

**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 : Summer – 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	P.Sawani	GJOH-4
1	NOH 25-01	8.87	8.30	10.42	27.59	9.20				
2	NOH 25-05	10.63	9.93	11.86	32.41	10.80				
3	NOH 25-08	11.60	10.14	12.34	34.08	11.36	13.48	19.33	22.41	15.56
4	NOH 25-10	8.59	9.06	8.26	25.92	8.64				
5	NOH 25-11	9.41	7.93	8.56	25.90	8.63				
6	GNO-1(C)	10.59	10.02	9.41	30.02	10.01				
7	GO-6 (C)	10.52	8.98	9.06	28.56	9.52				
8	Pusa Sawani (C)	10.03	8.37	9.44	27.85	9.28				
9	GJOH -4 ©	8.87	10.45	10.17	29.50	9.83				
					<b>S.Em.</b>	0.47				
					±					
					<b>CD at 5%</b>	1.40				
					<b>CV%</b>	8.35				

**Conclusion:**

This trial was conducted to evaluate 9 hybrids using four checks (checks *viz.*, GNO-1, GO-6, Pusa Sawani and GJOH-1). The hybrid differences were found significant for fruit yield. The line NOH 25-08 was given 13.48 %, 19.33 %, 22.41 % and 15.56 % higher yield over check *viz.*, GNO-1, GO-6, Pusa Sawani and GJOH-1.

**Table 2: Ancillary observations**

Sr.No.	Entries	Plant Height(cm)	Average fruit			YVMV (%)	ELCV (%)
			Length (cm)	Diameter (cm)	Weight (g)		
1	NOH 25-01	113.36	10.67	1.08	10.38	0.0	0.0
2	NOH 25-05	117.20	11.62	1.22	11.22	0.0	0.0
3	NOH 25-08	130.32	11.72	1.28	11.66	0.0	0.0
4	NOH 25-10	104.66	10.66	0.96	9.88	0.66	1.33
5	NOH 25-11	107.82	10.70	0.98	9.90	0.0	0.0
6	GNO-1(C)	118.90	11.08	1.14	10.78	0.0	0.0
7	GO-6 (C)	115.30	10.77	1.10	10.22	0.0	0.0
8	Pusa Sawani (C)	112.20	10.56	1.08	10.12	1.33	0.66
9	GJOH -4 ©	114.00	10.86	1.12	10.16	0.0	0.0