



C. T. R. I.

NEWS LETTER

Vol. 4, No. 1, NEWS LETTER OF CENTRAL TOBACCO RESEARCH INSTITUTE, RAJAHMUNDRY, March 1982

Weather was almost dry with a gradual increase in the temperature. The flue-cured tobacco crop during this season has picked-up good growth initially, but due to drought weather after planting there was a set back in subsequent growth, thereby the yields were low to moderate. Due to competition in the trade circles, the flue-cured tobacco leaf was purchased briskly and the cultivators received satisfactory prices for their produce.

RESEARCH HIGH LIGHTS & MAJOR EVENTS :

CTRI Research Station, Guntur (A. P.) :

During the early part of the quarter, heavy incidence of caterpillar attack was noticed in farmers fields of FCV

tobacco in Krishna and Guntur districts. This unusual outbreak was controlled by resorting to integrated approach of pest control management i. e. timely spray of NPV and fixing up of sex pheromone traps as advised by the scientists of our Institute. Farmers were impressed by these methods and they appreciated the timely action taken by our scientists jointly with Tobacco Board Officials.

CTRI Research Station, Veda sandur (Tamil Nadu) :

Farmers appreciated the performance of the new promising cigar filler line HV, 75-10, which is being tried in the farmers' fields in cigar filler tract of Tamil Nadu.

CTRI Research Station, Hunsur (Karnataka) :

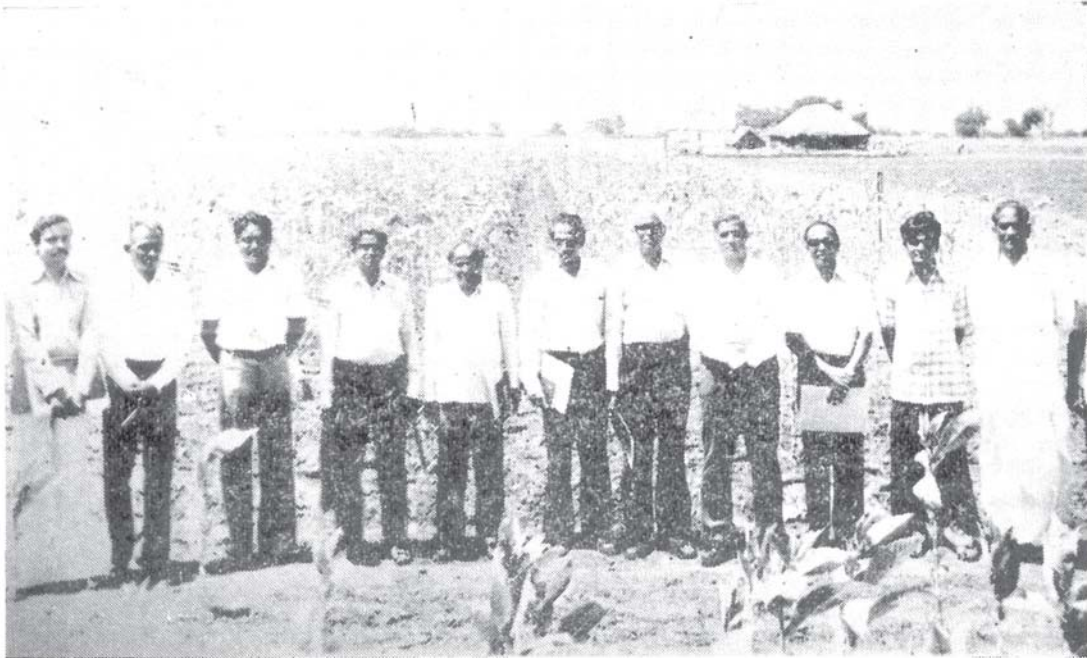
In a group of six promising FCV tobacco lines compared in final evaluation, lines NFML-2 and 2399 were significantly superior to the rest, yielding 2239 and 1833 Kg/ha. of total cured leaf respectively; corresponding bright leaf recovery was 1903 and 1422 Kg/ha.

Under the Chairmanship of Dr. G. C. Patel, Agricultural Advisor, Jyoti Limited, Baroda, the Quinquennial Review Team with the members Dr. M. V. Reddy, Principal, Agricultural College, Andhra Pradesh Agricultural University, Bapatla, Dr. G. K. Veeresh, Professor of

Entomology, University of Agricultural Sciences, Bangalore, Shri T. D. Prasada Rao, Research Manager, ILTD Division, Rajahmundry, Dr. K. V. Sreenivasan, Emeritus Scientist, Central Institute of Cotton, Research Regional Station, Coimbatore, and Dr. N. C. Gopalachari, Director, Tobacco Research (Member-Secretary) visited the station on 23rd and 24th February, 1982.

CTRI Research Station, Kandukur (A.P) :

The Quinquennial Review Team visited the station on 27th February, 1982.



Quinquennial Review Team visited the fields at CTRI Research Station, Kandukur, on 27th February, 1982.

LAB TO LAND PROGRAMME AND FIELD DAYS :

Central Tobacco Research Institute, Rajahmundry :

(a) **Demonstrations on the Neem Oil Emulsion Control Suckers of FCV Tobacco in Konthamuru Village :**

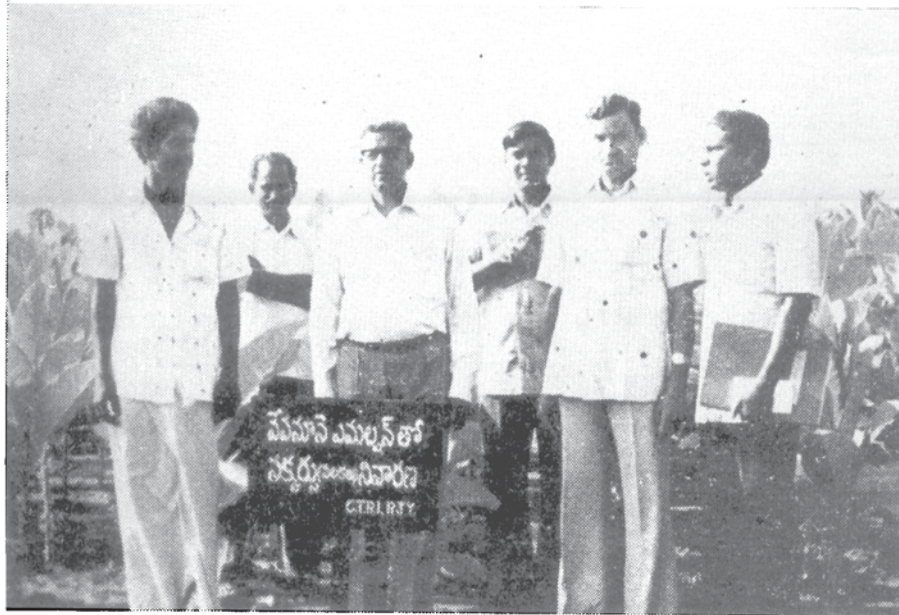
Under Operational Research Project (ORP) the Neem

Oil Emulsion was applied in the two acre field of Shri Cherukuri Subba Rao, a progressive farmer of Konthamuru Village. The participant farmer expressed that the application of Neem Oil Emulsion is cheap, effective in controlling suckers and can be applied easily.

(b) Demonstration with leaf extracts of Basella and Bougainvillea against the TMV resistance :

In the field of Shri Gadda Suryarao, a literate and leading farmer of Konthamuru village, the leaf extracts

were sprayed at the top portions of the individual plants. under the technical guidance of Shri N. S. Murty, Scientist S-1 (Plant Pathology) of this Institute. The farmers from Konthamuru village were brought to the place of demonstration and were taught the method.



Director and the Extension Staff of Central Tobacco Research Institute, Rajahmundry at the demonstration plot to control suckers with Neem Oil Emulsion in the adopted village, Konthamuru.

CTRI Research Station, Guntur (A.P.):

Field Day was celebrated during the 3rd week of February, 1982 at Lingayapalam, Ankireddipalem, Lalpuram

and Budampadu Centres, where multi locational trials on newly evolved natu tobacco lines Viz. II-435-, II-426, II-409, II-403 and D. G-3 (Control) were laid out to



Field visit made by the Extension Staff with the Director, Central Tobacco Research Institute to one of the progressive farmers' fields of Godavari Special near Kateru village.

show the superiority of these strains over local varieties. Performance of II-435 is also very good in the locational trial plot at Ankireddypalem centre conducted jointly with M/s. Golden Tobacco Company Limited. A large number of farmers had assembled to see the performance of these lines and opined, in general, that II-435 would be certainly a better choice for them.



Field Day celebration at Budampadu.

CTRI Research Station, Kandukur (A. P.) :

Curers training programme was conducted for the first time at the Research Station. Eleven trainees selected from different taluks of Prakasam and Nellore

districts, mostly from amongst the tobacco growers families and sponsored by Tobacco Board Branch Office, Ongole, were trained for one month from 5th February to 6th March, 1982. All the trainees completed the course satisfactorily.



Scientists of Central Tobacco Research Institute and officials of M/s. Golden Tobacco Company Limited assessing the field performance of improved natu selections tried at Ankireddypalem centre.

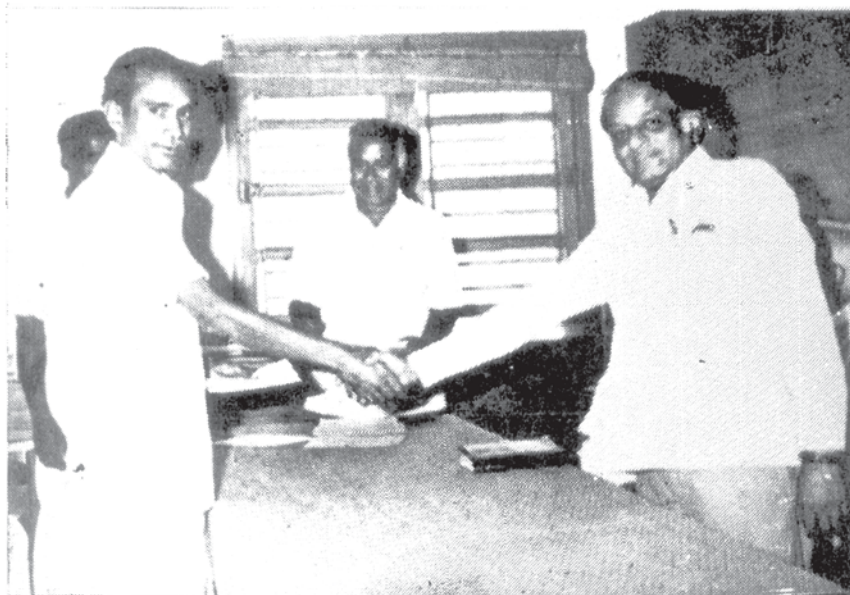
CTRI Research Station Veda sandur, (Tamil Nadu):

Four centres were planted under the rotational trial Ragi in Khariff and Tobacco in Rabi and seven centres

were planted with a trial on foliar spray of urea. Crop was normal in all the centres and the benefit of new technology has been clearly demonstrated to the farmers of the area.



Benefits of foliar spray of Urea Vs. soil application of nitrogen being demonstrated at Ranganathapuram under Lab to Land Programme.



Certificate being given by Dr. G. C. Patel, Chairman of Quinquennial Review Team to one of the Lab to Land farmers of Davadanapatty.



The first copy of the leaflet "How to grow a Tobacco nursery" being given by Dr. N. C. Gopalachari, Director, C. T. R. I., to one of the Lab to Land farmers of Iyampalayam.

CTRI Research Station, Pusa (Bihar) :

Tobacco Extension Fortnight was celebrated under Lab to Land Programme from 15th to 30th Jan., 1982. The fortnight comprised of Kisan Mela, Tobacco Field days in villages, farmers' gosthi, radio talks, distribution of popular literature to farmers, demonstration of improved techniques, tobacco crop competition, competitive tobacco shows and general agricultural exhibition. The field

day functions were organised in tobacco concentrated villages. The field day function organised by the Research Station, Pusa, jointly with Bihar State Sugar Corporation, Samastipur, and Sugarcane Development, Bihar, in the village Ladaura was blessed by Shri Prem Narain Garhwal, Minister of State. The technique evolved by the Research Station on mixed cropping of sugarcane, and tobacco demonstrated in the village was greatly appreciated to be useful for both tobacco and sugarcane farmers.



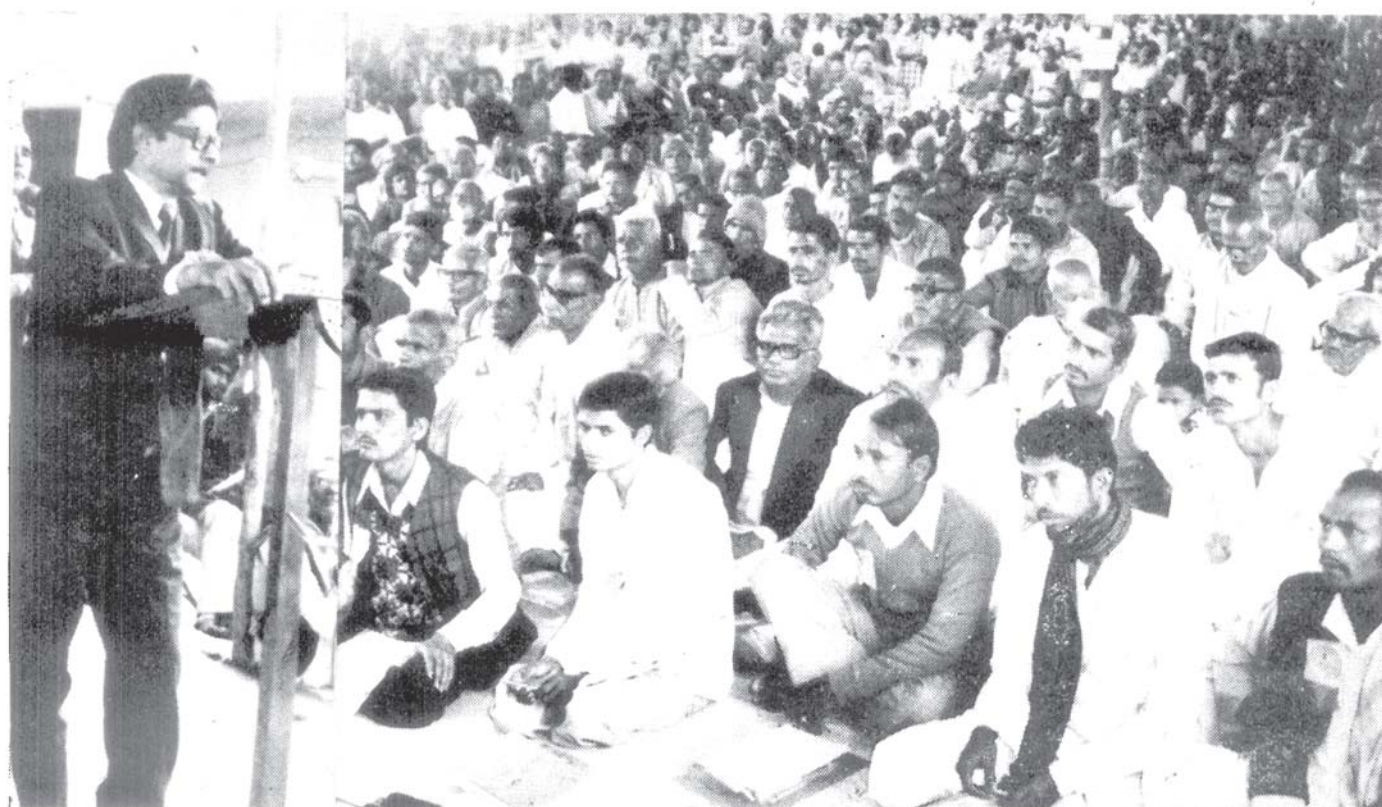
Mixed cropping of sugarcane and tobacco.



Booklet on Package of practices on tobacco was released on 28th January, '82, in Kisan Mela at the Research Station (Left to right) Mrs. Jha, Wife of Vice Chancellor, Rajendra Agricultural University, Sri A. N. Singh, Director, Tobacco Development, Madras, Dr. G. Trivedi, Director, Extension Education, Rajendra Agricultural University, Bihar, Sri R. K. P. Sinha, General Manager, Bihar State Sugar Corporation and Dr. R. Sinha, Agronomist and Officer-in-charge.

Dr. R. Sinha, Scientist gave a talk from All India Radio, Patna on 7.3. '82 for farmers on the topic "Harvesting, curing, grading and storage of chewing tobacco".

Shri S. S. L. Dwivedi, Scientist delivered a radio talk on 3.2. '82 from A. I. R. Darbhanga. The topic was "Harvesting and curing of tobacco".



Shri A. N. Singh, Director, Tobacco Development, Madras addressing the farmers at the inauguration of Kisan Mela at the Research Station on 28th Jan, 1982,

CTRI Research Station, Dinhata (West Bengal) :

Inter cropping of Motihari tobacco + Potato under water hyacinth mulch was recommended as this practice was found to be highly remunerative under demonstration

trials in different locations of this region. The results of the past three years demonstration on multiple cropping (intensive cropping) and varietal improvement with Motihari tobacco in the cultivators' field were very much encouraging.



Farmers visiting demonstration trial on inter cropping of potato with Motihari tobacco under water hyacinth mulch at Sitai centre.



Farmers receiving she goat from S. D. O. Dinhata under Lab to Land Programme.

EXHIBITIONS :

Central Tobacco Research Institute, Rajahmundry :

In connection with the Farmers' Day Celebration at the Sugarcane Research Station, Anakapalli, Visakhapatnam district (A. P.), one exhibition stall was opened on 31st Jan. '82 in the farm premises. About 1500 visitors witnessed the stall.

On the eve of Silver Jubilee Celebrations of Indo-Soviet Tobacco Trade, organised by the Indian Tobacco Association, Guntur, an exhibition was conducted on 20th & 21st Feb., '82.

CTRI Research Station, Pusa, (Bihar) :

Participated in the exhibition at Dholi (Muzaffarpur) organised by the Rajendra Agricultural University, Bihar

during 14th to 16th Feb., '82. The stall of the Research Station was adjudged to be the second best in the fair and the station was awarded with merit certificate.

Conferences and Symposia :

1. Shri Y.V. Suryanarayana, Assistant Librarian, Central Tobacco Research Institute, Rajahmundry, has attended the 19th Annual Documentation Research and Training Centre (DRTC) Seminar on collection, development and circulation held at Bangalore from 1st to 5th March, 1982 and presented a paper entitled "Collection and Development of tobacco literature" by Y.V. Suryanarayana and D.Ch. Raja Rao.

2. Shri R.P. Srivastava, Scientist S-1, CTRI Research Station, Pusa participated in Science Congress during 3rd -8th January, 1982 and presented the following papers.

- i) Quality of Indian Cigar Wrapper Tobacco based on some physico - Chemical properties. 25.2.1982 : Dr. R.N. Sharma, Entomologist, Entomology Department, National Chemical Laboratory, New Delhi.
- ii) Nicotine content of cigar tobacco cultivars.

TRAINEES AND VISITORS :

Central Tobacco Research Institute, Rajahmundry :

Two batches of farmers each consisting of 11 and 7 sponsored by Tobacco Board were imparted training in the latest methods of F.C.V. tobacco curing at the Institute Farm from 5-2-1982 to 6-3-1982 and 9-2-1982 to 9-3-1982 respectively.

The following personnel have visited Central Tobacco Research Institute during the period under report.

- 6.1.1982 : ILTD Non-leaf managers.
- 12.1.1982 : G.I. Petrenko, Trade Representative of USSR, Madras.
- 15.1.1982 : Team Members of 728 Rotary International, United States of America.
1. Donald G. Megnin, Professor Slippe Roch College, Pennsylvania 2. Tomy Wieckoski 3. Michal Stachnik 4. Stephen Hall Mead vell 5. Ludvig Weaver 3. Cabie Drake Well.
- 28.1.1982 : Dr. P. Mahapatra, Assistant Collector, Kakinada, Andhra Pradesh.
- 1.2.1982 : Dr. M.V. Rao, Deputy Director General, Indian Council of Agricultural Research New Delhi.
- 9.2.1982 : Farmers, in total 80, belonging to the districts of Nellore, Prakasam, Guntur West Godavari and East Godavari.

- 8.3.1982. : Sri P. Narasimha Reddy, Associate Professor & Head, Department of Genetics and Plant Breeding, Sri Venkateswara Agricultural College, Tirupathi.

- 8.3.1982. : Forty students of B. Sc., (Ag.) from the Agricultural College, Tirupathi of Andhra Pradesh Agricultural University.

- 20.3.1982. : Sri V. Vasudevan and Sri M.M. Nair, Golden Tobacco Company (GTC), Bombay.

GTRI Research, Station, Guntur :

Three farmers sponsored by the Tobacco Board, Guntur, were imparted training for one month in process of flue-curing, handling and grading of leaves, during the period under report.

- 10.2.1982 : Mr. Valentin Yordanov, Tobacco Institute, Plovidiv, Bulgaria.
- 18.2.1982 : Mr. Kevinthomson, Casalee, Belgium.
- 2.3.1982 : Shri D. P. Shingh, Marketing Officer, Directorate of Marketing and Inspection, Nagpur, along with a batch of AGMARK probationers.
- 25.3.1982 : Fifty three tribal farmers under Lab to Land Programme from Jeddangi.
- 26.3.1982 : Shri Ch. Randhir Singh, Chairman, along with Dr. Dhar and Dr. George, Members, Agricultural Price Commission, New Delhi.

CTRI Research Station, Hunsur :

- 8.2.1982 : A batch of 39 Agricultural Assistants of Karnataka Agricultural Department undergoing Refresher Course at Rural Development Training Centre, Mandya.
- 16.2.1982 : Mr. Graham Bowman of Siemssen Threshie Company Limited accompanied by Mr. E. A. Choube of Western India Tobacco Company, Hunsur.

APPOINTMENTS & TRANSFERS

1. Shri D. Ch. Rajarao, Tech. T-6 (Documentation) has been assessed and promoted to Tech. T-7 with effect from 1.7.1981.
2. S/Shri P. Mahalakshmi and T. K. Suryanarayana, Tech. T-1-3 (Cat.I) have been promoted to Tech. T-II-3 (Cat.II) with effect from 18.1.1982.
3. Shri A. Haranath, Tech. T-II-3, CIFT Research Centre, Burla (Crissa) transferred at his request to Central Tobacco Research Institute, Rajahmundry and joined as Tech. T II-3 (Technical Information Asst) with effect from 15th February, 1982 at this Institute.
4. Shri J. Kurmarao, Technician T-2 has been appointed as Technician T-II-3 (Pl. Breeding) at Devarapalli Centre with effect from 26.2.82.
5. Shri A. Narasimhamurthy, who went on deputation as Superintendent at Dry land Research, Hyderabad was repatriated to this institute with effect from 10.2.1982.
6. Shri M. Simon Rao, S. S. Gr. III, CTRI Research Station, Guntur has been promoted to Technician

T-1 with effect from 18.1.1982 and transferred to Central Tobacco Research Institute, Rajahmundry with effect from 15.2.1982.

7. Shri M. S. Balbatti, Technician T-4, CTRI Research Station, Hunsur was relieved of his duties on the AN of 31.3.1982 consequent on his selection to the post of Technician T-6 (Farm Superintendent) at CPCRI Sub-Station, Vittal.

RESIGNATION

1. Shri V. K. V. Prasadarao, Jr. Clerk, Central Tobacco Research Institute, Rajahmundry has resigned from his post with effect from 6.2.1982 AN.

DEATH

1. Shri M. Krupanandam, S. S. Gr. II, CTRI Research Station, Guntur has suddenly expired on 9.1.1982 while he was in service.

RETIREMENT

1. Shri D.J. Victor, Technician T-1-3, Central Tobacco Research Institute, Rajahmundry stands retired from Council's service with effect from 31.1.1982 AN on superannuation.
2. Shri I.V.G. Krishnamurty, Scientist Gr.S-2 (Plant Breeding) and Seed & Seedling Officer stands retired from Council's service with effect from 31.3.1982 AN on superannuation.
3. Shri V. Veerraju, Technician T-2, Central Tobacco Research Institute, Rajahmundry stands retired on medical grounds with effect from 5.3.1982 AN.

Papers Published :

1. Save your tobacco crop from orobanche (in Hindi)
Ramjilal, K. Nagarajan and G.V.G. Krishnamurthy
Bharateeya Tambaku, 11(2) : 5-7, 1981.
2. Tobacco stem borer and its control
K.N. Rao.
Indian Tobacco Journal 13 (2) : 8-9,
3. Research accomplishments for enhanced yields and
export quality of tobacco.
N.C. Gopalachari.
Indo Soviet Tobacco Trade Silver Jubilee Souvenir
(1956-'81): 13-9, 1982.
4. Anthracnose, a serious disease of tobacco nurseries
in Karnataka.
N.A. Elias, S M. Abdul Wajid, and G. Bhaktaya:
tsalam.
Indian Tob. J. 13(2):10-4, 1981
5. Field disease of tobacco and their control (in-Hindi)
Ramjilal and K. Nagarajan.
Gram Silp. 1981:

BULLETINS/LEAFLETS :

1. Pogaku Sagulo Melukuvalu (in Telugu) : PP 72
1982.

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