

**INFORMATION OF WHEAT RESEARCH STATION, NAVSARI AGRICULTURAL UNIVERSITY,
BARDOLI**

Name of centre	Wheat Research Station, Navsari Agricultural University,,Bardoli
Year of Establishment	June,1972
Mandate& Objectives of the Centre	Evaluation of Wheat Varieties suitable for late sown irrigated condition after Paddy and to develop the early maturing high yielding rust resistant Wheat variety for south Gujarat. 1. To develop an early maturing high yielding variety which can be fit in Rice-Wheat Cropping Sequences Taken after paddy by late sown in irrigated condition of south Gujarat. 2. To develop high yielding, Late heat tolerance, Rust disease resistant wheat for south Gujarat region 3. Screening of high temperature tolerance culture of Wheat crop for South Gujarat.

Details of Land at the centre (ha)

Cultivated	Irrigated	Non-Irrigated	Road margin	Area under Infrastructure	Total
1	2	3	4	5	(1+4+5)
7.61 ha	7.61 ha	0.0 ha	0.25 ha	0.84 ha	8.70

Details of Scheme (2020-21)

Funding Agency	Budget Head	Title of Scheme/Project	Name of PI	Year of Starting
Plan	12004-1	Strengthening Research in wheat	Dr. R. D. Vekariya	1981
Non Plan	5004	Research in wheat	Dr. R. D. Vekariya	1972

Details of manpower at the centre (31.07.2020)

Funding Agency	Name of employee	Designation	Pay scale	B.H.
Plan	Dr. R. D. Vekariya	Assistant Research Scientist	57700-182400	12004-1
Non Plan	Shri A V Malviya	A.O.	38090 (Fix)	5004
	Shri M B Suchal	Agril. Assist.	25500-81200-0-0	
	---Vacant---	Agril. Assist.	-----	
	---Vacant---	Clerk	-----	

Scheme wise Details of Experiments (2020-21)

Funding Agency	B.H.	Season	Title of Experiment
Plan	12004-1	Rabi (Wheat)	Advance Varietal Trial (LS)
			Large Scale Varietal Trial (LS-AST)
			Small Scale Varietal Trial (LS-AST)
			Preliminary Varietal Trial (LS-AST)
Non Plan	5004	Kharif (Rice)	Small Scale Varietal Trial - Aromatic
			Small Scale Varietal Trial – Red Rice-LS
			Small Scale Varietal Trial – Red Rice - C
			Small Scale Varietal Trial - LS
			Small Scale Varietal Trial -SB
			Small Scale Varietal Trial - Early

Infrastructure facility available

S.N.	Infra structure	Details & Number
1	Office Building	01 (Under Land Of Department Of Agricultural ,Gujarat State)
2.	Farm Land Including Irrigation Facility	8.70 ha
3	Farm Structures & Sheds	Class III, IV Quarters -3+5, Observatory + AWS-1, Threshing Yard-1 ,Gowdown-1 ,Farm Office-1, Crop museum-1, Seed Processing Unit-1, Implement Shed.-2
4	Vehicle- Moter cycle	01
5.	Farm Implements	Wheat Thresher-1, Seed-cum- Fertilizer Drill-1, Bundformer-1, Farm Tract-45 with Hydrulic Trailler-1,Power Tiller-3,Plot Wheat Thresher-1, Agrosow Seed Grader Delux-1, Sub Soiler-1, Palti Plough -1, Disk Plough -1, Dicher-1, Grass cutter-1 .

ACHIEVEMENTS

Activities	Technology	Number
Varietal Development	Crop Improvement : Bardoli station has contributed in released of wheat Varieties-05 & Paddy varieties-08 from Main wheat Res. Stn. Vijapur and Main Rice Res. Stn. Navsari & Navagam.	13
Recommendation	Agronomy-03 Soil Science-01	04
TOTAL		17

Seed Production :

This station served the farmers by producing and distributing the Breeder/Foundation/Certified/Truthful seed of improved varieties of Wheat/Rice their by increasing productivity and profitability of farmers.

Seed Production :- (2007-08 to 2019-20)

Year	Season	Corp	Variety	Stage	Area (Ha)	prod. (Kg)	Productivity 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
		-"-	GNR.3	truthful	0.40	1845	4612
	Rabi	Wheat	Lok 1	Breeder	5.00	15340	3068
		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
		-,,-	GNR-3	Truthful	0.40	1100	2750
	Rabi	Wheat	Lok.1	Breeder	5.00	12800	2560
		-"-	Lok 1	Truth ful	0.20	650	3250
		-"-	GW 496	Truth	0.10	370	3700
	Summer	G. Gram	Meha	Certified	1.20	1500	1250

2014-15	Kharif	Paddy	jaya	Foundation	2.11	11330	5370
		--,-	Jaya	Certified	4.80	23940	4987
		--,-	GNR 3	Truthful	0.50	2865	5730
	<i>Rabi</i>	<i>Wheat</i>	<i>Lok-1</i>	<i>Breeder</i>	<i>3.00</i>	<i>11100</i>	<i>3557</i>
		--,-	GW-496	--,-	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
		<i>Wheat</i>	<i>Lok-1</i>	<i>Breeder</i>	3.02	9220	3053
	<i>Rabi</i>	--,-	<i>Lok.1</i>	<i>Truthful</i>	1.10	3720	3381
			<i>GW-496</i>	<i>Truthful</i>	1.00	2820	2820
	Summer	Green gram	meha	Foundation	0.80	740	925
			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
	<i>Rabi</i>	<i>Wheat</i>	<i>Lok-1</i>	<i>Breeder</i>	3.00	7900	2633
		--,-	<i>Lok.1</i>	<i>Truthful</i>	0.98	2945	2945
			<i>GW-496</i>	<i>Truthful</i>	1.13	2215	2215
	Summer	G.Gram	Meha	<i>Certified</i>	1.20	1400	1166
2017-18	Kharif	Paddy	Jaya	Foundation	0.79	3810	4762
		--,-	Jaya	Certified	3.60	16940	4705
			GNR 3	Certified	2.00	8330	4165
	<i>Rabi</i>	<i>Wheat</i>	<i>Lok-1</i>	<i>Breeder</i>	2.00	6080	3040
		--,-	<i>Lok.1</i>	<i>Truthful</i>	0.84	2105	2476
			<i>GW-496</i>	<i>Breeder</i>	1.00	2742	2742
			<i>GW-496</i>	<i>Truthful</i>	1.00	2530	2530
	Summer	G.Gram	GM-6	Truthful	1.60	1440	900
2018-19	<i>Kharif</i>	Paddy	Jaya	Foundation	0.42	2170	5166
			Jaya	Certified	3.43	18480	5387
			GNR 3	Certified	2.15	9940	4623
			GNR-7	<i>Truthful</i>	0.79	4060	5139
	<i>Rabi</i>	<i>Wheat</i>	<i>Lok-1</i>	<i>Breeder</i>	2.11	6080	2882
		--,-	<i>Lok.1</i>	<i>Truthful</i>	0.84	2105	2506
			<i>GW-496</i>	<i>Breeder</i>	1.00	2920	2920
			<i>GW-496</i>	<i>Truthful</i>	1.25	3360	2688
	Summer	G.Gram	GM-6	Truthful	1.60	1160	725
2019-20	<i>Kharif</i>	Paddy	Jaya	Foundation	0.90	4015	4461
			Jaya	Certified	2.50	11505	4602
			GNR 3	Certified	2.94	12840	4367
			GR-17	<i>Truthful</i>	0.80	2425	3032
	<i>Rabi</i>	<i>Wheat</i>	<i>Lok-1</i>	<i>Breeder</i>	1.00	3400	3400
		--,-	<i>Lok.1</i>	<i>Truthful</i>	1.20	3200	2666
			<i>GW-496</i>	<i>Breeder</i>	2.00	5120	2560
			<i>GW-496</i>	<i>Truthful</i>	1.09	2320	2128
	Summer	G.Gram	GM-7	Foundation	0.80	1200	1500
		Paddy	GRH-2	<i>Truthful</i>	0.80	570	712

PHOTOGRAPHS:

1.OFFICE/GATE, BOARD



FARM GATE



WEATHER STATION



2.EXPERIMENTS

WHEAT CROP



A photograph of a cafe interior. The walls are decorated with vertical yellow and white stripes. A wooden counter runs across the middle of the frame. On the counter, there are several glass dispensers filled with coffee. On the wall, there are several framed notices and a large orange window. The notices include a list of coffee types and prices, a notice about the cafe's hours, and a notice about the cafe's location. The large orange window is in the background.

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