

Achievements

1. Megaseed

Seed production under ICAR Seed Project

Particulars	Seed produce during last five year (In quintals)				
	2021-22	2022-23	2023-24	2024-25	2025-26
Breeder Seed	475	170	133	156	360
Foundation Seed	601	528	541	402	307
Certified Seed	2791	2893	2815	2129	759
TFL Seed	2048	1274	2140	1813	2741
Total	5915	4864	5629	4500	4166
Planting Material (Sugarcane)	5440	5,440	3467	1433.96	980
Sugarcane tissue culture plantlets + Single Eye Bud (Nos.)	561000	275000	178344	95786	180700
Banana tissue culture plantlets (Nos.)	28000	26840	541	10858	-
Fruit crops (Nos.)	405882	888342	335870	499744	-
Farmer Participatory Seed Production	6757	-	-	-	-
Farmer Training	8	8	4	6	1

Seed production Under MIDH

Sr. No.	Details of measures	2021-22	2022-23	2023-24	2024-25	2025-26
1. Production of quality planting materials.						
(I)	Turmeric rhizomes (Qty. in tones)	29.60	20.80	23.00	33.20	64.32
(III)	Black pepper cuttings (Nos.)	2500	3000	3500	3000	2648
2. Transfer of Technology Programmer (Nos.)						
(I)	District Level Seminar	-	-	1	1	1
(II)	Farmers Training Programme	2	2	2	2	2

2. Pulses

Sr. No.	Crop	Variety	Year of release	Yield kg/ha	Characteristics
Varieties Developed					
1	Pigeonpea	GT-102	2005	1500	Medium duration variety, White bold seeded, Moderately resistant to SMD, Suitable for <i>rabi</i> cultivation
2		GT-104	2018	1800-2000	Variety matures within 160-170 days (medium group) with semi spreading in nature, having red flower colour, long pod, 5-7 seeds per pod and cream seed colour. It has high yield potential and resistant against SMD. Recommended for <i>kharif</i> season in Gujarat.
3		GT-105	2019	1829	Variety (JANKI) matures within 135-145 days (Early group) with spreading in nature, having yellow flower colour, straight green pod, 3-5 seeds per pod and cream seed colour. It has high yield potential and resistant against SMD. Recommended for <i>Kharif season</i> in Gujarat.
4		GT-110	2024-25	2131	Variety (NAV TUR) matures within 170-180 days (Medium maturing group) with medium dwarf stature, spreading in nature, green pod with 3-5 seeds per pod and cream seed colour. It has high yield potential and is moderately resistant to SMD and wilt.
5	Mung bean	GBM-1	2008	930	Medium tall, spreading, large leaves, Hairy pods, black seeds, moderately resistant to MYMV, Suitable for wet land and rice fallows cultivation.
6		GM-6	2017	900-1000	Bold seeded, long pod, determinate growth habit with synchronize maturity and good quality for marketable as well as cooking traits. It is resistance against MYMV disease. It is recommended for cultivation in <i>kharif</i> and <i>summer</i> seasons of Gujarat.
7		GM-7	2018	1000-1100	Variety matures within 70-75 days (medium group), having indeterminate in growth habit with medium seed size and shiny green seed colour. It has high yield potential and resistant against MYMV disease. Recommended for <i>kharif</i> as well as summer seasons of Gujarat.
8	Indian bean	G.Wal-1	1997	1200-1300	Moderately tolerant to YMV, purple flower, bold seeded with high protein content (23.04%), better cooking quality suitable for <i>rabi</i> sowing in irrigated and rainfed conditions. Higher dal recovery (92%).
9		G.Wal-2	2007	1200-1500	Erect growth habit, Early maturity, Dark foliage, White flower, Determinate type and bold seeds, Higher <i>dhal</i> recovery
10		GNIB-21	2014	3000-3500 (green pod)	Extra early flowering, Determinate type suited to intercrop, Good market and cooking quality Higher yield, Inflorescence shoots regeneration habit,
11		GNIB-22	2017	4500-5000 (green pod)	Light green and curved pod with higher sugar and test weight, Preferred in south Gujarat market. Less vine type, suited to intercrop. Having inflorescence shoot regeneration habit. The variety is recommended for late <i>kharif</i> & late <i>rabi</i> seasons in South Gujarat.
12		GIB-23	2025	130.88 q/ha	It is early and takes 55-60 days for flowering. Having bushy plant structure which is suitable for

					intercropping. Found to have good quality for marketable as well as cooking traits. Possess more soluble protein content (3.50%) and total sugar (2.27 mg/g) in green seed as compare to check. The variety is resistant to BYMV.
13	Cowpea	GVC-9	2022	5693 kg/ha	Variety possess high protein content in green pod (25.4%). The green pods are thin with medium size and white seed. Days for first green pod picking is 55-60 days. The variety highly resistant to YMD.

3. Castor

Sr. No.	Hybrid	Year of release	Yield Kg/ha	Characteristics
1.	GNCH-1	2016	2450	Suitable for late <i>kharif/rabi</i> season, grown in South and Middle Gujarat region, resistant to wilt and root rot, leaf hopper