



SUCCESS OF SEED HUB PROJECT

on

"Creation of Seed Hubs for Enhancing Quality Seeds
Availability of Major Oilseeds Crops - Groundnut"

at

Junagadh Agricultural University, Junagadh



Introduction

Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi has approved the project **“Creation of Seed Hubs for Enhancing Quality Seeds Availability of Major Oilseeds Crops– Groundnut”** and allotted to Junagadh Agricultural University, Junagadh in 2018-19.

Method of working

- Certified seeds of less than 10 years old varieties are produced under the Seed Hub.
- Certified seeds procurement price (given to seed producers of groundnut seeds) and seed selling price of certified seed for commercial seed production is fixed by the Government of Gujarat, Gandhinagar for Gujarat State Seed Corporation, Gandhinagar. JAU, Junagadh approves same rate as seed procurement price and seed selling price for university produced seeds for all crops including groundnut.
- Transportation charge of certified seeds (sealed by Seed Certification Officer of GSSCA at farmers field) from farmers field to godown of university is paid to the farmer @ Rs. 0.50 per 1 kg (distance not taken into consideration)
- When sealed certified seed reached to godown, around 90-95 per cent as seed procurement payment of market price (this also fixed by the GSSC, Gandhinagar) is being paid to the farmers immediately. After processing of pods in Groundnut Rotary Grader (a machine approved by GSSCA for groundnut pod processing), whatever “A” grade certified pods recovered, on that quantity, the final seed procurement payment is made to the farmers as per the same rate fixed by the Government of Gujarat for GSSC, Gandhinagar.
- Final seed procurement payment of GSSC (fixed by Gujarat Government) includes the seed procurement incentives (production subsidy/sahay), that is to be paid to the farmers. Government of Gujarat is giving this production incentive separately to the GSSC as per the norms of NFSM and NMOOP, that is Rs. 2500/- per 1 (one) quintal in oilseeds. JAU, Junagadh with good collaborative efforts with the officials of Director of Agriculture, Government of Gujarat, tried for inclusion of production incentives for university produced certified seed and getting the production incentives from 2018-19 in groundnut.
- The university is selling the certified seed with same price that is being fixed by Government of Gujarat for GSSC, Gandhinagar. However, GSSC, Gandhinagar is getting the seed distribution subsidy from different schemes (RKVY, NFSM, NMOOP etc.) and selling the seed with subsidy benefit of Rs. 40/- per kg in oilseeds. JAU, Junagadh, also submitting the project entitled “Seed Replacement Rate Enhancement” to the Director of Agriculture, Govt. of Gujarat, for getting help of such seed distribution subsidy under RKVY for every year since 2017-18 in the month of December for the next financial year.

Seed production against the target under the seed hub - groundnut at JAU, Junagadh

Crop	Variety	Seed production target (q)					Seed produced (q)				
		2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
Groundnut	GJG 22	600	750	800	500	500	891.00	1041.25	804.65	1038.65	439.25
	GJG 32	-	-	200	500	500	-	-	288.05	1094.30	1778.00
Grand Total		600	750	1000	1000	1000	891.00	1041.25	1092.70	2132.95	2217.25

Revolving fund status of seed hub - groundnut at JAU, Junagadh (Rupees in lakhs)

Year	Opening Balance	Release	Income	Total	Expenditure	Balance available under RF at the end of year
2018-19	100.00	100.00	0.00	100.00	47.24	52.76
2019-20	-	52.76	80.06	132.82	63.18	69.64
2020-21	-	69.64	102.36	172.00	68.73	103.27
2021-22	-	103.27	134.31	237.58	119.53	118.05
2022-23 (Up to 04/11/2022)	-	118.05	285.46	403.51	46.49	357.02

Creation of infrastructure facility under seed hub - groundnut at JAU, Junagadh

Allocation (Rs in lakhs)	Grant allotted (Rs in lakhs)	Expenditure (Rs in lakhs)	Infrastructure created
50.00	50.00	50.00	1. Seed Storage Godown at Sagdividi Farm 2. Renovation of Threshing Yard at Sagdividi Farm 3. Seed Sell Office at Seed Hub Godown



Seed Hub Godown at Sagdividi Farm



Groundnut Rotary Grader



Renovated Threshing Yard at Sagdividi Farm



Stored Certified Groundnut Seeds



Seed Sell Office at Seed Hub Godown



Brand Logo of JAU

*Direct benefit of subsidy to the farmers of Gujarat from 2018-19 to 2022-23 under
RKVY Seed Replacement Rate Enhancement Project at JAU, Junagadh*

Year	Variety	Stage	Farmer category			Quantity of seed sold (q)	Direct benefit of subsidy (Rs.)
			General + OBC	SC	ST		
Kharif 2018-19	GG 20	Certified	103		2	296.40	1136200
		Truthful	87			154.20	539700
		Foundation	7			21.90	83950
	GJG 22	Foundation	58			172.20	660100
		Certified	285	1	4	489.00	1874500
	Total		540	1	6	1133.70	4294450
Kharif 2019-20	GJG 22	Certified	322	2	2	828.30	3313200
	Total		322	2	2	828.30	3313200
Kharif 2020-21	GJG 22	Certified	449	1	11	1092.9	4371600
	GJG 32	Certified	16	0	0	31.2	124800
	Total		465	1	11	1124.10	4496400
Kharif 2021-22	GJG 22	Certified	327	2	2	808.20	3232800
	GJG 32	Certified	102	0	0	287.70	1150800
	Total		429	2	2	1095.9	4383600
Kharif 2022-23	GJG 22	Certified	424	4	6	1065.60	4262400
	GJG 32	Certified	416	3	6	1083.00	4332000
	Total		840	7	12	2148.6	8594400

*Production subsidy/incentives given to groundnut seed producers under the project
“Certified seed production of groundnut under NMOOP”*

Sr. No.	Year	Grant sanctioned and allotted (Rs.)	Subsidy given to the farmers under seed production @ 75 % (Rs.)	Subsidy meet to the Department/University under seed production @ 25 % (Rs.)
1	2018-19	20,31,000	15,23,257	5,07,743
2	2019-20	24,19,500	18,14,625	6,04,875
3	2020-21	25,65,750	19,24,313	6,41,437
4	2021-22	51,19,500	38,39,624	12,79,876

Key for success of Groundnut Seed Hub, JAU, Junagadh

- Same procurement price and selling price adopted by Gujarat State Seed Corporation.
- Regardless of distance transportation charge paid to the farmer is Rs. 0.50 per 1 kg
- 90-95 per cent seed procurement payment of market price is being paid to the farmers immediately
- Final seed procurement payment- production subsidy of Rs. 2500/- per 1 quintal in oilseeds and production incentives of Rs. 53 lakh in groundnut seed hub programme (*kharif*2023)
- Seed distribution subsidy is Rs. 40/- per kg in oilseeds

Suggestions for successful implementation of Seed Hubs

- Appreciation to good performing center crop wise and year wise
- State Department of Agriculture are not taking any seeds from seed hubs for demonstrations under various schemes in terms of MINIKIT, so this should be implemented in strong way
- There should be a MoU for seed selling/distribution with NSC at National level and at state level with State Seed Corporation or with FPOs.
- As Government Public Sector like State Seed Corporation gave the seed procurement incentives or Seed Distribution subsidy, such things should be implemented at national level by the Nodal Agency/Center of respective seed hubs for successful revival of seed hubs.



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