Achievement, WRS, Bardoli

***** Contribution in the release of Varieties:

Bardoli is the testing center for wheat and paddy crops. This station has contributed in the release of the following wheat varieties from Main Wheat Research Centre, SDAU, Vijapur and Main Rice Research Station, NAU, Navsari

CCIT	Name of	Name of	Year of	Chief characteristics				
Sr.	crop	Verities	released	Ciner characteristics				
No.	СГОР	Vertices	released					
1.	Wheat	GW-273	1997	High yielding & early maturing than GW-190 by one week.				
2.	Wheat	GW-1139	1999	Early maturity, high protein content & excellent bread making				
		(Durum)		properties and very good resistant to grain shattering suitable for				
				normal sowing.				
3	Wheat	GW-496	1989	Semi erect, good tillering, stem color deep with blooming & pale				
				green hair auricle, grains hard, amber colour, har texture, medium				
				size, very good				
4	Wheat	GW-173	1992	Dwarf, extra early maturing intermediate growth habit, stem color				
				light green with blooming & pale auricle, grain amber colour, small,				
				lustrous hard, very good protein content, good chapatti making				
				properties.				
5	Wheat	GW-322	2003	High yielding than GW-273 & midlate and medium grain with good				
				luster.				
5	Wheat	GW 366	2007	Suitable for timely irrigated cond.for central Zone				
7	D 11	CD 12	2005	N 1 1 2 0 1 4 2 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
8	Paddy	GR-12	2005	Non-lodging & shattering and easy to thresh, good cooking quality with				
9	Wheat	CW 11	2009	fine grain. Suitable for timely sowing with limited irrigation (3 irrigation)				
10	Paddy	GW-11 GNR-2	2010 (GR-	Salt tolerant, Fine Grain, Superior over GR-11 non scented with good				
10	raddy	GINK-2	103 x	cooking quality				
			Pokkali)	COOKING quanty				
11	Paddy	GNR-3	2011-12	GNR-3 especially suitable for poha making. It gives 18% more yield				
1.1	raday	Graci	2011 12	than Gurjari.				
12	Paddy	GNR 7	2016-17	TP rice for Normal & Salt affected areas of south Gujarat . Moderate				
				resistance to Biotic Stress				
13	Paddy	GNRH 1	2015	Superiority over the GR 7, NAUR 1 & Suruchi 5629, Kernel Length &				
		(Hybrid	(NVSR-	breadth 7.50mm & 2.11 mm & L/B ratio 3.55mm, moderately resistant				
		rice)	MS1 x	against BLB & SR, moderately tolerant reaction against SB & SM				
			12SP105)					
14	Wheat	GW 451	2016	Suitable for timely irrigated cond. for central Zone				
15	Paddy	GR 16	2018 (GR-5	Early maturing upland rice variety GR-16 recorded 2983 kg/ha mean				
		(Tapi)	X Destate and	grain yield in Gujarat. It exhibited overall 10.6 and 29.0 per cent grain				
1.0	D. 11	CD 17	Danteswari)	yield superiority over the checks Purna and GR 5, respectively.				
16	Paddy	GR 17	2018	The average yield of early maturing rice variety GR-17 is 5566 kg/ha in				
		(Sardar)	(Gurjari x	- J J				
			Jaya)	superiority over the checks Jaya, Gurjari and GNR-3, respectively in addition to earliness by 8 days over GNR-3. Long bold grain rice culture				
				GR-17 possesses good grain quality, intermediate amylose and high head				
				rice recovery. The proposed variety is moderately resistant against				
				bacterial leaf blight, leaf blast, grain discoloration and sheath rot. The				
				proposed variety showed moderately resistant reaction against WBPH				
				and leaf folder. Rice variety NVSR-2117 is recommended for				
				transplanted rice growing areas of Gujarat as GR17.				
17	Wheat	GW 499	2019	Late sown irrigated, yield 49.75 qt/ha, high protein quality (13.9%),				
				Zinc (50.99 ppm) and good chapatti making properties.				

18	Paddy	GNR 8 (Arti)	2020 (IET- 19347 x RP-4075- 129-07-3)	The early maturing rice culture, GNR-8 (4700 kg/ha) performed very well in South Gujarat under aerobic condition and it exhibited overall 18.6 % and 13.9 % grain yield superiority with easy threshability over the checks NAUR-1 and GNR-3, respectively. It has long bold grain, more productive tillers and more number of grains per panicle. It contains good amount of amylose content (24.42%), protein content (6.52%) and high head rice recovery (64.2%). GNR-8 is moderately resistant against bacterial leaf blight, grain discoloration and sheath rot. It is tolerant to brown plant hoppers and moderately resistant to stem borer, leaf folder and sheath mite. This variety NVSR-396 (GNR-8) recommended for aerobic rice growing areas of Gujarat.
19	Paddy	GR 18 (Devli Kolam)	2020 (GAR-13 x JGL-3828)	Early maturing, nonlodging culture NVSR-2528 showed 29.06 % and 8.38 % grain yield superiority over checks GR-4 and Mahisagar, respectively. The culture NVSR 2528 performed very well in South Gujarat where it exhibited overall 35.6 per cent grain yield superiority over check GR 4 with moderately resistant against LB, GD & SR, moderately tolerant reaction against WBPH, SB, LF & SM. Rice variety NVSR-2528 (GR-18) recommended for transplanted rice growing areas of Gujarat
20	Paddy	GNR 9 (Lalkada Gold)	2021 (IR 28 x Lalkada)	The nutritionally rich red rice variety GNR 9, (Lal Kada Gold) (NVSR-2756) (4200 kg/ha) performed well in Gujarat state where it exhibited overall 40.4 % and 19.7 % grain yield superiority over check varieties Lalkada and GNR-4, respectively.
21	Paddy	GR-24 (Parimal)	2022 (Gurjari x IR-28)	The early maturing, nonlodging rice variety GR-24 (Parimal) in transplanted condition during kharif season. The proposed genotype recorded an average grain yield of 5038 kg/ha in Gujarat, which was 21.8 %, 9.9 %, 9.0% and 4.8 % higher over the check varieties GR-7, GR-15, GAR-3 and GNR-5, respectively.
22	Sunhemp	GNSU-1 (Vijay)	2022-23	
23	Fenugreek	GM-4, NFG-202 (Supriya)	2022-23	
24	Okra	GNO-2	2024-25	

Research Recommendations Made for the farmers:

- 1. Centre Contributing to the testing of the early maturing, non-lodging rice variety GR-24 (Parimal) in transplanted condition during kharif season. The proposed genotype recorded average grain yield of 5038 kg/ha in Gujarat, which was 21.8 %, 9.9 %, 9.0% and 4.8 % higher over the check varieties GR-7, GR-15, GAR-3 and GNR-5, respectively. Long slender grain rice variety GR-24 contains intermediate amylose (24.8%) and medium head rice recovery (58.2%). The proposed variety showed moderately resistant against leaf blast disease and brown plant hopper and white backed plant hopper pests. (Year of recommendation, 2021-22)
- 2. Centre Contributing to the testing of the nutritionally rich red rice variety GNR 9, (Lal Kada Gold) (NVSR-2756) (4200 kg/ha) performed well in Gujarat state where it exhibited overall 40.4 % and 19.7 % grain yield superiority over check varieties Lalkada and GNR-4, respectively. Long slender grain rice variety NVSR-2756 contains intermediate amylose (21.5%) with high head rice recovery

- (56.24%) with Protein (8.44%), 3.4 ppm Ironand 19.17 ppm Zinc in polished rice. The proposed variety showed moderately resistant against leaf blast. NVSR-2756 is moderately resistant to stem borer, Leaf folder and sheath mite. Rice variety NVSR-2756 recommended for rice growing areas of Gujarat as GNR 9 (Lalkada Gold). (Year of recommendation, 2020-21)
- 3. Centre Contributing to the testing of var. GW 499, which was released year, 2020, from Main Wheat Research Centre, SDAU, Vijapur, and the Farmer of south Gujarat growing wheat under irrigated conditions and rice-wheat cropping sequence strong in south Gujarat. So, recommended the var. GW 499 for late sown, early maturing, high-temperature tolerance, and high yield variety for south Gujarat farmers. (Year of recommendation, 2019-2020)
- **4.** Centre Contributing to the testing of var. GNR 8 (Arti), which was released year, 2019, from Main Rice Research Centre, NAU, Navsari, and The early maturing rice culture, GNR 8 (4700 kg/ha) performed very well in South Gujarat under **aerobic conditions** and it exhibited an overall 18.6 % and 15.2 % grain yield superiority with easy threshability over the checks NAUR-1 and GNR-3, respectively. It has long bold grain, more productive tillers, and more number of grains per panicle, and is recommended for aerobic rice growing areas for the Farmer of south Gujarat growing rice under irrigated conditions. **(Year of recommendation, 2019-2020)**
- 5. Centre Contributing to the testing of the rice variety GR 18 (Devli Kolam) (5462 kg/ha) performed well in Gujarat state where it exhibited overall 29.1 %, and 8.4 % grain yield superiority over check varieties GR-4 and Mahisagar, respectively and Early maturing, non-lodging culture. The proposed variety showed moderately resistant against leaf blast, grain discoloration and sheath rot. The proposed variety showed moderately tolerant reaction against white backed plant hopper, leaf folder, stem borer and sheath mite. Rice variety GR 18 recommended for rice growing areas of Gujarat. Due to early maturity, the Farmer of south Gujarat grows wheat under irrigated conditions in the next season also because of rice-wheat cropping sequence is strong in south Gujarat. (Year of recommendation, 2019-2020)
- 6. The Farmer of south Gujarat growing wheat under irrigated condition are advised to adopt precision land leveling technique with laser leveler advise to prepare their land maintaining a slope of 0.15% to obtain higher (18.3%) yield, higher net income(Rs. 9041/-ha)and additional water saving (565 m³/ha)over those under traditionally leveled field. (Year of recommendation, 2015-16)
- 7. The farmers of South Gujarat heavy rainfall agro-climatic zone (AES III) growing wheat under irrigated conditions are recommended to adopt precision land

- leveling technique with laser leveler device to prepare their land maintaining a slope of 0.15% to obtain a higher yield of wheat along with additional water saving through application of six irrigations each 50 mm depth over those under traditionally leveled fields require six irrigations each of 60 mm depth. Further, once the sloppy land is developed it will be effective for three years. (2013-14)
- **8.** The farmers of south gujarat of heavyrainfall agroclimatic zone adopting paddy(k)-paddy(s)are advise to follow paddy(k)-caster(r)-green manure(s) or paddy(k)-sorghum(r)-green manure(s)sequence for realising higher net income to the tune of 12 to 16 per cent as compared to paddy(k)-paddy(s)sequence. Further, these sequences also improve physical condition of soil along with saving of 62 per cent OF irrigation water in comparison to summer paddy. (year of recommendation 2011-12).
- 9. The farmer of south Gujarat heavy rainfall zone(AES-III) growing paddy are advised to adopt the SRI method (10-12 days old seedling per hill at 25cm x 258cm spacing) to realize higher grain yield and net income (42,383 Rs/ha) with BCR of 1:2.47. Alternatively, from a soil and water saving (40 %) point of view they are advised to adopt aerobic sowing (irrigated drilled) of rice at a row spacing of 30cm to get A higher cost: benefit ratio (1:2.36) as compared to conventional paddy cultivation. (year of recommendation: 2011-12)
- 10. It is recommended to the farmers of South Gujarat growing high yielding high nitrogen responsive bacterial blight susceptible rice varieties such as GR-11 in the endemic bacterial blight area to apply 100kg/ha nitrogen, either from neem cake, coaltar coated urea or urea or ammonium sulphate in three splits, viz; 40% nitrogen at the time of transplanting, 40% nitrogen at tillering stage and 20% nitrogen at panicle initiation; to save the crop from the bacterial blight damage and loss of yield. The increased dose of the nitrogen beyond the optimum dose (i.e.100 kg N/ha) of nitrogen to the rice was found responsible for the increasing trend of bacterial blight damage resulting in drastic reduction of yield.
- **11.** The farmers of south Gujarat Agro climatic zone. Situation III following the paddy wheat cropping sequence are advised to apply the recommended individual crop close of N & P specific to both the crop for getting the economical return. **(Year of recommendation 1992-93)**
- 12. The farmers of south Gujarat Agro climatic zone situation III following Paddy wheat cropping sequence. Apply P_20_5 @ 100 % of recommended dose to paddy and 50 % of the recommended dose to wheat crop. It will give the same income as 100 % the recommended dose to wheat crop. It will give the same income as 100 % the recommended dose to end crop. (Year of recommendation 1993-94).

Seed Production: - (2007-08 to 2021-22)

X 7	G	C	77	G.	Area	prod.	Productivity
Year	Season	Corp	Variety	Stage	(Ha)	(Kg)	kg/ha
2007-08	Kharif	Paddy	GR-3	Foundation	1.17	4595	3927
		-,,-	Gurjari	Certified	1.50	4250	2833
		-,,-	Jaya	-,,-	4.97	24990	5028
	Rabi	Wheat	Lok-1	Breeder	1.97	8100	4112
		-,,-	GW-496	-,,-	2.16	7700	3565
2008-09	Kharif	Paddy	GR-3	Foundation	0.90	4060	4511
		,,-	Gurjari	Certified	0.50	2365	4730
		-,,-	Jaya	-,,-	5.90	28730	4869
	Rabi	Wheat	Lok-1	Breeder	2.55	7410	2495
		-,,-	GW-496	-,,-	2.97	5985	2347
2009-10	Kharif	Paddy	GR-3	Foundation	1.00	4650	4650
		-,,-	Gurjari	Certified	1.00	4520	4520
		-,,-	Jaya	-,,-	5.21	30230	5802
	Rabi	Wheat	Lok-1	Breeder	2.96	8020	2710
			GW-496	-,,-	2.63	6620	2517
2010-11	Kharif	Paddy	Gurjari	Certified	0.90	3350	3722
		-,,-	Jaya	-,,-	6.26	28900	4616
	Rabi	Wheat	Lok-1	Breeder	2.92	9800	3356
			GW-496	-,,-	3.03	8950	2953
2011-12	Kharif	Paddy	Gurjari	Certified	0.90	3150	3500
		-,,-	Jaya	-,,-	6.26	30030	4797
	Rabi	Wheat	GW-496	-,,-	3.09	11555	3739
		s'cane	Co 86032	F1	1.18	114 tones	96 tones
	Summer	Paddy	Gurjari	truthful	0.50	2170	4340
		Green Gram	Meha	"_"	1.10	1400	1272
2012-13	kharif	Paddy	Jaya	Certified	5.30	24,990	4715
	D 11	_"_	GNR.3	truthful	0.40	1845	4612
	Rabi	Wheat	Lok 1	Breeder	5.00	15340	3068
0010.11	***	s'cane	Co 86032	General Ratoon	1.18	67 Tone	57 Tone
2013-14	Kharif	Paddy	Jaya	Foundation	2.00	8470	4235
			-"-	Certified	3.60	13280	3688
	D 1:	-,,- xxx	GNR-3	Truthful	0.40	1100	2750
	Rabi	Wheat	Lok.1	Breeder	5.00	12800	2560
		''	Lok 1	Truth ful	0.20	650	3250
	C	_"_ C. C	GW 496	Truth	0.10	370	3700
15 2014	Summer	G. Gram	Meha	Certified	1.20	1500	1250
15-2014	Kharif	Paddy	jaya	Foundation	2.11	11330	5370 4987
		,,-	Jaya	Certified	4.80	23940	
	Dob:	-,,- Wheat	GNR 3	Truthful	0.50	2865	5730
	Rabi	Wheat	Lok-1	Breeder	3.00	11100	3557
	Cumman	-,,- Doddy	GW-496	-,,- Tenthful	1.00	2500	2500
	Summer	Paddy	Jaya	Truthful	0.60	2800	4666
			G. gram	Certified	1.83	1980	1081

2015-16	Kharif	Paddy	Jaya	Foundation	0.79	3920	4962
		,,-	Jaya	Certified	6.51	31430	4827
		Wheat	Lok-1	Breeder	3.02	9220	3053
	Rabi	-,,-	Lok.1	Truthful	1.10	3720	3381
		<i>"</i>	GW-496	Truthful	1.00	2820	2820
	Summer	Greem gram	meha	Foundation	0.80	740	925
		8	meha	Certified	0.80	910	1138
2016-17	Kharif	Paddy	Jaya	Foundation	0.79	3380	4225
		,,-	Jaya	Certified	4.42	18815	4406
		,,	GNR 3	Certified	1.00	4870	4870
	Rabi	Wheat	Lok-1	Breeder	3.00	7900	2633
		-,,-	Lok.1	Truthful	0.98	2945	2945
		<i>"</i>	GW-496	Truthful	1.13	2215	2215
	Summer	G.Gram	Meha	Certified	1.20	1400	1166
2017-18	Kharif	Paddy	Jaya	Foundation	0.79	3810	4762
		,,-	Jaya	Certified	3.60	16940	4705
		77	GNR 3	Certified	2.00	8330	4165
	Rabi	Wheat	Lok-1	Breeder	2.00	6080	3040
		-,,-	Lok.1	Truthful	0.84	2105	2476
		,,	GW-496	Breeder	1.00	2742	2742
			GW-496	Truthful	1.00	2530	2530
	Summer	G.Gram	GM-6	Truthful	1.60	1440	900
2018-19	Kharif	Paddy	Jaya	Foundation	0.42	2170	5166
			Jaya	Certified	3.43	18480	5387
			GNR 3	Certified	2.15	9940	4623
			GNK-/	Truthful	0.79	4060	5139
	Rabi	Wheat	GNR-7 Lok-1	Truthful Breeder	0.79 2.11	4060 6080	5139 2882
	Rabi						
	Rabi	Wheat	Lok-1	Breeder	2.11	6080	2882
	Rabi		Lok-1 Lok.1	Breeder Truthful	2.11 0.84	6080 2105	2882 2506
	Rabi		Lok-1 Lok.1 GW-496	Breeder Truthful Breeder	2.11 0.84 1.00	6080 2105 2920	2882 2506 2920
2019-20		-,,-	Lok-1 Lok.1 GW-496 GW-496	Breeder Truthful Breeder Truthful	2.11 0.84 1.00 1.25	6080 2105 2920 3360	2882 2506 2920 2688
2019-20	Summer	G.Gram	Lok-1 Lok.1 GW-496 GW-496 GM-6	Breeder Truthful Breeder Truthful Truthful	2.11 0.84 1.00 1.25 1.60	6080 2105 2920 3360 1160	2882 2506 2920 2688 725
2019-20	Summer	G.Gram	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya	Breeder Truthful Breeder Truthful Truthful Foundation	2.11 0.84 1.00 1.25 1.60 0.90	6080 2105 2920 3360 1160 4015	2882 2506 2920 2688 725 4461
2019-20	Summer	G.Gram	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya	Breeder Truthful Breeder Truthful Truthful Foundation Certified	2.11 0.84 1.00 1.25 1.60 0.90 2.50	6080 2105 2920 3360 1160 4015 11505	2882 2506 2920 2688 725 4461 4602
2019-20	Summer	G.Gram	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94	6080 2105 2920 3360 1160 4015 11505 12840	2882 2506 2920 2688 725 4461 4602 4367
2019-20	Summer Kharif	G.Gram Paddy	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80	6080 2105 2920 3360 1160 4015 11505 12840 2425	2882 2506 2920 2688 725 4461 4602 4367 3032
2019-20	Summer Kharif	G.Gram Paddy Wheat	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400	2882 2506 2920 2688 725 4461 4602 4367 3032 3400
2019-20	Summer Kharif	G.Gram Paddy Wheat	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666
2019-20	Summer Kharif	G.Gram Paddy Wheat	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560
2019-20	Summer Kharif Rabi	G.Gram Paddy Wheat	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128
2019-20	Summer Kharif Rabi	G.Gram Paddy Wheat,	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496	Breeder Truthful Breeder Truthful Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Foundation	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500
	Summer Kharif Rabi Summer	G.Gram Paddy Wheat, G.Gram Paddy	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496 GM-7 GRH-2	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Breeder Truthful Truthful Truthful Truthful Truthful Truthful Truthful	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.80	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712
	Summer Kharif Rabi Summer	G.Gram Paddy Wheat, G.Gram Paddy	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496 GM-7 GRH-2 Jaya	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Breeder Truthful Foundation Truthful Foundation	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.80 0.90	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570 4270	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712 4744
	Summer Kharif Rabi Summer	G.Gram Paddy Wheat, G.Gram Paddy	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496 GM-7 GRH-2 Jaya Jaya	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Breeder Truthful Foundation Truthful Foundation Certified	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.80 0.90 2.40	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570 4270 10570	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712 4744 4404
	Summer Kharif Rabi Summer	G.Gram Paddy Wheat, G.Gram Paddy	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496 GW-496 GM-7 GRH-2 Jaya Jaya GNR 3	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Foundation Truthful Foundation Certified Certified Certified	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.80 0.90 2.40 2.80	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570 4270 10570 12110	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712 4744 4404 4325
	Summer Kharif Rabi Summer Kharif	G.Gram Paddy Wheat, G.Gram Paddy Paddy	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496 GM-7 GRH-2 Jaya Jaya GNR 3 GR-17	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Foundation Truthful Foundation Certified Certified Truthful	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.80 0.90 2.40 2.80 0.80	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570 4270 10570 12110 3180	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712 4744 4404 4325 3975
	Summer Kharif Rabi Summer Kharif	G.Gram Paddy Wheat -,,- G.Gram Paddy Paddy Wheat	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GM-7 GRH-2 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Foundation Truthful Foundation Truthful Foundation Truthful Foundation Certified Certified Truthful Breeder	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.80 0.90 2.40 2.80 0.80 1.00	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570 4270 10570 12110 3180 2320	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712 4744 4404 4325 3975 2320
	Summer Kharif Rabi Summer Kharif	G.Gram Paddy Wheat -,,- G.Gram Paddy Paddy Wheat	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496 GM-7 GRH-2 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 Lok.1	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Foundation Truthful Foundation Truthful Foundation Truthful Foundation Certified Certified Truthful Breeder Truthful	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.90 2.40 2.80 0.80 1.00 1.00	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570 4270 10570 12110 3180 2320 1960	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712 4744 4404 4325 3975 2320 1960
	Summer Kharif Rabi Summer Kharif	G.Gram Paddy Wheat -,,- G.Gram Paddy Paddy Wheat	Lok-1 Lok.1 GW-496 GW-496 GM-6 Jaya Jaya GNR 3 GR-17 Lok-1 Lok.1 GW-496 GW-496 GM-7 GRH-2 Jaya Jaya GNR 3 GR-17 Lok-1 Lok-1 Lok-1 Lok-1	Breeder Truthful Breeder Truthful Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder Truthful Foundation Truthful Foundation Truthful Foundation Truthful Foundation Truthful Foundation Certified Certified Truthful Breeder Truthful Breeder	2.11 0.84 1.00 1.25 1.60 0.90 2.50 2.94 0.80 1.00 1.20 2.00 1.09 0.80 0.80 0.90 2.40 2.80 0.80 1.00 1.00 1.00 1.00	6080 2105 2920 3360 1160 4015 11505 12840 2425 3400 3200 5120 2320 1200 570 4270 10570 12110 3180 2320 1960 5320	2882 2506 2920 2688 725 4461 4602 4367 3032 3400 2666 2560 2128 1500 712 4744 4404 4325 3975 2320 1960 2660

2021-22	Kharif	Paddy	Jaya	Certified	0.80	3750	4688
		,,-	GNR 3	Foundation	0.90	4200	4667
			GNR 3	Certified	2.40	7890	3288
			GR 17	Truthful	2.40	10025	4177
	Rabi	Wheat	GW-499	Breeder	1.00	2800	2800
			GW-499	Truthful	0.20	180	900
		-,,-	GW-496	Breeder	2.00	5840	2920
			GW-496	Truthful	1.20	3200	2667
			Lok.1	Truthful	1.00	2680	2680
			GW-451	Truthful	0.20	300	1500
		Gram	GG-5	Truthful	0.40	340	850
	Summer	G. Gram	GM-7	Foundation	0.80	530	663
2022-23	Kharif	Paddy	GR 17	Foundation	0.80	4130	5163
		,,-	GR 17	Certified	2.40	10640	4433
			GR 17	Truthful	1.20	5530	4608
			GNR 3	Certified	2.80	13000	4643
	Rabi	Wheat	GW-496	Breeder	2.00	5200	2600
			GW-496	Truthful	2.40	5600	2333
		-,,-	GW-451	Truthful	0.15	440	2933
			Lok.1	Truthful	0.80	2240	2800
		Indian Bean	GNIB-22	Truthful	0.25	27	108
	Summer	G. Gram	GM-7	Foundation	0.80	890	1113
2023-24	Kharif	Paddy	GR 17	Foundation	0.80	4410	5513
		,,-	GR 17	Certified	3.20	15500	4844
			GR 25	Truthful	1.20	7000	5833
			GNR 3	Certified	2.00	7000	3500
	Rabi	Wheat	GW-499	Breeder	2.00	4000	2000
		-,,-	LOK 1	Breeder	1.00	2400	2400
			Lok.1	Truthful	0.80	1920	2400
			GW-496	Truthful	1.00	1880	1880
	Summer	G. Gram	GM-7	Foundation	0.80		
		G. Gram	GM-7	Truthful	0.80		