**Salient achievements of On –Farm Testing (OFT) (Best three):**

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| **Crop/****Component** | **Season**  | **Technology Assessed****(Give in detail)** | **Farmers’ practice****(Give in detail)** | **OFT yield****(q/ha)** | **Yield in farmers’ practice (q/ha)** | **% increase in yield** |
| Bittergourd | Rabi | Assessment of different trellis in bittergourd for higher production in rabiTO1- Single trellis, one row trellis constructed with bamboo poles & GI wires, jute rope. TO2- Lean to type trellis – stakes are joined between two adjoining bed forming an A shaped structure horizontal stakes are installed at the top joining of all other beds . The stakes support the climbing vines. Strings are used to secure adjoining stakes. trellis height 2m | Ground trailing  | TO1- 181.7TO2- 215.3 | 142.1 | TO1- 27.8TO2- 51.5 |
| Rice | Kharif | IWM in transplanted riceTO1- Pre émergence application of herbicide (Bensulfuron methyl 0.6%+ Pretilachlor 6.0%) @ 10 kg/ha at 4 DAT + HW at 30 DATTO2- Post emergence application of herbicide Penuxulam at 12 DAT + HW at 30 DAT | Manual weeding at 30 DAT  | TO1- 46.7TO2- 52.8 | 39.7 | TO1- 17.6TO2- 32.9 |
| Groundnut | Rabi, 2019-20 | Assessment of liming for higher productivity in groundnut duringr rabi  TO1- Application of soil test based fertiliser+0.2 LR (PMS) in furrows at the time of sowing TO2- Application of soil test based fertiliser+0.2 LR (PMS)+FYM 5t/ha in furrows at the time of sowing  | No use of lime and application of soil test based fertilizer & FYM in lower dose | TO1- 20.84TO2- 22.71 | 17.12 | TO1- 21.72TO2- 32.65 |

**Photographs**

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| **D:\PHOTO 2019-20\AGRONOMY\OFT\OFT on IWM in rice\WhatsApp Image 2019-12-02 at 12.13.37 PM.jpegOFT on IWM in transplanted rice**  | **C:\Users\HP\AppData\Local\Microsoft\Windows\INetCache\Content.Word\ca9be38d-7a2f-4316-a9df-fc62f4c26331.jpgOFT on Lean to type trellis in bittergourd**  | **D:\PHOTO 2018-19\SOIL SC\Soil photo 2019\BS.jpgOFT on liming for higher productivity in groundnut**  |