktuk rFkk leh{kk dk;'kkyk e fgLlk fy;kA ¼18 vDVcj 2012½
- Mk- dyk'k dekj ,o Mk- n";Ur feJ u ejB d ekfnije fLFkr ih-Mh-,Q-,l-vkj- e rMkb io ik|kfxfd;k d i;kx }kjk vke dk mRiknu ,o Qy dh x.koÙkk c<ku ij vk;kftr fdlku xk"Bh ,o dk;'kkyk e fgLlk fy;kA ¼05 vDVcj 2012½
- lLFkku d lHkh oKkfudk u lLFkku e gh vk;kftr ljk lxkghdj.k dk;'kkyk e fgLlk fy;kA ¼02 Qjojh] 2013½
- lLFkku d lHkh oKkfudk u lLFkku e vk;kftr lgHkkfxrk cBd e fgLlk fy;kA ¼29 fnlcj] 2012½

14- dk;l'kkyk] ifjlEokn] lxk"Bh] bR;kfn dk vk;kstu

Lkxkghdj.k dk;l'kkyk

lLFkku u fnukd 9 viy 2012 dk vke dh ie[k rFkk mHkj jg dhVk ,o jkxk dh leL;k ij ,d lxkgh dk;'kkyk dk vk;kstu fd;kA bl dk;'kkyk e mÙkj in'k d df"k ,o ckxokuh foHkkx d vf/kdkjh] ih-vkb-ch-] Hkkjr ljdkj] y[kuÅ d fdlku ,o oKkfud lfEefyr g,A

dk;l'kkyk&lg&in'kuh

lLFkku u fnukd 12&13 eb] 2012 dk gfj}kj fty d :Mdh bthfu;fjx dkyt e vk;kftr nkfnoh; dk;'kkyk&lg&in'kuh e fgLlk fy;kA

lgHkkfxrk cBd

lLFkku u viu jgeku [kMk ifjlj e 29 fnlcj] 2012 dk lgHkkfxrk cBd dk vk;kstu fd;kA bl dk;Øe dk Fkhe ^^mÙkj in'k jkT; e Qy Qlyk d }kjk ykHk c<kuk** FkkA bl

lgHkkfxrk cBd d nkjku x.kekU; 0;fDrx.k

cBd e jkT; ljdkj d vf/kdkjh] ik/k'kkyk deh] rMkb io Qy dkVDVj] rMkb io ic/kd@lok inku dju oky] iLLdjd] VkLikVj] df"k fuo'k vkifrdrk] ckt kj ,tV d vykok fofHkUu ik|kfxdh fodkl ,tfl;k lfgr vke] ve:n] vkoyk] cy] iihrk ,o tkeu d mRiknu l [kir rd d fofHkUu Qy vkifr dju okyh J[kyk d lgHkkxh lfEefyr g,A bl volj ij ehfM;k d ifrfuf/k;k d lkFk Hkh fopkj&foe'k dk vk;kstu fd;k x;kftle lLFkku e foxr 40 o"kk d nkjku fodflr ik|kfxd;k rFkk vkxkeh vke d ekle d fy, dh x;h tkudkjh dk inf'kr fd;k x;kA

bl volj ij ckyr g, Mk- ,p- jfo'kdj u dgk fd mÙkj in'k dk fofo/k df"k ekle Qy] lCth] dUn Qly] e'k:e] Qy] vk"k/kh; ,o lx/kik/k ,o elkyk d vudfdLek d mRiknu d fy, llk/; cukrk gA bld vykok e/keD[kh ikyu d lkFk [kk| iLLdj.k e Hkh lgk;d g ftlls ijo"k mudh miyC/krk dk;e jgrh g rFkk fu;fer :i ls jktxkj dh ogr {kerk Hkh miyC/k djkrk gA mUgku crk;k fd ckxokuh n'k dh df"k xfrfof/k;k :i e lkeu vk;k gA bldk e[; dkj.k e ie[k ckxokuh Qlyk d {k=kQy ,o mRiknu e of) vkuk gA mUgku vkx crk;k dh ckxokuh Qlyk e ifr bdkb Hkfe lmPp mRikndrk ikIr dju dk ulfxd ykHk gkrk gA blls xkeh.k {k=kk e mPp vk; o jktxkj d volj e of) gkrh gA

bl volj ij Mk- Mh-,l- jkBkj] v/;{k D;-vkj-Vh-] Mk- eFkjk jk;] io fun'kd] vkb-vkb-oh-vkj-] okjk.klh] Mk- ftny] Mk- dkMy rFkk Mk- xkLokeh u fdlkuk dk egRoi.k l>ko fn;k ftlls fd mRiknu ,o mRikndrk dk c<k;k tk ld rFkk [kk| ,o ik"k.k lj{kk dk ikIr fd;k tk ldA

bl dk;Øe e mÙkj in'k d fofHkUu ftyk d fdlkuk u lLFkku d oKkfudk lQy mRiknu fo'k"kdj vke ,o ve:n lc/kh leL;kvk dh ppk dhA Qy mRiknd] lCth mRiknd] m|eh] d-oh-d-] jkT; ljdkj d ckxokuh foHkkx rFkk foRr; lLFkkuk d ifrfuf/k;k u fo'k; fo'k"kKk l ijLijfoe'k fd;k rFkk i'uk d mÙkj ikIr fd;kA lgHkkfx;k dh /kkj.kkvk d e[; fcUnvk dk fo'y"k.k dj mudk lek/kku dh lLrfr dh x;hA

15- fof'k"V vfrfFk

- Mk- Mh- ih- j-] ekuuh; dyifr] vkMh'kk df"k ,o ik|kfxdh fo'ofo|ky;] Hkou'oj&751 003] vkMh'kk ¼18-04-2012½
- Mk- ;kx jkt pkuuk] io v/;{k ,o vodk'k ikIr oKkfudh] ckxokuh foHkkx] ih- ,- ;-] yf/k;kuk] ch&293] Hkkbi j.kh/kj flg uxj] yf/k;kuk&14012] i tkc ¼18-04-2012½
- Mk- okb- ,u- jMMh] io ikQ lj ,o v/;{k ckxokuh foHkkx] vxk:] gnjkckn] yV u- 203] dhFkh jflM lh] ckykthuxj] dVdiYyh gnjkckn&500 072] vk/kin'k ¼18-04-2012½
- Jh ,l- ,l- egrk] v/;{k] vkoyk mRikndrk l?k ,o lfpo] Hkkjrh; ckxokuh l?k] 256] v}r vkJe jkM] Q;jyM] lyhe 636 016] rfeyukM ¼18-04-2012½
- Mk- Mh- ,l- [kfn;k] io v/;{k] rMkbi mijkr iHkkx] vkbi- ,-vkj-vkb] ,l- ,Q- ,l-&149] ikdV&10 lDVj&X1 ¼ilkj½ xkYMu tcyh vikVeV] jkfg.kh] u;h fnYyh&110 085 ¼18-04-2012½
- Mk- ih- ,y- ljkt iHkkj lgk;d egkfun'kd ¼ckxokuh&I½] vkbi- lh- ,-vkj- df"k vul/kku Hkou&II] ilk u;h fnYyh&110012 ¼18-04-2012½
- Jh jktohj flg] gkm lu- ,&216] ;eukije] Mh- ih- ,l- jkM] lkbi efnj cyUn'kgj d fudV&203 001] ;- ih- ¼18-04-2012½
- Jh jktho dij] vkb- ,- l-] i/kku lfpo ¼df"k½ mRrj in'k ljdkj] y[kuÅ ¼01-06-2012½
- Jh fot ; idkj JhokLro] fun'kd] jkT; df"k ,o ic/k lLFkku] jgeku[kMk] ikLV dkdkjh] y[kuÅ&226 101 ¼01-06-2012½
- Jh jktu 'kDy] vkb- ,- l-] lfpo ¼ckxokuh ,o [kk| ilLdj.k] mRrj in'k ljdkj] y[kuÅ&226 001½ ¼19-06-2012½
- Mk- ,l- lkykeu] fun'kd] Hkkjrh; xUuk vul/kku] lLFkku] ikLV fnyd'kk] y[kuÅ&226 002 ¼21-06-2012½
- Mk- jktUn ilkn] ifj;ktuk fun'kd] ch t vul/kku fun'kky; ikLV ckDl l- 11] dgekj xke] ikLV dFkkyh] eÅ&275 101] ;- ih- ¼29-06-2012½
- Jh gjUn flg] ofj"B vkb- ih- ,l-] lgk;d egkfun'kd ¼vfHk;ktu½] mRrj in'k ljdkj] xkerh uxj] y[kuÅ& 226 010 ¼19-07-2012½
- Jh jtu 'kDy] vkb- ,- l] lfpo] ckxokuh ,o [kk| ilLdj.k] mRrj in'k ljdkj] y[kuÅ&226 001 ¼19-06-2012½
- Jh lnkdkUr] vkb- ,- l- i/kku lfpo] lekt dy;k.k] mRrj in'k] dejk l- 424] pkFkh efty] cki Hkou] y[kuÅ&226 001 ¼19-07-2012½
- Mk- ,l- v¸;liu] lfpo M;j rFkk egkfun'kd Hkkjrh; df"k vul/kku lLFkku] u;h fnYyh ¼10-08-2012½
- Mk- ,e- ehuk dekjh] mi egkfun'kd ¼eRL;½ Hkkjrh; df"k vul/kku ifj"kn] u;h fnYyh ¼10-08-2012½
- Mk- eFkjk jk;] io fun'kd Hkkjrh; lCth vul/kku lLFkku] okjk.klh ¼10-8-2012½
- Mk- t-d- tuk] fun'kd jk"Vh; ekfRldh vkuof'kdh lkèku C;jk] duky fjx jkM] ryhckx] ikLV vkfQl fnyd'kk] y[kuÅ&226 002 ¼10-08-2012½
- Mk- ,l- lkykeu] fun'kd Hkkjrh; xUuk vul/kku lLFkku] ikLV vkfQl fnyd'kk] y[kuÅ&226 002 ¼10-08-2012½
- Mk- ,l- ,-p- vkfcnh] io lnL;] ,- l- vkj-ch-] lh- ,e 11] lDVj&ch] vyhxt] y[kuÅ 260 020 ¼10-08-2012½
- Mk- ,l- d- ik.M] io fun'kd] dUnh; vky vul/kku lLFkku] f'keyk ¼10-8-2012½
- Mk- vkj- ih- flg] io dyifr] egkjk.kk irki df"k ,o ik|kfxdh fo'ofo|ky;] mn;ij ¼10-8-2012½
- Jh ih- ukjk;u] lnL;] ih- vkj- ,Q- vkj- ,- iyDdM&674 108] djy ¼20-10-2012½
- Mk- vtfy ikBd] 433] [kje uxj] y[kuÅ&226 022 ¼20-10-2012½
- Mk- xkre dYy] io mi egkfun'kd ¼ckxokuh½ vkb- lh- ,-vkj- rFkk io dyifr] t- ,u- d- oh- oh-] ,u&8&236@ vkj-&11] x.k'k /ku dkykuh] lUnj uxj d utnhd] okjk.klh ¼29-01-2013½
- Mk- vkj- d- ikBd] io fun'kd] lh- vkb- ,l- ,p-] 3@40] U;; fogkj lgkjk LVV] tkudhije] y[kuÅ&226 021 ¼29-01-2013½

16- dkfeld

,p- jfo'kdj] ih,p-Mh-
fun'kd

oKkfud

Qly l/kkj ,o toik|kfxdh iHkkx

,l- jktu] ih,p-Mh-
v/;{k

noUn ikM] ih,p-Mh-
i/kku oKkfud ¼ckxokuh½

,-d- flg] ih,p-Mh-
i/kku oKkfud ¼ckxokuh½

jke dekj] ih,p-Mh-
i/kku oKkfud ¼ckxokuh½

vt ckt ib] ih,p-Mh-
ofj"B oKkfud ¼tufVDl ,o lkbVktufVDl½

euh"k feJ] ih,p-Mh-
ofj"B oKkfud ¼ckxokuh½

,p- lh- oek] ,e- lh- ,-
oKkfud ¼ofj"B orueku½ ¼d- ,liyhd'ku½

eRFkdekj ,e-] ,e-, l lh-
oKkfud ¼toik|kfxdh½

fufe"kk 'kek
oKkfud ¼toik|kfxdh½
¼fnukd 05-07-2012 rd½

me'k gnneuh] ,e-, l lh- ¼, th-½
oKkfud ¼ik/k ituu½

Qly mRiknu iHkkx

dyk'k dekj] ih,p-Mh-
i/kku oKkfud ¼enk foKku½ ,o iHkkjh v/;{k

oh-d- flg] ih,p-Mh-
i/kku oKkfud ¼ikni nfgdh½

vkj-,- jke] ih,p-Mh-
i/kku oKkfud ¼ckxokuh½

,l-d- 'kDy] ih,p-Mh-
i/kku oKkfud ¼ckxokuh½

vpy flg] ih,p-Mh-
ofj"B oKkfud ¼df"k lkf[;dh½

cjlkrh yky] ih,p-Mh-
ofj"B oKkfud ¼df"k foLrkj½

Jh/kj xVe] ih,p-Mh-
ofj"B oKkfud ¼ikni nfgdh½

lHkk"k pUn] ,e-,-
oKkfud ¼p;u J.kh½ ¼df"k foLrkj½

n";Ur feJ] ih,p-Mh-
oKkfud ¼ofj"B orueku½ ¼ckxokuh½

vry fl?kk] ih,p-Mh-
oKkfud ¼df"k l{e- tfodh½

r#.k vnd] ih,p-Mh-
oKkfud ¼enk Hkkfrdh@ty lj{k.k½

Q l y l j{kk i Hkkx

vkj-ih- 'kDy] ih,p-Mh-
i/kku oKkfud ¼df"k dhV foKku½ ,o v/;{k
¼fnukd 31-10-2012 rd½

vkj-,e- [kku] ih,p-Mh-] ,Q-ih-, l-vkb-
i/kku oKkfud ¼l{e dfe½
¼fnukd 31-10-2012 l½

ch-d- ikM] ih,p-Mh-
i/kku oKkfud ¼ikni jkx foKku½

ih-d- 'kDy] ih,p-Mh-
ofj"B oKkfud ¼ikni jkx foKku½

,p- d lo dekj] ,e-, l lh-
oKkfud ¼l{e dfe½

Ckkyk th jk t dekj] ,e-, l lh-
oKkfud ¼ikni dhV foKku½
¼fnukd 02-05-2012 l½

x.Mlik] ih,p-Mh-
oKkfud ¼df"k dhV foKku½
¼fnukd 10-10-2012 l½

r M kb mi jkUr i c/ku i Hkkx

uhfyek xx] ih,p-Mh-
v/;{k

Mh-d- VMu] ih,p-Mh-] ,Q-,p-, l-vkb-
i/kku oKkfud ¼t o j l k;u½

v t ; oek] ih,p-Mh-
i/kku oKkfud ¼df"k vFk-½

,-d- HkVVkpk t h] ih,p-Mh-
ofj"B oKkfud ¼df"k j l k;u½

vfuy dekj oek] ,e-Vd-
oKkfud ¼p;u J.kh½ ¼,Q-,e- ,o ih-½

Hkkj rh fdYykMh] ih,p-Mh-
oKkfud ¼ckxokuh½

i"ik d-] ,e-, l lh-
oKkfud ¼[kk| ,o ik"k.k½

ifj;k t uk leUo;u i dk"B ¼mik".k Qy½

,-d- feJ] ih,p-Mh-] ,Q-ih-, l-vkb-]
,Q-vkb-, l-,e-ih-ih-
ifj;k t uk leUo;d

?ku';ke ikM] ih,p-Mh-
i/kku oKkfud ¼ckxokuh½

jkd'k pUn] ,e-, l lh-
oKkfud ¼p-J-½ ¼df"k lkf[;dh½
¼fnukd 31-03-2012 rd½

Rkduhdh

, l-d-, l- jk?ko] ih,p-Mh- ¼df"k½
e[; rduhdh vf/kdkjh ¼Qke ic/ku½

vkj-ih- 'k[okj] ch-, l lh- ¼df"k½
e[; lgk;d rduhdh vf/kdkjh ¼i;kx'kkyk½

l rk"k dekj] ,e-, l lh- ¼df"k½
e[; lgk;d rduhdh vf/kdkjh ¼Qke ic/ku½

j?kchj f lg] ih,p-Mh-
e[; lgk;d rduhdh vf/kdkjh ¼Qke ic/ku½

l t ; dekj] ,e-, l lh-
e[; lgk;d rduhdh vf/kdkjh ¼i;kx'kkyk½

vHk; nhf{kr] ,e-,l lh-
e[; lgk;d rduhdh vf/kdkjh ¼i;kx'kkyk½

foukn dekj flg] ih,p-Mh-
e[; lgk;d rduhdh vf/kdkjh ¼i;kx'kkyk½

Mh-d- 'kDy] ,e-Vd-
e[; lgk;d rduhdh vf/kdkjh ¼i;kx'kkyk½

j[kk pkjfl;k] ch-,l lh-
e[; lgk;d rduhdh vf/kdkjh ¼i;kx'kkyk½

vfuy dekj flg] ,e-,l lh-
e[; lgk;d rduhdh vf/kdkjh ¼i;kx'kkyk½

,l-d- v:.k] ch-,l lh- ¼df"k½
ofj"B rduhdh vf/kdkjh ¼i;kx'kkyk½

vke idk'k] ch-,M-] ih,p-Mh-
ofj"B rduhdh vf/kdkjh ¼i;kx'kkyk½

inhi dekj dyJ"B] ch-,l lh-
ofj"B rduhdh vf/kdkjh ¼i;kx'kkyk½

jkeUn frokjh] ch-Vd-
ofj"B rduhdh vf/kdkjh ¼df"k vfHk-½

cgknj flg] fMlykek ¼okrk- ,oa i'kq½
ofj"B rduhdh vf/kdkjh ¼i;kx'kkyk½

jke ljw] ch-,l lh- ¼df"k½
ofj"B rduhdh vf/kdkjh ¼i;kx'kkyk½

lh-ih- f}onh] ,e-,-
ofj"B rduhdh vf/kdkjh ¼i;kx'kkyk½

ch-ih- 'kDy] ,e-,l lh-] ,y-,y-ch-]
ch-t-,e-lh-
ofj"B rduhdh vf/kdkjh ¼i;kx'kkyk½

pUnHkkx] ch-,l lh-
rduhdh vf/kdkjh ¼i;kx'kkyk½

,p-jgeku] ch-,Q-,- ¼okf.kfT;d dyk½
rduhdh vf/kdkjh ¼dyk½

cge iky] fMlykek ¼df"k foLrkj½
rduhdh vf/kdkjh ¼i{k=k½

jke vorkj] bUVj ¼df"k½
rduhdh vf/kdkjh ¼i{k=k½

vjtuh dekj] ch-,-
rduhdh vf/kdkjh ¼i{k=k½

v;k/;k iylkn
rduhdh vf/kdkjh ¼pkyd½

ek'kd vyh
rduhdh vf/kdkjh ¼od'kki½

vjfon dekj] ,e-,l lh- ¼df"k½
rduhdh vf/kdkjh ¼i;kx'kkyk½

ihfr 'kek] ,e-,l lh-] ,e-fQy-
rduhdh vf/kdkjh ¼i;kx'kkyk½

xxk ljw] ch-,-]
fMlykek ¼df"k foLrkj½
rduhdh vf/kdkjh ¼i;kx'kkyk½

i'kq lfud

Qhjkt [kku] ,e-,l lh- ch-,M-
ofj"B i'kq lfud vf/kdkjh

/khjt 'kek] ,e-,- ¼vxtHk½] ih-th-t-,e-lh-
lgk;d fun'kd ¼jkt Hkk"kk½

th-Mh- vekyk] ch-,-] ,y-,y-ch-
foRr ,oa y[kk vf/kdkjh

jke uj'k
futh lfpo

17- vU; lpuk,¡

lxkgdj.k dk;Øe

lLFkku u vÅ&eÅ xko d ckt kj e fnukd 10 eb 2012 dk ,u-,-vkb-ih- ifj;kt uk d vUrxr xkfCyu QM l ikboV fyfeVM] ecb dh lk>nkjh e vke e rMkb io ,o mijkUr j[kj[kko] foi.ku] eY; o/ku ,o m|ferk fodkl ij lxkgdj.k dk;Øe ^^?kjy ,o fu;kr ckt kj d fy, vke ,o ve:n ij eY; J[kyk** 'kh"kd dk vk;kt u fd;k x;kA

gkfV&,D l ik

lLFkku d oKkfudk u y- vfer flg eekfj;y ¼,-,l-,e-½ QkmUM'ku] u;h fnYyh }kjk fnukd 28&31 eb 2012 rd vkMh'kk df"k ,o ik|kfxdh] Hkou'oj e vk;kf t r gkfV&,D l ik e fgL l k fy;kA lLFkku u in'kuh yxkdj viuh ik|kfxfd;k dk Hkh inf'kr fd;kA

t kx:d rk dk;Øe

lLFkku u fnukd 8 tu 2012 dk y[kuÅ e dkdkjh d uohuxj e vke dh rMkb ,o jkbifux pcj dh lgk;rk vke idku ij t kx:d rk dk;Øe vk;kf t r fd;kA

vke egkRl o 2012

lLFkku u fnYyh d ihreijk fLFkr fnYyh gkV e fnYyh i;Vu ,o ;krk;kr fodkl fuxr fyfeVM d rRoko/kku e fnukd 6&8 t ykb 2012 dk vk;kf t r vke egkRl o 2012 e fgL l k fy;kA bl egkRl o dk mn?kkVu Mh-Vh-Vh-Mh- lh- u;h fnYyh d v/;{k Jh euh"k pFkjr }kjk fd;k x;kA bl egkRl o e nkjku vud dUn ,o jkT; Lrjh; lLFkkvku vke dh fdLek

Mk- ,l- v,;liu] egkfun'kd] Hkk-d-vu-i- lckf/kr djr g,

dk in'ku fd;kA bl volj ij lh-vkb-,l-,p u Hkh vke dh 200 fdLek dk inf'kr fd;kA lLFkku }kjk iUuk cuku dh nk idkj l inf'kr fd;k x;k f t l dk ldMk dh l[;k e ykxk u mRlkgiod n[kkA ,l-Mh-,l-,p-&lh-vkb-,l-,p-u uk l d vkj-MCy-,-d lg;kx l fnukd 6 t ykb 2012 dk fnYyh d uk l ifjlj e vke in'kuh&lg&egkRlo dk vk;kt u fd;kA

vke xk"Bh

lLFkku u fnukd 9 t ykb 2012 dk gfj}kj fty d Hkokuh ij Cykd e jk"Vh; ckxokuh ckM rFkk jkT; ckxokuh foHkkx }kjk vk;kf t r ,d&fno lh; vke xk"Bh e fgL l k fy;kA xk"Bh dk mn?kkVu ekuuh; dUn; df"k [kk| i l Ldj.k m|kx rFkk l lnh; ekeyk d jkT; e=kh] Jh gjh'k jkor th }kjk fd;k x;kA e=kh egkn; dk Lokxr djr g, fun'kd] lh-vkb-,p-,p u lLFkku }kjk fodflr rMkb io ,o mijkUr ik|kfxfd;k dh foLrkj l tkudkjh nhA vol j ij Mk- Mh-d-VMu] Mk- vkj-ih- 'kDy] Mk- dyk'k dekj ,o Mk- ch-d- ik.M }kjk FkhefVd 0;k[;ku fn;x;A fd l kuk d ykHkkFk vke ,o j l hyk d j[kj[kko rFkk Hk.Mkj.k ij y?kfQYe fn[kk;x;A

lLFkku u vke dh fdLek mRiknk rFkk rMkb mijkUr vke d j[kj[kko rFkk rMkb d nkjku i;kx fd; tku oky midj.kk dk inf'kr fd;kA

i;kx'kkyk miHkou dk mn?kkVu

dUnh; mik".k ckxokuh lLFkku] y[kuÅ e fnukd 10 vxLr] 2012 dk lfpo M;j ,o egkfun'kd] vkb-l h-,-vkj-] u;h fnYyh }kjk f}rh; d df"k lfo/kk] lpuk dUn] vk.kfod tho foKku i;kx'kkyk rFkk vk.kfod unkfud d ,d i;kx'kkyk miHkou dk mn?kkVu fd;k x;kA miHkou dk mn?kkVu djr g, Mk- ,l- v,;liu u dgk fd vul/kku lLFkkuk d fy, cfu;knh lfo/kk, rFkk ekuo l lk/ku fodkl nkuk egRoi.k gA

efgykvk d l'kfDrdj.k d fy, Qyk ,o lfCt ;k d eY;o/ku ij if'k{k.k dk;Øe

lLFkku u fnukd 27 fnlcj 2012 dk eky d lR;Un fMxh dkyt e ?kjy ,o fu;kr ckt kj d fy, vke rFkk ve:n

dfy, eY; Ük[kyk 'kh"kd ,u-,-vkb-ih- ifj;ktuk dv Urxr efgykvk dl 'kfDrdj.k dfy, Qyk ,o lfÇt ;k deY; oèku ij ,d fnolh; if'k{k.k dk;Øe dk vk;ktu fd;k x;kA bl if'k{k.k dk;Øe e vkl&ikl d {k=kk dh yxHkx 200 efgykvk u fgL lk fy;kA

bl if'k{k.k dk;Øe dk e[; mí'; m|ferk fodkl d fy, mÙkj in'k d il Ldj.k volj k d fo"k; e efgykvk fdlkuk dk lfpr djkuk FkkA mÙkj n'k e vke dk lokf/kd mRiknd jkT; gA ;gk Qyk] lfÇt ;k ,o e'k:e lfgr vU; ckxokuh Qlyk dh {kerk gA nHkkX;o'k] lkeU; ckxokuk dh foÙkh; fLFkfr dkQh [kjkcg rFkk vud ckxoku fujUrj dt dh fLFkfr e gA f}rh; gfjr ØkfUr dh 'k:vkr rc rd ikjHk ugh gk ldrh tc rd df"k dk ,d odfYid m|e ugh cuk;k tkrk gA vke iêh gku d ckotn bl {k=k e il Ldj.k m|kxk dh l[;k dh deh gA egkjk"V ,o xtjkr t l jkT; k e xkeh.k Lrj ij ckxokuh Qlyk l lc/kh eY;o/ku e fd; x; igy d dkj.k efgykvk dk dkQh ykHk gvk gA mÙkj in'k e gky e oreku lkekftd ifjn'; e i;kl ,o ij.kk d lkFk l lkè; uhfr;k rFkk foÙkh; leFku dh L=kh 'kfDr legk dk vko';drk g ij bl fo"k; ij cy fn;k x;kA

ljk lxkgh dj.k dk;Z'kkyk

dUnh; mik".k ckxokuh lLFkku] y[kuÅ e fnukd 2 Qjojh] 2013 dk ,u-,-vkb-ih- mi&ifj;ktuk d vUrxr dlkfV;e Qkj&b&fjlkl t bu ,xhdYpj ij ,d dk;'kkyk dk vk;ktu fd;k x;kA bl ifj;ktuk d i/kku vUo"k.k Mk-,p- pUn'k[kju uoKkfudk dk bld ykHk d ckje crk;kA mifLFkr lnL;k dk Lokxr djr g, fun'kd] Mk-,p- jfo'kdj u dlkfV;e Qkj b&fjlkl t bu ,xhdYpj dh vo/kkj.kk rFkk miyC/k lfo/kkvk dh lf{kIr tkudkjh nhA ble y[kuÅ fLFkr vkb-lh-,-vkj- d lLFkkuk d oKkfud lfEefyr g,A

df"k ikS|kfxd;k dh 'kkdflx ,oa ehfM;k ehV

dUnh; mik".k ckxokuh lLFkku] y[kuÅ uHkkjrh; df"k vul/kku ifj"kn] u;h fnYyh] df"k vul/kku ,of'k{kk foHkkx] df"k e=kky; Hkkjr ljdkj d ^ekfcykbftx ekl ehfM;k likV&,e-,-vkb-ih-&Qkj 'k;fjx ,xk&bQke'ku** d vUrxr 30 ekp 2013 dk ,d fnolh; df"k ik|kfxd;k dh 'kkdflx ,oa ehfM;k ehV dk vk;ktu fd;kA bl dk;Øe e vke dh mRikndrk ,o x.koÙkk c<ku ij fo'k"k cy fn;k x;kA bl volj ij ,d fdlku xk"Bh dk vk;ktu fd;k x;k ft le ifl) oKkfud] fo'k"kK rFkk mRiknd] ckt kj d ifrfuf/k] foÙkh; lLFkk, lfgr lgHkkfx;k u feydj vkxkeh ekle e vke mRiknu dh x.koÙkk ,o l[;k c<ku l lcf/kr vFkkik; dh lHkkoukvk dk ryk'kkA bl dk;Øe d nkjku mUur df"k ik|kfxd;k] fuo'k] fofHkUu ljdkjh@xj&ljdkjh lxBuk d mRikn] ,xk buiV vkifrdrkvk d 'kkdflx d fy, in'kuh dk vk;ktu fd;k x;kA bl volj ij Mk- Mh-,l- jkBkj] lh-vkb-,l-,p- d D;-vkj-Vh- d v/;{k e[; vfrfFk FkA

bl volj ij vfrfFk;k ,o vke mRiknd k dk bl Lokxr djr g, lh-vkb-,l-,p- d fun'kd] Mk- ,p- jfo'kdj u vke mRiknd k dk lykg nh fd vku oky ekle e vke dh x.koÙkk oky mRiknu d fy, o lLFkku }kjk fodflr ik|kfxd;k dk i;kx djA mUgku dgk fd foxr 40 o"kk d nkjku ckxokuh dh l?ku xfrfof/k;k d dkj.k vud dhV ,o jkxk dh ?kVuk] ip.Mrk ,o 0;ogkj e of) gb gA mUgku dgk fd iLVh lkbM d v/kk/k/k i;kx vke m|kx d fy, fpUrk dk fo"k; gA fdlku Qyu ,o Qyr oky vof/k e vko';drk l vf/kd j lk;u dk fNMdko dj jg g ft l lu doy i;koj.k inf"kr gk jgk g cfYd fo"ky vo'k"k dk Lrj c< jgk gA

bl volj ij fdlkuk d ykHkkFk ljdkjh@xj&ljdkjh lxBuk rFkk futh m|kxk u in'kuh d 24 LVky yxk; ft ld }kjk o viuh ik|kfxdh] fuo'k] e'khuj] mRikn vkfn inf'kr dj ldA vke mRiknd k ,o Ørkvk d chp ,d okrkvk; kft r dh x;h ft l ckt kj l lid cukdj fdlkuk d Qk;n dk c<k;k tk ldA

fgUnh pkjuk ekl rFkk vU; fgUnh xfrfof/k;k

lLFkku }kjk 14 fl rcj l 12 vDVcj 2012 rd fgUnh pruk ekl dk vk;ktu fd;k x;kA dk;Øe dh 'k:vkr fgUnh fnol lekjkg l gbA bl vof/k d nkjku 'kCnkoyh] Vd.k] fucU/k] okn&fookn vkfn ifr;kfxrkvk dk vk;ktu fd;k x;kA lekiu lekjkg d e[; vfrfFk vkj-,-;-] il k d io dyifr] Mk- lhrkjke flg FkA bl volj ij mUgku fgUnh dh egÙkk ij id'k MkykA fgUnh pruk ekl d vykok lLFkku d vfèkdkfj;k@depkfj;k e fgUnh d ipkj&il kj d fy, cBdk ,o dk;'kkykvk dk vk;ktu fd;k x;kA

18- ekSle lwpdkad

dsUnzh; mik".k ckxokuh lLFkku ¼lh vkbZ ,l ,p½] jgeku [kMdk] y[kuÅ esa nt fd, x, vkSlr ekfld ekSle lwpdkad ¼viSy 2012&ekpZ 2013½

egheuk	rkieku ¼fMxh lsfYl;l½		vkisf{kd vknzrk	/kwi f[kyus gksus dh vof/k	iou ox	dqy o"kkZ	lex ok"ihdj.k
	vf/kdre rkieku	U;wure rkieku	%	?kaVs	fd-eh- izfr ?kaVk	feeh	feeh
viSy 2012	37-1	17-7	50-2	9-7	3-8	0-0	6-3
eb 2012	40-4	20-1	58-8	8-9	2-9	0-0	7-5
tqykbZ 2012	41-5	24-2	60-2	7-2	4-3	14-2	9-2
tqykbZ 2012	33-0	25-4	84-1	4-6	4-8	388-6	6-9
vxLr 2012	31-9	25-2	87-9	4-5	3-5	320-4	3-1
flracj 2012	31-8	23-8	87-5	6-2	3-5	243-2	3-4
vDrwcj 2012	32-1	16-4	82-7	8-4	1-4	2-2	3-1
uoacj 2012	27-8	9-1	83-6	6-2	1-0	0-0	2-1
fnlacj 2012	21-8	6-1	82-1	5-3	2-0	0-0	1-8
tuojh 2013	19-4	4-1	89-2	3-7	2-2	7-5	1-7
Qjojh 2013	23-4	8-9	87-6	6-4	2-8	107-2	3-0
ekpZ 2013	30-8	12-8	76-7	8-5	3-5	0-0	3-7

bl vof/k dsnkjku lLFkku dsekSle oKkfud i{k.k'kkyk esa nt fd, x, df"k&ekSle oKkfud i{k.kksa ls ;g Kkr gqvk fd bl {ks=k esa dy 1084 feeh o"kkZ gSA tks fiNys o"kksZa dsnkjku gSa 1460 feeh o"kkZ dh ryuk esa 25-75 ifr'kr de gSA rFkkfi] bldh ek=kk dkQh gn rd lkekU; jgh rFkk o"kksZa dh vof/k 45 ls vf/kd fnuksa rd cuh jghA tykbZ dsnkjku ekSle dh lcls vf/kd vkSlr o"kkZ 388-6 feeh nt dh x;hA ftldh i'pkr vxLr rFkk flracj dsnkjku Øe'k% 320-0 vkSj 243-2 feeh o"kksZa nt dh x;hA tuojh rFkk Qjojh 2013 dsnkjku cekSle dh cjkbZ gSa ftldk dkj.k 2012&13 Qy ekSle d i"iu rFkk Qy mRiknu gksus dh l?kVdk ij vR;f/kd ifrdy iHkko iMkA bl vof/k dsnkjku BM dh foLrkfjr vof/k jgh rFkk 'kU; ls Hkh de rkieku nt fd;k x;kA 15 vDrwcj dsckn vkSe d fy, mRiknu fØ;kdyki gr ifrdy BM dh vof/k ¼ftldk nkjku rkieku 17 fMxh lsfYl;l ls de jgk½ nt dh x;h tks 2012&13 esa de ls de ,d i[kokMk vf/kd foLrkfjr jgh ¼yxHkx 169 fnuksa dh vof/k½ tcfd 2011&12 dsnkjku ;g vof/k de Fkh ¼yxHkx 155 fnu½A bl foLrkfjr BM dh vof/k dsdkj.k i"iu fØ;kdyki ij ifrdy iHkko iMk('kq[kkvk dk fodkl i"iu dsFk lefUor :i esa gvk rFkk uk'kh thok ,oa jkx ¼fFkl(,UFkDukt½ dk iHkkfor dju oky dkjdksa esa cnyko vk;k rFkk i"iu dsi'pkr dh vof/k dsnkjku fnuksa rkieku esa vrj dsdkj.k Qyksa esa ufcu ½>edk½ dh mRifÙk n[kh x;hA bl Qy ekSle dsnkjku iky dk iMuk ¼9 vkSj 10 tuojh 2013 dks&0-2 fMxh lsfYl;l ls &1-2 fMxh lsfYl;l rkieku½ ,d vR;f/kd ie[kksj Fkh ftldk dkj.k ijkgksa dk fodkl iHkkfor gvk rFkk ijkg dh dy ycksa esa yxHkx 5&6 bp dh deh vkbZA bldk ifj.kkeLo:i fnlacj dsnkjku mRiUu gksus oky vkSe d dN dYVhojksa esa le; ls igys yxus oky ckj ¼i"i½ iky dk f'kdkj gksx, ftldk dkj.k i"iu dh ifØ;k 'k"d gksx;h rFkk vkSe d iMksa yxsa tSls ¼dkiy½ >yls x,A 2012&13 dsnkjku BM dh foLrkfjr vof/k dsdkj.k dkf;d@i"iu fØ;kdyki ij ifrdy iHkko iMk rFkk lkFk gh Qy dh of) rFkk fodkl dspj.kksa dk ijorhZ xSj rFkk 'k"d n'kkvksa dsckotwn djus iMk ftldk dkj.k Qy fodkl dsijorh pj.kksa] fo'k"kdj ifjiDork dspj.k ¼tu 2013 esa n'kkgjh dh 0;ofLFkr :i esa ifjiDork rFkk ckt+kj esa ipj miyC/krk dh fLFkfr½ ij ifrdy iHkko iMk] bld

vfrfjDr] le; l io o"kk d dkj.k Qy rMkb l io gh jkx d f'kdkj g, ft ld dkj.k Qy dh x.koÙkk de gk x;h vkj fo'k"kdj mPp rkieku rFkk mPp vknzrk d dkj.k bue Þ tyh lhMß dk fuek.k n[kk x;kA Qy ekle ¼ekp l tu½ d nkjku vf/kdre rkieku vkj U;ure rkieku Øe'k% 31 l 41-5° lfYl ;l vkj 12 l 24° lfYl ;l d chp jgkA gkykfd ekfld vkl r lex ok"ihdj.k ifr fnu 1-7 l 9-2 feeh d chp nti fd;k x;k] fdr Qy ekle d nkjku ;g ifrfnu 6-3 l 9-2 feeh d chp nt fd;k x;kA viy 2012 e lcg d le; dh U;ure ekfld vkl r vkif{kd vknzrk yxHkx 50 ifr'kr Fkh fdr ckn d eghuk e ble of) n[kh x;hA lLFkku }kjk fd lku xkf"B;k] oc lkbV rFkk efnr lkexh ¼fgnh vkj vxth nkuk Hkk"kk vke½@byDVkfud ehfM;k] lh/kh Qku lfo/kk] LVdgkYMjk d lkFk vk;kftr dh tku okyh ijke'k cBdk d ek/;e l vkj lkFk gh bQdk d fd lku lpkj ekckby lok lyVQke dk i;kx dj] fo'k"kdj vke dh ifÙk;k ij fFkl] tkyk dhV] Qyk e yxu oky fe t ¼Blossom Midge½] Qy eD[kh] p.kh eRd.k] vke gkij dhV] pf.ky vkflrk] ,UFkDuk t vkfn d ckj e ekle d nkjku ekle&oKkfud vkdMk fo'y"k.k d vk/kkj ij mRikndk d lenk; d fy, uk'kh thok rFkk jkxk d iknHkko d lc/k e le;≤ ij lnfHkr prkouh vkj ic/ku lykg tkjh fd, x,A mRikndk dk uk'kh tho@jkx Hkkj l cpko d fy, Qyk dh Fkykcnh dju t lh rMkb&mijkr ik|kfxfd;k dk i;kx dju rFkk x.koÙkk i.k Qy mRiknu ,o bFky dk i;kx djd vke d Qyk dk ,dleku :i l idku dh lykg nh x;hA

केन्द्रीय उपोष्ण बागवानी संस्थान

रहमानखेड़ा, पोस्ट-काकोरी, लखनऊ-226 101

फोन : (0522) 2841022-24, 2841026, फैक्स : (0522) 2841025

ई-मेल : cish.lucknow@gmail.com

मीडिया संसाधन कक्ष नं. : 0522-2841082, वेबसाइट : www.cishlko.org

army printing press
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