



**Key Characters of Varieties/Hybrids under MLTs**

**ICAR-AICRP on Fruits**

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**Published by**

**Project Coordinator**  
**ICAR-AICRP on Fruits**  
**ICAR-IIHR, Bengaluru 560089**



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# Key Characters of Varieties/Hybrids under MLTs of ICAR-AICRP on Fruits

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# Prologue

*The ICAR-All India Coordinated Research Project on Fruits envisages to test the technology visibility through **Multi Location Trials (MLTs)**. Since inception of the project many of the varieties/hybrids are submitted for MLTs for performance testing of the genotypes over environments so that the suitable varieties/hybrids are identified and released for suitable locations. During the years, considerable data and information was generated by conducting the trials implemented in assessing the performance of new varieties/hybrids compared to a popular local check in different agro-ecological zones/states. However, there is no easy retrievable document of the data and information to make available for the researchers working on fruit crops in the NARS system. Therefore, this **CD-ROM** is an attempt to fill the gap and compile all the data and information regarding '**key characters**' of varieties/hybrids of **all the entries** of the mandated crops (**banana, Citrus, grapes, guava, jackfruit, mango, papaya and sapota**) submitted for the MLTs under the ICAR-AICRP on Fruits. This compilation is made possible because of the support of the project scientific staff, officer in-charges, nodal officers, the crop coordinators, and project staff at the Project Coordinator's unit. This work (CD-ROM) is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International (**CC-BY-NC-SA**) License which allows the users to share, copy and redistribute the material in any medium/format and adapt, remix, transform, and build upon the material.*

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**Project Coordinator (Fruits)**

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# Fruit Crops under MLT

Banana

Jackfruit

Citrus

Mango

Grapes

Papaya

Guava

Sapota



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# Banana

- BCB-1
- BCB-2
- BRS
- Selection
- Popoulu
- H-531
- KBS-8
- Manjeri
- Nendran-II
- NRCB sel.7
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- sel.10

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# Banana – BCB-1



BCB-1	Characters	Thonte
24-26	Bunch weight (kg)	16-18
48-56	Yield (t/ha)	30-34
440-460	Crop duration (days)	430-450
10-12	Hands/bunch	8-9
160-170	Fingers/bunch	130-140
135-145	Finger weight (g)	100-110
2.7	Pulp:peel ratio	2.8
24-26	TSS (°Brix)	23-24
3.5-4.0	B:C ratio	2.5-2.7
45-50	Percent yield increase	-
6-8	Shelf life(days)	8-10
Greyish yellow	Peel Colour	Bright Lemon yellow



# Banana – BCB-2



BCB-2	Characters	Behula
3 -3.8	Plant character	3.3-3.5m
395-405	Crop duration (days)	430-450
24-27	Bunch weight(kg)	16-18
48-54	Yield(t/h)	30-34
15-20	Hands/bunch	8-9
130-140	Fingers/bunch	220-230
105-120	Finger weight (g)	100-110
2.4	Pulp:peel ratio	2.2
24-26	TSS (°Brix)	23-24
3.5-4.0	B:C ratio	2.2-2.5
50-55	Percent yield increase	-



# Banana – BRS Selection Popoulu



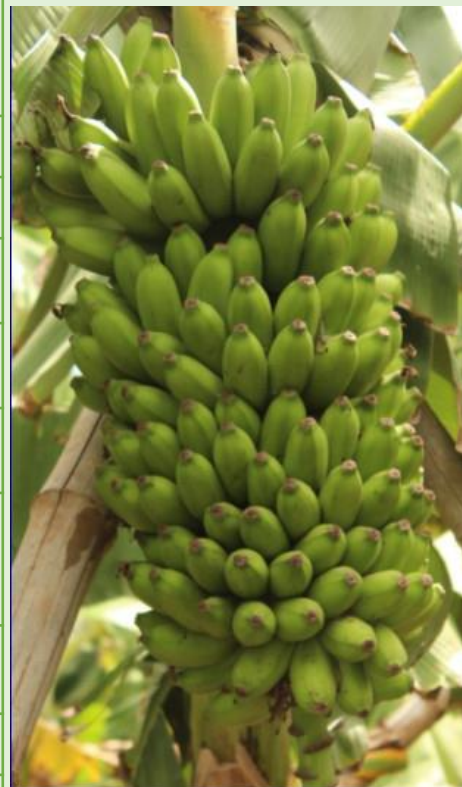
Character	BRS Selection Popoulu
Bunch weight (kg/ plant)	17.00
Hands per bunch	7.00
Fingers per bunch	70.00
Crop duration (days)	290.00
Days to shooting (days)	230
Days to maturity (days)	65
Finger weight (g)	380.00
Finger girth (cm)	20.50
Chips recovery (%)	33
Chips yield/ bunch (kg)	5.80
Plant height (cm)	310.00
Utilization	Dual purpose variety and suitable for chips



# Banana – H-531



H-531 (AAB)	Characters	Poovan (AAB)
Poovan X Pisang Lilin	Parentage	Traditional variety of Tamil Nadu
12-14	Bunch weight (kg)	18-20
80-90	Fingers/bunch	150-160
7-8	Hands/bunch	70-80
90-100	Finger weight (g)	17-18
19-21	TSS (°Brix)	250-280
200-220	Pseudostem height at shooting (cm)	60-70
50-55	Pseudostem girth at shooting (cm)	11-12
9-10	Number of leaves	11-12
10-11	Duration (months)	11-12
Absent	Fusarium wilt under filed condition	Absent



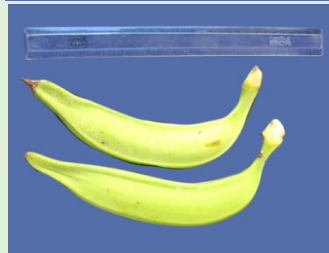
# Banana – KBS 8



KBS 8	Characters	Grand Naine
198 - 200	Pseudostem height (cm)	237 - 247
73 – 82	Pseudostem girth (cm)	65 - 67
295 - 315	Days to shooting	205 - 229
390 - 415	Days to harvest	290 - 323
40 – 50	Bunch weight (kg)	22 - 40
12 – 15	Hands/bunch	9 - 10
300 - 360	Fingers/bunch	141 - 160
19.0 - 20.5	Fruit length (cm)	21.9 - 22.50
13.0 - 13.5	Fruit girth (cm)	14.33 - 14.84
20 - 22	No of fruits/second hand	20 - 23
49.2 - 61.5	Yield (t/ha)	27.0 - 49.2



# Banana – Manjeri Nendran II



Manjeri Nendran II	Character	Nendran (Nedunendran)
Tolerant	Reaction to Eumusae leaf spot	Susceptible
Tolerant	Reaction to pseudostem weevil	Susceptible
14.00	Bunch weight (kg/ plant)	11.00
6.86	Hands per bunch	5.53
65.00	Fingers per bunch	47.60
336.00	Crop duration (days)	277.00
243.00	Days to shooting (days)	195.00
93.00	Days to maturity (days)	85.00
180.50	Finger weight (g)	157.60
327.00	Plant height (cm)	298.00







# Banana – NRCB Sel. 7



NRCB Selection 7	Charecters	Monthan
295	Height (cm)	360
75.3	Girth (cm)	73.5
380	Duration (Days)	400
278	Days taken for flowering	284
113	Days take for Fruit maturation	115
9-10	No. of hands	6-7
12-14	No. fruits /hand	10-12
135	Total number of fruits	125
21	Bunch weight (Kg)	20



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# Banana – NRCB Sel. 8



NRCB Selection 8	Traits	Monthan
370	Height (cm)	360
85	Girth (cm)	73.5
382	Duration (Days)	400
288	Days taken for flowering	284
96	Days take for Fruit maturation	115
9-10	No. of hands	6-7
13-14	No. fruits/hand	10-12
132	Total No. of fruits	125
26	Bunch weight (Kg)	20



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# Banana – NRCB Sel. 10

Namuwakhom (NRCB 10)	Traits	Karpuravalli
220.7	Height (cm)	411.8
279.4	Days taken for shooting	361.2
123.2	Days taken for bunch maturity	140.2
393.0	Duration (days)	501.4
15.5	Bunch Weight (kg)	17.6
Namuwakhom (NRCB 10) is dwarf variety resistant to lodging Unique character		

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# Citrus – Balaji



Balaji	Characters	Local
70.59	Canopy volume (m <sup>3</sup> )	49.40
Cluster	Bearing habit	Single
3441	Number of fruits/tree	2590
32.12	Yield (t/ha)	19.84
117.8	Fruit yield/tree (Kg)	73.01
43.70	Mean Fruit Weight (g)	38.82
0.1	Rind Thickness (cm)	0.1
44.38	Juice (%)	44.40
9.0	Seeds/fruit	12
6.91	Acidity (%)	5.98
9.0	TSS (° B)	8.0
9.25	Total Phenols (mg/ g dry weight)	6.0
60.38	Ascorbic acid (mg/100 ml)	68.34
12.06	Non-Reducing Sugars (mg/g dry weight)	10.04
Moderately resistant	Dry root rot	Highly susceptible
8.08	Fruit Canker (%)	47.12
2.20	Leaf Canker (%)	49.02
6.00	Twig Canker (%)	62.00
Tolerant	Canker	Susceptible




# Citrus – Coorg mandarin



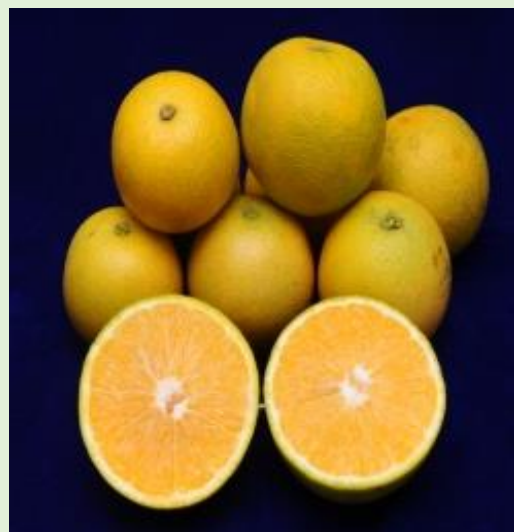
Coorg mandarin	Characters
Medium (2.64 – 3.12)	Tree height (m)
146 - 152	Fruit maturity (days)
20.79 – 24.64	Yield (Kg)
165.3 – 208.2	Fruit weight (g)
160.28- 163.42	Fruit Volume (ml)
37.29 – 43.54	Juice per cent (%)
11.63 – 16.31	No. of seeds/fruit
9.18 – 11.38	No. of segments/fruit
7.41 – 9.47	TSS (° Brix)
0.38 – 0.41	Titration Acidity (%)
26.31 – 29.67	Ascorbic acid (mg/100 ml of juice)

# Citrus – CRS-4

Khasi Mandarin	Parameters	CRS-4 Mandarin		
	16.88	<b>Yield (t/ha)</b>	150.48	
	560	<b>Fruits/plant</b>	2850	
	47.12	<b>Juice%</b>	48.22	
	6.15	<b>Total Sugar %</b>	6.70	
	20.00	<b>TSS/acid ratio</b>	20.66	
	48.89	<b>Ascorbic acid (mg/100ml)</b>	51.92	
	230-250	<b>Days to maturity</b>	220-240	
	7.42	<b>Plant Height(m)</b>	8.52	
	164.42	<b>Canopy Volume (m3)</b>	178.46	



# Citrus – Cutter Valencia



Cutter Valencia	Characters	Mosambi
75.65	Yield (kg/tree)	54.0
208.89	Fruit weight (gm)	188.5
December	Fruit Maturity	October
Yellow colour good for processing	Juice colour	White Colour not good for processing
Unique flavour	Flavour	No flavour
0.6-0.7	Acidity %	0.25-0.30



# Citrus – Darjeeling mandarin

Characters	Darjeeling mandarin
Fruits/tree	352
Fruit weight (gm)	176
Juice %	16.0
Acidity %	9.2

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# Citrus – Kinnow mandarin



Kinnow mandarin	Character	Mudkhed Seedless
81.5	Fruit yield (kg/tree)	43.1
457.3	Fruit number/plant	309.3
178.3	Fruit weight (g)	139.3
46.6	Juice content (%)	39.41
10.2	TSS (%)	7.8
0.85	Acidity (%)	1.18
12.0	TSS/ acid ratio	6.6
22.3	Seed number fruit <sup>-1</sup>	7.0
2.41	Seed weight (g fruit <sup>-1</sup> )	0.74
4.14	Fruit peel thickness (mm)	3.56
3.1	Tree Height (m)	4.7
3.5	Tree Spread (m)	3.6
19.9	Canopy volume (m <sup>3</sup> )	31.9
1.13	Stock/scion ratio	1.14
Mid-January	Maturity period	End-January





# Citrus – KL-12

Characters	KL-12
Fruits/tree	2320
Fruit weight (gm)	61.5
Juice %	52.2
Acidity %	7.51

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# Citrus – Kodur Sathgudi



Kodur Sathgudi	Characters	Local Sathgudi
33.89	Yield (t/ha)	29.28
5.50	Rind Thickness (mm)	7.20
818	Fruits/tree	751
135.55	Fruit yield/tree (Kg)	117.12
160	Fruit Weight (g)	150
50.98	Juice (%)	47.80
12	No. of seeds/ fruit	18
0.60	Acidity (%)	0.72
9.3	TSS ( <sup>o</sup> Brix)	8.92
15.00	TSS: Acidity	12.5



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# Citrus – M3

Characters	M3
No of fruits/tree	425.5
Fruit weight (gm)	198.5
Juice %	48.0
Acidity %	0.30

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# Citrus – M4

Characters	M4
Fruits/tree	440.0
Fruit weight (gm)	203.8
Juice %	48.2
Acidity %	0.31

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# Citrus – M8

Characters	M 8
Fruits/tree	780.4
Fruit weight (gm)	178.2
Juice %	47.5
Acidity %	0.28 %

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# Citrus – Mudkhed seedless



Characters	Mudkhed Seedless
Fruits/tree	402
Fruit weight (gm)	162
Juice %	4.1
Acidity %	10.2

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# Citrus – N 28



Characters	N 28
Fruits/tree	756
Fruit weight (gm)	145
Seeds/fruit	13.0
TSS %	11.0
Acidity %	0.70
Fruits/tree	756



# Citrus – N 34

Characters	N 34
Yield (Fruits/tree)	772
Fruit weight (gm)	134
TSS (°B)	11.20
Acidity %	0.80

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# Citrus – N 38

Characters	N 38
Yield (No of fruits/tree)	745
Fruit weight (gm)	142
Juice %	14.0
Acidity %	10.8

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# Citrus – N 43

Characters	N 43
fruits/tree	742
Fruit weight (gm)	144
Juice %	16.0
Acidity %	11.0

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# Citrus – N 51

Characters	N 51
Fruits/tree	805
Fruit weight (gm)	140
Seeds/fruit	14.0
TSS %	12.0
Acidity %	0.76

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# Citrus – Nagpur seedless

Characters	Nagpur seedless
Fruits/tree	398
Fruit weight (gm)	147
Juice %	4.4
Acidity %	10.32

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# Citrus – NRCC AL-7



Characters	NRCC AL-7
Yield (t/ha)	54.0
Fruit weight (gm)	48
Juice %	50.50
Acidity %	7.05

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# Citrus – NRCC AL-8



Characters	NRCC AL-8
Yield (t/ha)	59.00
Fruit weight (gm)	50.00
Juice %	51.53
Acidity %	7.01

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# Citrus – NRCC Nimboo 2

Characters	NRCC Nimboo-2
Fruits/tree	3320.0
Fruit weight (gm)	45.8
Juice %	47.6
Acidity %	7.12

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# Citrus – NRCC Nimboo 4

Characters	NRCC Nimboo-4
Fruits/tree	2920
Fruit weight (gm)	47.50
Juice %	48.80
Acidity %	6.92

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# Citrus – NRCC Nimboo 3

Characters	NRCC Niboo-3
Fruits/tree	3500.0
Fruit weight (gm)	46.6
Juice %	48.2
Acidity %	7.2

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# Citrus – NRCC Pummelo 1



Characters	NRCC Pummelo-1
Fruits/tree	235
Fruit weight (gm)	502
Seeds/fruit	22
TSS %	9.2
Acidity %	0.80

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# Citrus – NRCC Pummelo 2



Characters	NRCC Pummelo-2
Fruits/tree	210
Fruit weight (gm)	560
Seeds/fruit	29
TSS %	9.40
Acidity %	0.82

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# Citrus – NRCC Pummelo 3



NRCC Pummelo-2	Characters
180	Yield (No of Fruits/tree)
1050	Fruit weight (gm)
31	No. of seeds per fruit
9.9	TSS %
0.87	Acidity %

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# Citrus – NRCC Pummelo 4



NRCC Pummelo 4	Characters
160	Yield (No of Fruits/tree)
680	Fruit weight (gm)
31	No. of seeds per fruit
10	TSS %
0.78	Acidity %



# Citrus – NRCC Pummelo 5



NRCC Pummelo 5	Characters
385	Yield (No of Fruits/tree)
798	Fruit weight (gm)
34	No. of seeds per fruit
10.8	TSS %
0.91	Acidity %

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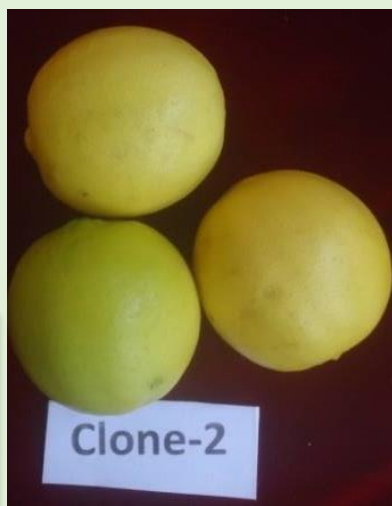
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# Citrus – PDKV Bahar



Character	PDKV Bahar
Yield (t/ha)	33-35
Fruit bearing	Cluster
Fruits	Round
Fruit weight (g)	42-45
Juice %	52
Peel thickness (mm)	1.65



# Citrus – PDKV Chakradhar



Character	PDKV Chakradhar
Evolved through	Bud sport mutant
Canopy	Erect, suitable for HDP
Seed/ fruit	Seedless to 1.26 deformed
Thorny/ Thorn less	Thornless
No of thorns /m twig length	0
Juice %	61.00
Peel (mm)	0.9-1.02 (thin)
Peel (%)	11.00
TSS (°B)	11.13
Acidity (%)	5.88
Fruit bearing habit	Cluster ,inside canopy also
Leaves	Leaf apex very obtuse, petiole wingless
Yield (t/ha)	20-22

# Citrus – PDKV lime



Character	PDKV Lime
Evolved through	Selection from local lime
Canopy	Spreading
Seed/ fruit	9 to 10
Thorny/ Thorn less	Thorny
No of thorns /m twig length	84
Juice %	54.00
Peel (mm)	1.5 - 2.0
Peel (%)	13.00
TSS (°B)	10.92
Acidity (%)	6.58
Fruit bearing habit	Mostly single on periphery
Leaves	Leaf apex obtuse, petiole narrowly winged
Yield (t/ha)	25-28

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# Citrus – PDKV mandarin 5



PDKV Mandarin 5	Character	Nagpur mandarin
25-27	Yield potential	20-22
20.19	Average Yield (t/ha)	16.21
Attractive Apricot orange	Fruit color	Mostly Yellow-orange
Inside canopy also	Fruit bearing habit	Mostly on periphery
49.74	Juice %	48.12
6.23	Avg. Fruit length cm	5.13
6.70	Avg.Fruit diameter cm	5.9
0.93	Length to breadth ratio	0.87
25.76	Peel (%)	27.74
24.07	Rag (%)	23.74
0.24	Peel thickness cm	0.28
11.13	TSS (°B)	10.92
41.98	Ascorbic acid mg	40.83
0.75	Acidity(%)	0.76
14.85	TSS acidity ratio	14.32
4.68 m spreading	Plant height / Growth habit	5.08 Erect





# Citrus – Phule Mosambi

Phule Mosambi	Characters	Mosambi
20.12 t/ha	Yield potential	10.83 t/ha
302.80	No. of fruits/plant	211.34
240.96	Average fruit weight (g)	168.86
Golden yellow	Fruit colour	Yellow
47.37	Juice percentage	43.59
62.31	Vitamin 'C' mg /100 ml	56.33
9.66	TSS (°B)	9.34
6.98	Total sugar (%)	6.14
4.06	Reducing sugar (%)	3.76

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# Citrus – Petlur Selection 1



Petlur Selection 1	Characters	Balaji
59.98	Yield (t/ha)	32.12
Canker tolerance	Disease	Canker tolerance
0.0	Fruit Canker (%)	8.08
0.3	Leaf Canker (%)	2.20
0.0	Twig Canker (%)	6.00
122.3	Canopy Volume (m <sup>3</sup> )	70.59
5710	No. of fruits/tree	3441
216.50	Fruit yield/tree (Kg)	117.8
40.40	Mean Fruit Weight (g)	43.70
1.60	Rind Thickness (mm)	1.00
55.88	Juice (%)	44.38
8	Average no. of seeds/fruit	9.0
7.30	Acidity (%)	6.91
9.78	TSS (° Brix)	9.0





# Citrus – Phule Sharbati



Phule Sharbati	Characters	Sai Sharbati
4.84	Plant height (m)	4.75
86.50	Canopy volume (m <sup>3</sup> )	79.95
White	Folwer colour	White
3 <sup>rd</sup> year	Age at first flowering	5 <sup>th</sup> year
52.19	Yield potential (t/ha)	46.90
25.42	Extent of hasta bahar	25.14
Roundish	Fruit shape	Oval/roundish
Yellow	Fruit colour	Yellow
1.95	Skin thickness (Thin)	1.88
49.77	Fruit weight (g)	49.71
3877.88	Number of fruits	3528.33
52.52	Juice (%)	49.59
6.48	Acidity (%)	7.01
27.73	Vit. C (mg/100 ml juice)	29.50
7.34	TSS (° Brix)	7.83
Tolerant to canker	Reaction to pest and diseases	Tolerant to canker





# Citrus – Paramalini

Characters	Pramalini
Fruits/tree	3450
Fruit weight (gm)	46.9
Juice %	7.8
Acidity %	6.8

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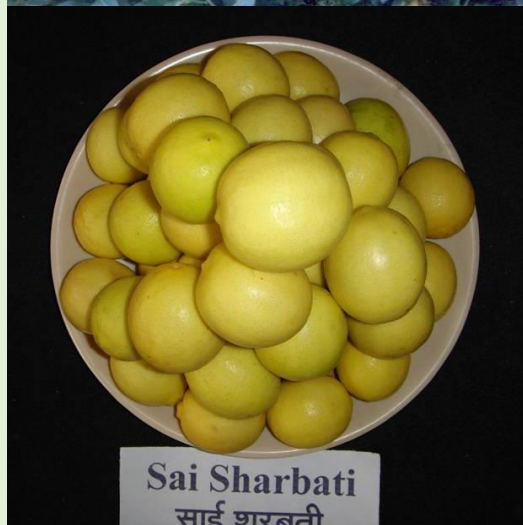
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# Citrus – Sai Sharbati



Sai Sharbati	Characters	Kagzi lime
Dark colour	Foliage	Light green
680	Yield (fruits/tree)	562
46.90	Yield potential (t/ha)	-
25.14	Extent of hasta bahar (%)	10-15
1.52	Skin thickness (mm)	2.28
48.87	Fruit weight (g)	46
49.59	Juice (%)	42.30
7.29	Acidity (%)	7.42
28.43	Vit. C (mg/100 ml juice)	24.95
7.93	TSS ( $^{\circ}$ Brix)	7.42
Tolerant to canker	Reaction to pest and diseases	

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# Citrus – SGNR-AL-1



SGNR-AL-1	Characters	Kagzi lime
Resistant	Citrus canker	Susceptible
1400 -1500	Yield (fruits/tree)	800 -900
42 – 45	Yield (kg/tree)	32 -36
52.6	Juice (%)	40.2
6.1	Acidity (%)	6.8
30.0	Vitamin C (%)	40.0
28 g	Fruit weight (g)	
0.18	Rind thickness (cm)	0.24
6	segments /fruit	10
4.1	Fruit length (cm)	5.1
4.0	Fruit width (cm)	4.6
5-6	Seed/fruit	8-9
July – August & Dec - January	Harvesting	June – July & April - May
Deep yellow	Fruit colour	Greenish yellow
Feb. - March & September - October	Flowering	Feb. – March & April - May
7.00	TSS ( <sup>o</sup> B)	7.00
6.1	Acidity (%)	6.2
30.5	Ascorbic acid (mg / 100g pulp)	26.9



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# Citrus – Shamouti organge

Characters	Shamouti Orange
Fruits/tree	320.0
Fruit weight (gm)	225.8
Juice %	46.5
Acidity %	0.52

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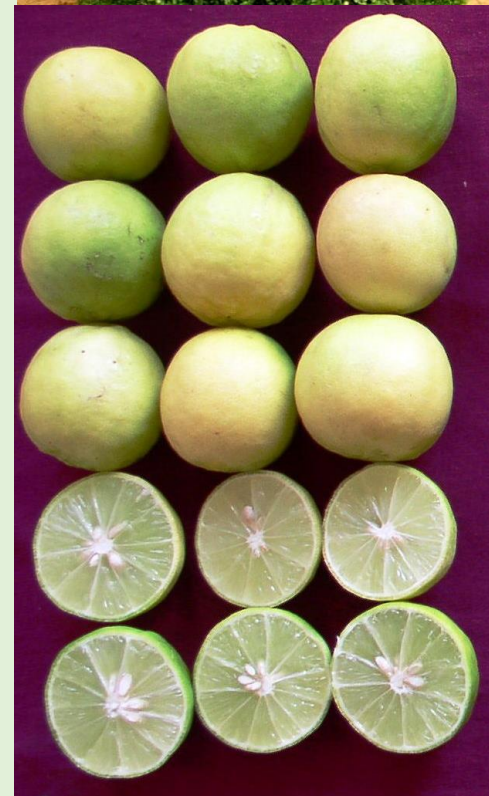
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# Citrus – TAL-94/13



TAL-94/13	Characters	Balaji
Pickle and Juicy	Special Character	Juicy
48.80	Juice (%)	44.38
1.58	Rind Thickness (mm)	1.00
1968	No. of fruits/tree	3441
27.17	Yield (t/ha)	32.12
108.68	Fruit yield/tree (Kg)	117.8
43.75	Mean Fruit Weight (g)	43.70
7.00	Average no. of seeds/fruit	9.0
5.88	Acidity (%)	6.91
8.84	TSS (° Brix)	9.0
15.00	Fruit Canker (%)	8.08



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# Citrus – TAL-94/14



TAL-94/14	Characters	Balaji
Pickle and Salad variety	Special Character	Juicy
1.95	Rind Thickness (mm)	1.0
3 years after planting	Precocity	4 years after planting
36.62	Yield (t/ha)	32.12
2560	No. of fruits/tree	3441
146.51	Fruit yield/tree (Kg)	117.8
45	Mean Fruit Weight (g)	43.70
35.25	Juice (%)	44.38
10	No. of seeds/fruit	9.0
5.9	Acidity (%)	6.91
9.03	TSS ( $^{\circ}$ Brix)	9.0
12.00	Fruit Canker (%)	8.08



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# Citrus – US Pummelo 145



US Pummelo-145	Characters	White fleshed Pummelo
171.4	Yield (kg/tree)	147
758.82	Fruit weight (gm)	875
Cluster Bearing	Bearing Habits	Normal bearing
Early maturing	Maturity	Late maturing
0.72	TSS (%)	0.98

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# Citrus – Vikram

Characters	Vikram
Fruits/tree	2978
Fruit weight (gm)	45.9
Bearing	Cluster bearing (5-10 fruits)
Acidity %	6.7

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# Grapes

- 2A Clone
- A-18/3
- Arka Shyam
- **Bangalore Blue**
- Concord
- Crimson Seedless
- Fantasy Seedless
- Gulabi x Bangalore Purple
- Manjari Kishmish
- (Kishmish Rozavis White)
- Manjari Medika
- Merbein Seedless
- Nanasaheb Purple
- Punjab MACS Purple (H-516)
- Red Globe
- **Sharad Seedless**
- **Thompson Seedless**

# Grapes – 2A Clone



2A Clone	Characters	Thompson Seedless (Check)
25-26	Raisin recovery (%)	24-25
22-24	Total Soluble Solids (°B)	22-24
4.0-5.0	Acidity (g/l)	6.0-7.0
1.3-1.5	Berry weight (g)	2.0-3.0
12-13	Berry diameter (mm)	15-16
13-14	Berry length (mm)	16-18
150-200	Bunch weight (g)	300-350
140-145	Physiological Maturity (days after fruit pruning)	140-145
Medium	Firmness	Medium



# Grapes – A-18/3



A-18/3	Characters	Sharad Seedless
16-18	Yield/vine (kg)	12-14
250-350	Bunch weight (g)	300-400
2.5-3.0	Berry weight (g)	2.0-3.0
17-19	Berry diameter (mm)	20-21
19-21	Berry length (mm)	22-24
Obovate	Berry shape	Obovate
Blue black	Berry skin colour	Blue black
20-22	Total Soluble Solids (°B)	19-21
5.5-6.5	Acidity (g/l)	5-6
Medium	Firmness	Medium
Rudimentary	Seediness	Seedless
Medium	Shelf-life	Medium
Non-uniform	Colour development under hot climatic conditions	Non-uniform
135-140	Physiological Maturity (days after fruit pruning)	120-130



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# Grapes – Arka Shyam



Arka Shyam	Characters	Bangalore Blue (Check)
60-65	Juice recovery (%)	50-55
21-23	Total Soluble Solids (°B)	21-23
6.0-6.5	Acidity (g/l)	7.0-8.0
250-300	Bunch weight (g)	200-250
Colourless	Berry pulp colour	Colourless
2.0-2.5	Berry weight (g)	3.0-3.5
Medium	Bunch compactness	Very dense
125-130	Physiological Maturity (days after fruit pruning)	125-130
14.5-15.5	Berry diameter (mm)	16.5-17.5
16.5-17.5	Berry length (mm)	18.0-20.0
Round	Berry shape	Obovate



# Grapes - Concord



Concord	Characters	Bangalore Blue (Check)
45-55	Juice recovery (%)	50-55
20-22	Total Soluble Solids (°B)	21-23
7.0-8.0	Acidity (g/l)	7.0-8.0
200-250	Bunch weight (g)	200-250
Colourless	Berry pulp colour	Colourless
2.3-2.7	Berry weight (g)	3.0-3.5
Medium	Bunch compactness	Very dense
125-130	Physiological Maturity (days after fruit pruning)	125-130
15-17	Berry diameter (mm)	16.5-17.5
17-18	Berry length (mm)	18.0-20.0
Round	Berry shape	Obovate

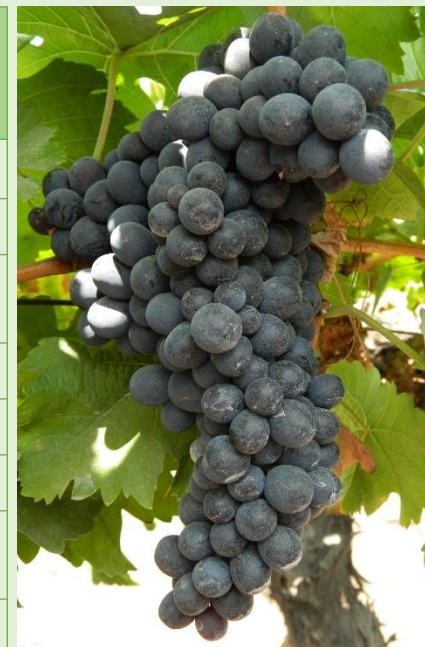




# Grapes – Crimson Seedless



Crimson Seedless	Characters	Sharad Seedless (Check)
300-450	Bunch weight (g)	300-400
3.0-4.5	Berry weight (g)	2.0-3.0
19-22	Berry diameter (mm)	20-21
23-25	Berry length (mm)	22-24
Short elliptical	Berry shape	Obovate
Rose	Berry skin colour	Blue black
19.0-21.0	Total Soluble Solids (°B)	19-21
3.5-4.5	Acidity (g/l)	5-6
Firm	Firmness	Medium
Seedless	Seediness	Seedless
Good	Shelf-life	Medium
Non-uniform	Colour development under hot climatic conditions	Non-uniform
130-135	Physiological Maturity (days after fruit pruning)	120-130





# Grapes – Fantasy Seedless



Fantasy Seedless	Characters	Sharad Seedless (Check)
350-450	Bunch weight (g)	300-400
2.5-3.0	Berry weight (g)	2.0-3.0
21-23	Berry diameter (mm)	20-21
22-25	Berry length (mm)	22-24
Obovate	Berry shape	Obovate
Blue black	Berry skin colour	Blue black
19.0-21.0	Total Soluble Solids (°B)	19-21
3.5-4.5	Acidity (g/l)	5-6
Medium	Firmness	Medium
Seedless	Seediness	Seedless
Sensitive to berry cracking under high moisture	Shelf-life	Medium
Uniform	Colour development under hot climatic conditions	Non-uniform
120-130	Physiological Maturity (days after fruit pruning)	120-130



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# Grapes – Gulabi x Bangalore Purple



Gulabi x Bangalore Purple	Characters	Bangalore Blue
75-80	Juice recovery (%)	50-55
20-22	Total Soluble Solids (oB)	21-23
6.0-7.0	Acidity (g/l)	7.0-8.0
250-350	Bunch weight (g)	200-250
Colourless	Berry pulp colour	Colourless
2.0-2.5	Berry weight (g)	3.0-3.5
Very dense	Bunch compactness	Very dense
130-135	Physiological Maturity (days after fruit pruning)	125-130
15-16	Berry diameter (mm)	16.5-17.5
17-18	Berry length (mm)	18.0-20.0
Round	Berry shape	Obovate





# Grapes – Manjari Medika



Manjari Medika	Characters	Bangalore Blue
70-75	Juice recovery (%)	50-55
21-23	Total Soluble Solids (°B)	21-23
5.0-6.0	Acidity (g/l)	7.0-8.0
250-350	Bunch weight (g)	200-250
Coloured	Berry pulp colour	Colourless
1.5-2.0	Berry weight (g)	3.0-3.5
Medium	Bunch compactness	Very dense
125-130	Physiological Maturity (days after fruit pruning)	125-130
14-15	Berry diameter (mm)	16.5-17.5
15-16	Berry length (mm)	18.0-20.0
Round	Berry shape	Obovate



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# Grapes – Manjari Kishmish



Manjari Kishmish (Kishmish Rozavis White)	Characters	Thompson Seedless (Check)
26-27	Raisin recovery (%)	24-25
23-25	Total Soluble Solids (°B)	22-24
6.0-7.0	Acidity (g/l)	6.0-7.0
2.0-3.0	Berry weight (g)	2.0-3.0
13-15	Berry diameter (mm)	15-16
15-17	Berry length (mm)	16-18
250-350	Bunch weight (g)	300-350
140-145	Physiological Maturity (days after fruit pruning)	140-145
Medium	Firmness	Medium





# Grapes – Merbein Seedless



Merbein Seedless	Characters	Thompson Seedless (Check)
24-25	Raisin recovery (%)	24-25
22-24	Total Soluble Solids (°B)	22-24
6.0-7.0	Acidity (g/l)	6.0-7.0
1.3-1.5	Berry weight (g)	2.0-3.0
13-14	Berry diameter (mm)	15-16
14-15	Berry length (mm)	16-18
180-250	Bunch weight (g)	300-350
125-130	Physiological Maturity (days after fruit pruning)	140-145
Soft	Firmness	Medium



# Grapes – Nanasaheb Purple



Nanasaheb Purple	Characters	Sharad Seedless (Check)
350-450	Bunch weight (g)	300-400
2.5-3.5	Berry weight (g)	2.0-3.0
21-23	Berry diameter (mm)	20-21
23-25	Berry length (mm)	22-24
Ovate	Berry shape	Obovate
Blue black	Berry skin colour	Blue black
19-21	Total Soluble Solids (°B)	19-21
4-5	Acidity (g/l)	5-6
Firm	Firmness	Medium
Seedless	Seediness	Seedless
Medium	Shelf-life	Medium
Non-uniform	Colour development under hot climatic conditions	Non-uniform
120-130	Physiological Maturity (days after fruit pruning)	120-130





# Grapes – Punjab MACS Purple



Punjab MACS Purple (H 516)	Characters	Bangalore Blue (Check)
75-80	Juice recovery (%)	50-55
21-24	Total Soluble Solids (°B)	21-23
5.0-6.0	Acidity (g/l)	7.0-8.0
150-200	Bunch weight (g)	200-250
Coloured	Berry pulp colour	Colourless
1.2-1.5	Berry weight (g)	3.0-3.5
Very loose	Bunch compactness	Very dense
130-135	Physiological Maturity (days after fruit pruning)	125-130
13-14	Berry diameter (mm)	16.5-17.5
14.5-15.5	Berry length (mm)	18.0-20.0
Round	Berry shape	Obovate



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# Grapes – Red Globe



Red Globe	Characters	Sharad Seedless
450-750	Bunch weight (g)	300-400
5.0-6.0	Berry weight (g)	2.0-3.0
23-25	Berry diameter (mm)	20-21
23-25	Berry length (mm)	22-24
Round	Berry shape	Obovate
Red	Berry skin colour	Blue black
18.0-19.0	Total Soluble Solids (°B)	19-21
4.0-5.0	Acidity (g/l)	5-6
Very firm	Firmness	Medium
Seeded	Seediness	Seedless
Good	Shelf-life	Medium
Non-uniform	Colour development under hot climatic conditions	Non-uniform
135-145	Physiological Maturity (days after fruit pruning)	120-130





# Guava

- Allahabad Safeda
- Apple colour
- [Arka Amulya](#)
- [Arka Kiran](#)
- [Arka Mridula](#)
- [Arka Poorna](#)
- [Arka Rashmi](#)
- Chittidar
- CISH G-1
- CISH G-35
- CISH-GS 14
- CISH-GS 15
- IIHR 13-14
- Lalit (CISH G-3)
- [MPUAT S-1](#)
- [MPUAT S-2](#)
- Punjab Apple Guava (AC 6-2)
- Punjab Kiran (HB4-1)
- Punjab Safeda
- (HB1-1)
- [RCGH-1](#)
- [RCGH-4](#)
- [RCGH-7](#)
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- Red Fleshed
- Sardar
- Seedless
- Shweta (CISH G-4)
- [SRD H-1](#)
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# Guava – Arka Amulya



Characters	Arka Amulya
Fruit weight (g)	170-190g
Pulp Colour	White
Fruit shape	Round
Seed hardness ( Kgf)	Medium (6 to 8)
TSS (° B)	11 to 12.0
Growth Habit	Semi vigorous
Yield (kg/plant)	25 to 28

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# Guava – Arka Kiran



ArkaKiran	Characters	Kamsari
180-200g	Fruit weight (g)	160 to 170 g
Deep Red	Pulp Colour	Pale Red
Round with prominent calyx scar	Fruit shape	Round with ridged calyx collar
Medium (4 to 6)	Seed hardness (Kgf)	Hard (6 to 9)
12-12.5	TSS (°B)	10-11.5
Semi vigorous	Growth Habit	Semi- Vigorous
0.3 to 0.4	Acidity (%)	0.45 to 0.55
6 to 7.1	Lycopene (mg/100 g)	4.5 to 5.0
180 to 190	Ascorbic acid content	160 to 170
30.30	Oxalate (mg/100 g)	45.5
28-30	Yield (kg/plant)	20-22



# Guava – Arka Mridula



ArkaMridula	Characters	Allahabad Safeda
170-200g	Fruit weight (g)	160 to 180 g
White	Pulp Colour	White
Round	Fruit shape	Round
Soft (3 to 5)	Seed hardness (Kgf)	Medium (6 to 8)
12 to 12.5	TSS (° B)	11 to 12.5
Semi vigorous	Growth Habit	Semi-Vigorous
28 to 30	Yield (Kg/plant)	28 to 30





# Guava – Arka Poorna



Arka Poorna	Characters	Allahabad Safed
200-220	Fruit weight ( g )	160-180
White with thick outer pulp (1.2-1.5 cm)	Pulp Colour	White with thick outer pulp (1.0-1.2 cm)
Round with smooth shiny peel	Fruit shape	Round
Medium (4 to 6)	Seed hardness (Kgf)	Hard (5 to 7))
11 to 12.5	TSS (°B)	11-12.5
Semi vigourous	Growth Habit	Semi vigorous
Table and processing	Suitability	Table
0.4-0.45	Acidity ( % )	0.4-0.45
7.15	Firmness (kg/cm <sup>2</sup> )	5.09
190-200	Ascorbic acid content (mg/100 g)	180-190
29-32	Yield ( kg/plant )	28-30



# Guava – Arka Rashmi



ArkaKiran	Characters	Kamsari
180-200g	Fruit weight ( g )	160 to 170 g
Deep Red	Pulp Colour	Pale Red
Round with prominent calyx scar	Fruit shape	Round with ridged calyx collar
Medium (4 to 6)	Seed hardness (Kgf)	Hard (6 to 9)
12 to 12.5	TSS (°B)	10-11.5
Semi vigorous	Growth Habit	Semi- Vigorous
Both as table and processing	Suitability	Table
0.3 to 0.4	Acidity ( % )	0.45 to 0.55
4.5 to 6.0	Lycopene ( mg/100 g )	4.5 to 5.0
200 to 220	Ascorbic acid content	160 to 170
28.3	Oxalate (mg/100 g)	45.5
28 to 30	Yield ( kg/plant )	20-22





# Guava MPUAT S-1



MPUAT S-1	Characters	Allahaba Safeda
Apple Red	Fruit skin colour at maturity	Light Green
16-18	TSS (°Brix)	11-14
180-190	Vitamin C (mg/100 gm)	180-185
0.30-0.32	Acidity (%)	0.32-0.35
Medium	Seed hardness	Medium
Creamish white	Pulp colour	White
125-170	Fruit weight (g)	135-200
25-40	Yield (kg/tree)	30-45
125-132	Fruit maturity (days)	110-115
Medium (3-5)	Tree Height (m)	Medium (4-6)



# Guava MPUAT S-2



MPUAT S-2	Characters	Allahaba Safeda
165-250	Fruit skin colour at maturity	Light Green
35-50	TSS (°Brix)	11-14
Light Green	Vitamin C (mg/100 gm)	180-185
White	Acidity (%)	0.32-0.35
Medium	Seed hardness	Medium
11-13	Pulp colour	White
0.30-0.32	Fruit weight (g)	135-200
179-182	Yield (kg/tree)	30-45
135-140	Fruit maturity (days)	110-115
Medium (3.5-5)	Tree Height (m)	Medium (4-6)



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# Guava – RCGH-1

Characters	RCGH-1
Productivity status	80-90 kg per plant (6 years age)
Seediness	132-153 seeds/100 g fruit weight
Fruit skin colour	Yellowish white with reddish tinge
Pulp colour	Creamy white
TSS	10.56-10.96 °B
Acidity	0.48 – 0.57 %
Ascorbic acid	218.20-247.67 mg/100 g

RCGH-1 has been recommended for release by the State Seed Sub-Committee for Agricultural and Horticultural Crops, Meghalaya during October, 2018 with a name of Megha Supreme.

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# Guava – RCGH-4

Characters	Descriptor
Pulp colour	Red
Fruit weight	190-200 g
Seediness	167-180 seeds/100g fruit wt.
Productivity status	60-70 kg per plant (6 years age)
TSS °B	9.90 – 10.55
Acidity %	0.51 – 0.62
Ascorbic acid mg/100 g	187 – 204
Tree habit	Spreading

RCGH-4 has been recommended for release by the State Seed Sub-Committee for Agricultural and Horticultural Crops, Meghalaya during October, 2018 with a name of Megha Magenta.

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# Guava – RCGH-7

Characters	Descriptor
Pulp colour	Creamy white
Seediness	114-121 seeds /100g fruit wt.
Tree habit	Drooping
Fruit skin/peel colour	Yellow green with red blush
Productivity status	70-80 kg per plant (6 years age)
TSS	10.17 – 10.84 °B
Acidity	0.45 – 0.56 (%)
Ascorbic acid	201 – 216.98 mg/100 g

RCGH-7 has been recommended for release by the State Seed Sub-Committee for Agricultural and Horticultural Crops, Meghalaya during October, 2018 with a name of Megha Wonder.

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# Guava – RCGH-11

Characters	RCG-11
Seediness	Few (46-55 seeds/100 g fruit weight)
Pulp colour	White
TSS	11.66 – 12.05 °B
Acidity	0.46 – 0.52 %
Ascorbic acid	207 – 218.49 mg/100 g
Productivity status	50-60 kg per plant (6 years age)

RCG-11 has been recommended for release by the State Seed Sub-Committee for Agricultural and Horticultural Crops, Meghalaya during October, 2018 with a name of Megha Seedless.

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# Guava – SRD H-1



Character	SRD1 Safed jam X Red fleshed 1/6
Tree height (m)	Medium (3-3.5)
Average Yield (kg/tree)	30
Flesh colour	Pink Fleshed
Fruit Weight (g)	200-230
TSS (° Brix)	11-12
Softness of the seed	Soft seeded

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# Guava – SRD H-4



Character	SRD 4 (Safed jam X Red fleshed 5/13)
Tree height (m)	Medium (2.5-3.0)
Average Yield (kg/tree)	25
Flesh colour	White fleshed
Fruit Weight (g)	160 - 250
TSS (° Brix)	11-12
Softness of the seed	Soft seeded

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# Jackfruit

- **Burliar-1**
- **G-11a**
- **G-65a**
- **Gumless jack**
- **Konkan Prolific**
- **Muttam Varikka**
- **Palur-1**
- **Pechiparai-1**
- **Sindoor (Red fleshed)**
- **Singapore jack**
- **Swarna**
- **Velipala**

# Jackfruit - Sindoor



Sindoor	Characters	Muttam Varikka
Sunset orange	Flake colour	Yellow
January– February and July–August.	Harvesting	January to April
25-28	Fruits per tree (10 years old)	50-55
298	Yield (kg/tree)	454
11-12	Average fruit weight (kg)	7.84
190-200	Flakes per fruit	138
510	Weight of flakes with seed/ kg fruit (g)	583
52.5	Fruit length (cm)	46.5
75.6	Fruit width (cm)	86.5
5.3	Flake length (cm)	6.3
4.5	Flake width (cm)	6.5
2.9	Flake thickness (mm)	3.6
Suitable	Suitability for chips	Suitable







# Mango

- Alphonso
- [Arka Udaya \(Hybrid-35\) \[Amrapali x Arka Anmol\]](#)
- [Baneshan](#)
- [Banglora \(Totapuri\)](#)
- Bombai
- Bombay Green
- Dashehari
- [Dashehari-35](#)
- Dashehari-51
- Fazli
- Fernandin
- GMH-1 (Sonapari)
- H-1084 (Amarpali x Janardan Pasand)
- H-1-1 (Amrapali x Sensation)
- H-1-6 (Amrapali x Sensation)
- H-1739 (Neelum x Tommy Atkins)
- H-2-6
- (Amrapali x Lal Sundari)
- H-949 (Amrapali x Vanraj)
- Himsagar
- [Hybrid-314 \(Alphonso x Neelum\)](#)
- [Hybrid-360 \(Neelum x Alphonso\)](#)
- Jammu Mango (selection-5)
- [Kesar](#)
- Kishen Bhog
- Langra
- Mallika
- [Mankurad](#)
- Mulgoa
- Neelum
- S. B. Chausa
- [Suvarna \(Hybrid-311\) \[Alphonso x Neelum\]](#)
- Suvarnarekha
- [Vanraj](#)
- Zardalu

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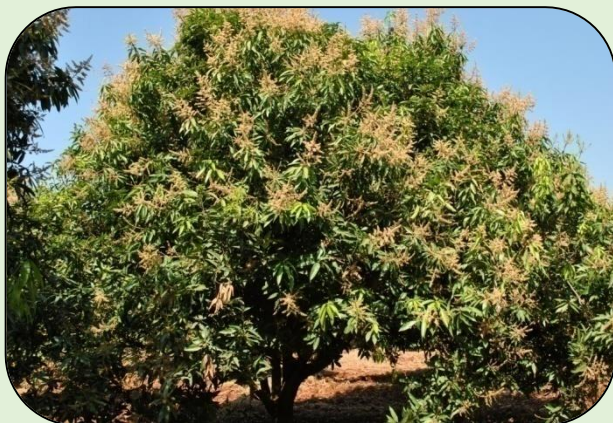


# Mango – Arka Udaya (Hybrid 35)



Characters	Arka Udaya
Parents	Amrapali x Arka Anmol
Habit	semi-vigorous plant, bunch bearing, medium sized fruits
Fruit shape	Oblong
Fruit weight (g)	230-240
Pulp colour	Deep yellow
TSS	24 °B
Total carotenoids (mg/100g)	13.55
Keeping quality (days)	12-15
Yield potential (t/ha)	18-20

# Mango – Beneshan



Character	Beneshan
Bearing Habit	Regular
Average Yield (kg/tree)	60-80
Average Fruit Weight (g)	325-375
TSS (° Brix)	19-21
Suitability of the variety	Table variety



# Mango – Bangalora (Totapuri)



Character	Totapari
Bearing Habit	Highly regular
Average Yield (kg/tree)	120-150
Average Fruit Weight (g)	550-750
TSS (° Brix)	12-13
Suitability of the variety	Processing variety

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# Mango – Dashehari-35









Dashehari-35	Character	Dashehari Local
Medium (5-5.5)	Tree height (m)	Medium (5-5.5)
1 <sup>st</sup> April-5 <sup>th</sup> May	Harvesting period	1 <sup>st</sup> April-5 <sup>th</sup> May
36	Average Yield (kg/tree)	24
140-150	Fruit Weight (g)	110-120
20-23	TSS (° Brix)	20-23
0.2-0.3	Acidity (% citric acid)	0.2-0.3





# Mango – Hybrid 314

	Hy-314	Characters	Alphonso	
	Absent	<b>Spongy tissue</b>	Present	
	Present	<b>Hairiness</b>	Absent	
	6.2	<b>Yield (t/ha)</b>	2.5	
	Medium	<b>Fruit maturity</b>	Early (March to May)	
	190	<b>Av. fruit weight (g)</b>	250	
	Regular	<b>Bearing habit</b>	Alternate	
	Yellow Orange	<b>Pulp colour</b>	Yellow orange	
	69	<b>Pulp content (%)</b>	74.60	
	22.00	<b>T.S.S.(Brix)</b>	21.00	
	0.21	<b>Acidity (%)</b>	0.30	
	26.60	<b>Ascorbic Acid (mg/100 gm)</b>	33.50	
	18	<b>Shelf life (days)</b>	17	

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# Mango – Hybrid 360

Hy-360	Characters	Alphonso
Neelum x Alphonso	Parents	Selection
Bushy, Spreading	Growth habit	Spreading
Early	Fruit maturity	Early
Regular	<b>Bearing habit</b>	Alternate
707	<b>Av. fruit weight (g)</b>	250
6.2	<b>Yield (t/ha)</b>	2.5
Yellow	Fruit peel colour	Yellow
Yellow Orange	Pulp colour	Yellow orange
83	<b>Pulp content (%)</b>	74.60
17.12	T.S.S.(Brix)	21.00
0.28	Acidity (%)	0.30
21.30	Ascorbic Acid (mg/100 gm)	33.50
4750 i.n.u.	Vitamin A (Ripe fruit)	4800 i.n.u.
8	Shelf life (days)	17
Absent	<b>Spongy tissue</b>	Present

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# Mango – Kesar



Kesar	Character	Alphonso
14	Fruit length (cm)	10.5
9.1	Fruit thickness (cm)	8.4
350	Fruit weight (g)	293
Oblong	Fruit shape	Obovoid
Yellow	Colour of ripen fruit	Yellow
Medium thick	Fruit skin thickness	Medium thick
Smooth	Skin texture	Smooth
Firm	Pulp texture	Intermediate
18.9	TSS ( <sup>0</sup> B)	19.8
70.13	Pulp (%)	71
12	Fruit storage life (Days)	15
Strong	Pulp aroma	Strong
37	Stone wt.(g)	38.18
Medium	Fiber	Low
Monoembryony	Type of embryony	Monoembryony
Medium	Maturity	Medium
Excellent	Eating quality	Excellent
Excellent	Fruit attractiveness	Excellent
Sloping gradually in long curve	Slope of shoulders	Rising and than rounded
Strong	Fruit stalk attachment	Strong





# Mango – Mankurad



Mankurad	Character	Alphonso
11.5	Fruit length (cm)	10.5
22.7	Fruit thickness (cm)	8.4
278	Fruit weight (g)	293
Elliptical	Fruit shape	Obovoid
Yellow	Colour of ripen fruit	Yellow
Thick	Fruit skin thickness	Medium thick
Rough	Skin texture	Smooth
Intermediate	Pulp texture	Intermediate
13.5	TSS ( <sup>o</sup> B)	19.8
75.81	Pulp (%)	71
7	Fruit storage life (Days)	15
Mild	Pulp aroma	Strong
22.15	Stone wt.(g)	38.18
High	Fiber	Low
Monoembryony	Type of embryony	Monoembryony
Medium	Maturity	Medium
Average	Eating quality	Excellent
Average	Fruit attractiveness	Excellent
Sloping gradually in long curve	Slope of shoulders	Rising and than rounded
Intermediate	Fruit stalk attachment	Strong











# Mango – Sonpari



Sonpari	Character	Alphonso
13	Fruit length (cm)	10.5
10	Fruit thickness (cm)	8.4
590	Fruit weight (g)	293
Obovoid	Fruit shape	Obovoid
Yellow	Colour of ripen fruit	Yellow
Thin	Fruit skin thickness	Medium thick
Smooth	Skin texture	Smooth
Firm	Pulp texture	Intermediate
19.7	TSS ( <sup>0</sup> B)	19.8
84.58	Pulp (%)	71
10	Fruit storage life (Days)	15
Mild	Pulp aroma	Strong
45.85	Stone wt.(g)	38.18
Low	Fiber	Low
Monoembr yony	Type of embryony	Monoembryon y
Medium	Maturity	Medium
Excellent	Eating quality	Excellent
Excellent	Fruit attractiveness	Excellent
Sloping gradually in long curve	Slope of shoulders	Rising and than rounded
Strong	Fruit stalk attachment	Strong



# Mango – Suvarna (Hybrid-311)

	Hy-311 (Suvarna)	Characters	Alphonso	
	Absent	<b>Spongy tissue</b>	Present	
	7.0	<b>Yield (t/ha)</b>	2.5	
	Early (March to May)	<b>Fruit maturity</b>	Early (March to May)	
	283	<b>Av. fruit weight (g)</b>	250	
	Regular	<b>Bearing habit</b>	Alternate	
	Orange	<b>Pulp colour</b>	Yellow orange	
	72	<b>Pulp content (%)</b>	74.60	
	22.5	<b>T.S.S.(Brix)</b>	21.00	
	0.24	<b>Acidity (%)</b>	0.30	
	27.7	<b>Ascorbic Acid (mg/100 gm)</b>	33.50	
	10	<b>Shelf life (days)</b>	17	

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# Mango – Vanraj



Vanraj	Character	Alphonso
14	Fruit length (cm)	10.5
10.4	Fruit thickness (cm)	8.4
970	Fruit weight (g)	293
Obovoid	Fruit shape	Obovoid
Green with red blush	Colour of ripen fruit	Yellow
Medium thick	Fruit skin thickness	Medium thick
Smooth	Skin texture	Smooth
Intermediate	Pulp texture	Intermediate
14.2	TSS ( <sup>o</sup> B)	19.8
86.01	Pulp (%)	71
6	Fruit storage life (Days)	15
Mild	Pulp aroma	Strong
48.5	Stone wt.(g)	38.18
Low	Fiber	Low
Monoembryony	Type of embryony	Monoembryony
Medium	Maturity	Medium
Good	Eating quality	Excellent
Excellent	Fruit attractiveness	Excellent
Sloping gradually in long curve	Slope of shoulders	Rising and than rounded
Strong	Fruit stalk attachment	Strong





# Papaya

- [Pune Selection-1](#)
- [Pune Selection-3](#)
- TFCP-1
- TFCP-2
- TFCP-3
- TFCP-4

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# Papaya – Pune Selection 1



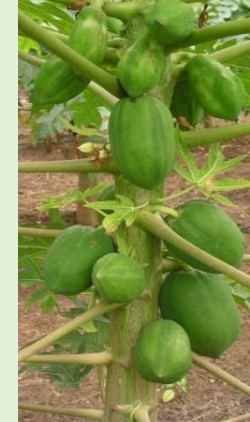
Pune Selection-1	Characters	Nat'l Check (Red Lady)
12-57	*PRSV Intensity (%)	6-95
14.5-23.8	*Fruit yield (kg/tree)	9.5-19.1
14-20	*Yield (Fruits No./tree)	11-17
1059-1305	*Fruit weight (g)	878-1677
8.0-11.5	*TSS ( <sup>o</sup> Brix)	9.2-9.8
Yellow	Pulp Colour	Red, Orange
Registered with ICAR-PGRC, New Delhi (IC0611690; INGR15030) 17.08.2015	Status	Private variety from Known - You Seed (India) Pvt Ltd.
*Range of data during 2014-15 to 2017-18		



# Papaya – Pune Selection 3



Pune Selection-3	Characters	Nat'l Check (Red Lady)
2-60	*PRSV Intensity (%)	6-95
18.4-44.3	*Fruit yield (kg/tree)	9.5-19.1
14-30	*Yield (Fruits No./tree)	11-17
1166-1482	*Fruit weight (g)	878-1677
8.7-11.1	*TSS ( <sup>0</sup> Brix)	9.2-9.8
Pink, Orange, Yellow	Pulp Colour	Red, Orange
Registered with ICAR-PGRC, New Delhi (IC0599272; INGR14016) 31.01.2014	Status	Private variety from Known -You Seed (India) Pvt Ltd.
*Range of data during 2014-15 to 2017-18		





# Sapota

- [DHS-1-2/1](#)
- IIHR-63
- PKM-1
- PKM-2
- PKM-3
- PKM-4
- PKM-5 (Sa)

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# Sapota DHS 1-2/1



DHS – 1-2/1	Characters	DHS - 1
186.31	Yield (kg/tree)	174.00
77.50	Fruit weight (g)	96.40
Cluster Bearing	Bearing Habits	Normal bearing
Tolerant	<i>Phaeophleopora</i> leaf spot disease	Susceptible







# Credits

*The compilers & editors of this e-publication (CD-ROM) on 'Key Characters of Varieties/Hybrids under MLTs of ICAR-AICRP on Fruits duly recognize the efforts of the crop coordinators, nodal officers, officer in-charges, scientists and other staff of the ICAR-AICRP on Fruits in collating the photos, data & information of all the entries under MLTs. The contributors may please excuse for not naming by name. Nevertheless, all the contributors are duly acknowledged as a team of the ICAR-AICRP on Fruits.*

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