

Annexure - 12

Suggestions for bridging the Gap

1. Paddy

- Timely distribution of adequate quality seeds (certified) –in PPP mode also
- More number of rice transplanters, combined harvesters and battery operated cono weeders in CHCs
- Varieties: Promotion of HYVs like CO 50, CO 51/Alternate short duration variety for CR 1009 Sub 1 for submerged condition/ Improved White Ponni type variety with high yield / varieties with BPH and Neck Blast Tolerance/ Re-notification of ASD 16, ADT 37, TKM 9 varieties
- Foliar spraying of Micro Nutrients /
- 90% subsidy for new varieties and / 50 % Subsidy for seed and critical inputs

More number of DPCs for procurement / grading and cleaning units

2. Blackgram and Greengram

- Timely distribution of adequate quantity of quality seeds (certified) –in PPP mode also
- procurement directly by the Government through District market committee
- Popularization of: TNAU pulse wonder / 2 % DAP Spray / NAA spray during flowering /MN Mixture and Gypsum /Pusa Hydrogel – Subsidizing the cost /Insitu ploughing of daincha and sunhemp/seed hardening
- Seed treatment with Trichoderma viridi /using yellow sticky traps and light traps / management of whitefly, Helicoverpa and Spodoptera
- Varieties (blackgram): Promotion of VBN.6 and VBN.8 / YMV resistant with high yield like VBN5 /drought tolerant variety
- Varieties (green gram):Promotion of CO 8 & VBN 3/ YMV resistant varieties/ replacement for ADT 3 for rice fallow

3. Groundnut

- Increasing the breeder seed availability of TMV-14, VRI-8, Dharani and VRI 7
- Variety: Bunchy type suitable for mechanized harvest / Re-notification of VRI 2&TMV 7/ promotion of Dharani, Co 6, TMV14 /Bolded seed varieties like GJ
- Seed-Cum-Ferti Drills /Weeder /Digger-Cum-Stripper & Groundnut Harvester in
- Micro Nutrient Foliar Spray / TNAU Groundnut rich / Seed Treatment with *Pseudomonas fluorescence* and *Trichoderma viridi* /0.5% Potassium chloride spray
- Implementing Price Support Scheme

4. Sunflower

- DRSF 113, CO SFV-5, KBSH 53 variety need to be popularized in NFSM /Production of Certified Seed /installing Bee Hives in farmers field / Seed Treatment / 50 % Subsidy for Seeds
- Promotion of Biofertilizer, MN Mixture, NAA & borax spray to improve seed set and seed filling.

5. Tomato

- High price fluctuation-Promotion of processing and value addition / High yielding and disease resistant hybrids /Management of Leaf Curling virus/ Pinworm (fruit borer), leaf miner & Bacterial wilt / tolerance to Salt stress
- PPFM (Pink Pigmented Facultative Methylophages) to improve dry land horticulture.

6. Brinjal

- Promotion of grafted brinjal / Resistant varieties to Bacterial wilt and borers
- Management of Mealy bug, fruit borers and coccinellid beetles / Bacterial wilt, Little leaf / input subsidy

7. Bhendi

- Varieties with short internode for easy harvesting / YVMV resistant
- Promotion of use of Azospirillum , Phosphobacterium and VAM /light traps, yellow sticky and pheromone traps / PPFM (Pink Pigmented Metro Bacterium) to improve dryland horticulture.