

Experiment:**Experiment:**

1. Title of the experiment : **PHT on Okra**
 2. Location : Regional Horticultural Research Station,
ASPEE College of Horticulture,
Navsari Agricultural University, Navsari
 3. Agro-ecological situation : South Gujarat Heavy Rainfall Zone, AES – III
 4. Year and Season : *Kharif* – 2025
 5. Principal Investigator : Dr A. I. Patel
- Co- Investigators : Dr. J.M.Vashi and Dr.D.R.Bhanderi
6. Experimental Details :
 - (a) Design : RBD
 - (b) Replication : 3
 - (c) Treatments : 5+4 (C) = 9
 - (d) Spacing : 60 x 30 cm
 - (e) Plot size : 2.4 x 2.4 m

Table 1: Fruit Yield (t/ha)

Sr.No.	Entries	Replications			Total	Mean Fruit Yield (t/ha)	Increase over Check			
		I	II	III			GNO-1	GO-6	Pusa Sawani	GJOH-4
1	NOH 25-01	10.10	10.33	8.75	29.18	9.73				
2	NOH 25-05	10.99	8.61	9.93	29.53	9.84				
3	NOH 25-08	13.98	11.84	13.26	39.08	13.03	22.69	25.52	24.10	23.86
4	NOH 25-10	10.10	11.98	9.83	31.91	10.64				
5	NOH 25-11	9.76	12.10	8.89	30.75	10.25				
6	GNO-1(C)	11.01	10.31	10.54	31.86	10.62				
7	GO-6 (C)	10.33	10.73	10.07	31.13	10.38				
8	Pusa Sawani (C)	10.80	10.28	10.42	31.49	10.50				
9	GJOH -4 ©	9.76	10.80	10.99	31.55	10.52				
						S.Em.±	0.56			
						CD at 5%	1.68			
						CV%	9.16			

Conclusion:

This trial was conducted to evaluate 9 hybrids using four checks (checks viz., GNO-1, GO-6, Pusa Sawani and GJOH-4). The hybrid differences were found significant for fruit yield. The line NOH 25-08 was given 22.69 %, 25.52 %, 24.10 % and 23.86 % higher yield over check viz., GNO-1, GO-6, Pusa Sawani and GJOH-4.

Table 2: Ancillary observations

Sr.No.	Entries	Plant Height(cm)	Average fruit			YVMV (%)	ELCV (%)
			Length (cm)	Diameter (cm)	Weight (g)		
1	NOH 25-01	126.22	10.02	1.08	11.02	0.66	0
2	NOH 25-05	130.30	10.12	1.10	11.30	0.0	0.0
3	NOH 25-08	162.30	11.67	1.28	12.84	0.0	0.0
4	NOH 25-10	133.70	10.33	1.18	11.42	0.0	0.0
5	NOH 25-11	137.50	10.14	1.14	11.30	0.0	0.0
6	GNO-1(C)	146.20	10.44	1.19	11.62	0.0	0.0
7	GO-6 (C)	140.20	10.22	1.15	11.20	0.0	0.0
8	Pusa Sawani (C)	142.60	10.27	1.18	11.30	1.66	0.33
9	GJOH -4 ©	141.33	10.29	1.17	11.32	0.0	0.0