



PRODUCT DEVELOPMENT REVIEW

State : Punjab

HQ : Malerkotla

Name : Rajat Kumar



DS_2021-22 Trails



Crop	Y3 Alott ed	Y3 Plant ed	Data recover y	RST Allott ed	RST Plant ed	Data recover y	CT Allotte d	CT Plant ed	Data recovery	OFD Allott ed	OFD Plant ed	Data recover y	Succ ess rate
Chilli				3	3	3	5	5	5	21	21	18	89
Capsicu m	-	-		2	2	2				-	-		100
Radish	-	-		-	-		2	2	2	-	-		100
Brinjal	1	1		-	-		-	-	-	-	-		100
Sponge Gourd	-	-	-	-	-	-	2	2	2	-	-	-	100
Bitter Gourd	-	-	-	3	3	3	1	1	1	-	-	-	100
Bottle gourd							3	3	3				
Carrot	-	-	-	-	-		1	1	1	15	15	12	80
Cucum ber										26	26	26	100



SS-22 Trails Tracker



Crop	Y3 Al ott ed	Y3 Plant ed	Data recover y	RST Allott ed	RST Plant ed	Data recover y	CT Allotte d	CT Plant ed	Data recovery	OFD Allott ed	OFD Plant ed	Data recover y	Succ ess rate
Bitter gourd	-	-	-	1	1	1	1	1	1				100
Bottle gourd	-	-	-	1	1	1	-	-	-	-	-	-	100
Sponge gourd	-	-	-	1	1	1	-	-	-	-	-	-	100
Okra	-	-	-	1	1	1	4	4	4	11	11	11	100



WS-22 Trails Tracker



Crop	Y3 Al ott	Y3 Plant ed	Data recover y	RST Allott ed	RST Plant ed	Data recover y	CT Allotte d	CT Plant ed	Data recovery	OFD Allott ed	OFD Plant ed	Data recover y	Succ ess rate
	ed	Cu	J	Cu	cu	J	u .	Cu		Cu	Cu	J	Tate
Bitter gourd	-	-	-	1	1	1	1	1	1				100
Bottle gourd	-	-	-	-	-	-	2	2	2	-	-	-	100
Sponge gourd	-	-	-	-	-	-	1	1	1	-	-	-	100
Okra	-	-	-	1	1	1	1	1	1	-	-		100
Cauliflower	-	-		7	6	6	-	-	-			-	86
Tomato	2	2	2	1	1	1	2	2	2				100



DS-22-23 Trails Tracker



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Crop	Y3 Alo tte d	Y3 Plante d	Data recovery	RST Allotte d	RST Planted	Data recovery	CT Allotted	CT Planted	Data recovery	OFD Allotte d	OFD Planted	Data recovery	Succes s rate
Bitter gourd	-	-	-	1	1	-	4	4	-	30	30	-	
Bottle gourd	1	1	-	-	-	-	-	-	-	15	15	-	
Sponge gourd	1	1	-	-	-	-	3	3	-	-	-	-	
Pumpkin	1	1	-							-	-		
Cucumber	1	1	-	1	1	-	-	-	-			-	
Chilli	-	-	+	2	2	-	4	4	-				
Pea	-	-	-	1	1	-	-	-	-	-	-	-	
French Bean	-	-	-	1	1	-	-	-	-	-	-	-	
Carrot	-	-	-	-	-	-	2	2	-				
Radish							2	2	1				
Summer Squash				1	1	-							
Onion				1	1	-	1	1	-				
Brinjal	1	1	-	-	-	-	-	-	-	-	-	-	-



Chilli



- DS_20-21: CT-1(1260320):- Green, glossy & attractive fruits, High toughness and pungency.
- DS_21-22: CT-5(VNR-446):- Early, Green to Dark green glossy fruits, low length reduction harvests after harvest, good toughness and pungency.
- Against United-8307



1260320





Brinjal



DS_20-21:

CT-1:- Good yield, Black oval, Good shape and size uniformity, Shining fruits without fading.

CT-3:- Good yield, Purple round, Good fruits uniformity, good plant vigour and good virus tolerance.

DS_21-22:

En_110 & 118:- Purple round, attractive shiny fruits with green calyx, good yield, no colour fading.



CT-1



EN-110



CT-3



EN-118



Bitter gourd



DS_21-22:

- TE-23 (22042):- Med Early, Attractive DG fruits with good uniformity, Med Heat wave tolerance than 22051 & Raja-22(HyVeg). *Fruit quality is very good.
- TE_-26 (22051):- Early than Raja-22(HyVeg), High yielder, Good fruit quality in terms of Colour, Uniformity, Shape & size, Good DM and Heat wave tolerance (bit less than Raja-022).



22042





Cucumber



119121:

- Med early but good yielder
- Dark green attractive fruits
- Good taste and crunchiness,
- Good DM tolerance but suitable for Feb-March sowing window
- Against Nazia, Jumbo





Onion



En-8

- Medium neck
- DR bulb colour
- Globe-flat
- Good size and shape uniformity
- Single concentric







Tomato



CT-1&8

- Early
- Attractive Deep Red
- Flat Round with Avg weight 90gm
- Good Firmness
- Good size and shape uniformity

Against: NS-5013 (Namdhari Seeds)







Activities



- ➤ Honored with Best Performance Award in March-2022
- ➤ Participated with Sales Teams regarding crop knowledge,
 Product Knowledge, Product promotion meetings.
- ➤ Visited Kissan Mela at KVK Bathinda.
- ➤ Visited Territory and met with respective Dealers and Distributers in Bathinda, Sunam, Patiala, Mullanpur Dakhan, Ferozepur, Amritsar, Jammu etc. with Sales and PD Team.
- ➤ Initiated Trails on untouched location i.e Cowpea in Sunam, Bitter gourds in Mukerian and Jammu.











Contd...

- Visited Punjab Agricultural University, Ludhiana and met with Chilli breeder Dr. Salesh Kumar Jindal and discussed about Chilli Variety CH-52 and visited plots in University as well as Farmer's field.
- Successfully Conducted crop tours in DS_21-22,
 SS-22 and WS_22.











Farm Development



- Introduced with New Crops trials *viz.*, Cowpea, Onion, Carrot, Radish, Cauliflower, Garden Pea, French Bean & Summer Squash.
- Improved Agronomic Practices like pre-soaking and Pregermination sowing, Seedling/seed treatment, Improved Low Tunnel Practice with minimizing rod distance etc. Prepared separate Nursery portion with proper fencing.
- Increased Farm area as per trial load.
- Farmers panel participation in product selection.



