

**PULSES RESEARCH STATION, JUNAGADH AGRICULTURAL UNIVERSITY, JUNAGADH**

**Information on Frontline Demonstrations conducted on Chickpea during *Rabi* 2014-15 at farmer's field**

**Type of FLDs :** FP (Full Package Technology)

**Variety :** GJG 3

**Condition :** Irrigated

No.	Name of Farmers	Village	Taluka	District	GPS	Input Given	Production (q/ha)		% increase over State Average
							Demonstration Plot*	State Average**	
1	Shri Sanjaybhai Mohanbhai Vacchani	Agatarai	Keshod	Junagadh	N 21 <sup>0</sup> 20.766 E 070 <sup>0</sup> 14.478	Seeds of GJG 3 variety (60 kg), 500 ml <i>Rhizobium</i> culture, Trichoderma culture (1 kg), 100 gm Vitavax Plus fungicide, Insecticides : Profenofos 50 EC (1 lit.), Emamectin benzoate 5 SG (250 gm), Chlorantranilprole 20 SC (40 ml) and Sticker-Sandowit (2 lit.)	15.00	12.51	19.90
2	Shri Bhupatbhai Savjibhai Saraniya	-do-	-do-	-do-	N 21 <sup>0</sup> 20.715 E 070 <sup>0</sup> 14.206		14.00		11.91
3	Shri Rashikkumar Dhirajlal Maradiya	-do-	-do-	-do-	N 21 <sup>0</sup> 20.891 E 070 <sup>0</sup> 14.812		13.00		3.91
4	Shri Mansukhbhai Chaganbhai Maradiya***	-do-	-do-	-do-	N 21 <sup>0</sup> 20.896 E 070 <sup>0</sup> 14.837		--		--
5	Shri Merambhai Punabhai Sonara	Magharvada	-do-	-do-	N 21 <sup>0</sup> 21.552 E 070 <sup>0</sup> 18.374		14.50		15.90
6	Shri Hadabhai Punabhai Sonara	-do-	-do-	-do-	N 21 <sup>0</sup> 21.476 E 070 <sup>0</sup> 18.397		15.00		19.90
7	Shri Dharmanbhai Devayatbhai Humbal	-do-	-do-	-do-	N 21 <sup>0</sup> 21.423 E 070 <sup>0</sup> 18.567		14.50		15.90
8	Smt. Jayaben Menandbhai Humbal	-do-	-do-	-do-	N 21 <sup>0</sup> 21.399 E 070 <sup>0</sup> 16.577		13.50		7.91
9	Shri Vallbhbhai Nathabhai Soygama	Indrana	-do-	-do-	N 21 <sup>0</sup> 23.191 E 070 <sup>0</sup> 04.895		16.00		27.89
10	Shri Karabhai Ramjibhai Chudasama	-do-	-do-	-do-	N 21 <sup>0</sup> 24.180 E 070 <sup>0</sup> 05.300		15.00		19.90
<b>Average</b>							<b>14.50 #</b>	<b>12.51</b>	<b>15.90</b>

\* **Variety:** GJG-3, **Seed treatment:** Fungicide (Vitavax Plus) @ 2-3 gm/kg seed and *Rhizobium* culture @ 10 ml/kg seed, **Disease control:** *Trichoderma* culture @ 50-60 gm/10 lit of water for soil drenching, **Pest control:** Two sprays with profenofos 50% EC @ 20 ml/10 lit of water or chlorantranilprole 20% SC @ 1.5 ml/10 lit of water or emamectin benzoate 5% SG @ 2 gm/10 lit of water starting at 50% flowering and 15 days after first spray.

\*\* Estimated State average of year 2013-14.

\*\*\* FLD was vitiated as very poor plant population due to heavy rain just after sowing as well as damaged by wild animals.

# Average of 9 (nine) FLDs