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Front Line Demonstrations 2012

FLDs (Discipline-Wise Summary)

| Discipline | Crop / Enterprise | Number of technology/ Social Concept Demonstrated | No. of demonstrations | | % of achievement | Reasons for shortfall, if any |
|------------------|-------------------|--|-----------------------|-------------|------------------|-------------------------------|
| | | | Target | Achievement | | |
| Agronomy | Blackgram | 1 | 10 | 10 | 100 | NA |
| | Soyabean | 1 | 10 | 10 | 100 | NA |
| | Mustard | 1 | 10 | 10 | 100 | NA |
| | Pea | 1 | 10 | 10 | 100 | NA |
| | Maize | 1 | 10 | 10 | 100 | NA |
| Plant protection | Brinjal (IPM) | 1 | 10 | 10 | 100 | NA |
| | Bulb crops (IPM) | 1 | 10 | 10 | 100 | NA |
| Fishery | Pearl | 1 | 5 | 5 | 100 | |
| PBG | Rice | 2 | 20 | 20 | 100 | |
| Horticulture | Potato | 1 | 10 | 10 | 100 | NA |
| Total | | 11 | 105 | 105 | | |

FLDs (Discipline-Wise Achievements)

Discipline: Agronomy

| Crop / Enterprise | Technology demonstrated | Demonstration Yield (Qt/Ha) | | | Yield of local Check (Qt/Ha) | Increase in yield % | Avg. Cost of Cultivn. (Rs/Ha) | Avg. Gross Return (Rs/Ha) | Avg. Net Return (Rs/Ha) | B:C Ratio |
|-------------------|-------------------------------------|-----------------------------|-----|-----|------------------------------|---------------------|-------------------------------|---------------------------|-------------------------|-----------|
| | | H | L | A | | | | | | |
| Maize | Scientific cultivation of maize | 20 | 16 | 18 | 17 | 5.5 | 18,500 | 27,000 | 8500 | 1.46 |
| Blackgram | Scientific cultivation of Blackgram | 8.2 | 6 | 7.1 | 6.5 | 9 | 20,440 | 28,400 | 7960 | 1.38 |
| Soyabean | Scientific cultivation of Soyabean | 10.5 | 7.2 | 8.8 | 7.5 | 17 | 23,936 | 35,200 | 11,264 | 1.47 |
| Mustard | Scientific cultivation mustard | 7.8 | 6.2 | 7 | 6.0 | 14.2 | 14,500 | 21,000 | 6,500 | 1.45 |
| Pea | Scientific cultivation of pea | 8.8 | 6.2 | 7.5 | 6.3 | 14.4 | 21,750 | 30,000 | 8250 | 1.37 |

FLDs (Discipline-Wise Achievements)

Discipline: Plant protection

| Crop / Enterprise | Technology demonstrated | Demonstration Yield (Qt/Ha) | | | Yield of local Check | Increase in yield | Avg. Cost of Cultivn. (Rs/Ha) | Avg. Gross Return (Rs/Ha) | Avg. Net Return (Rs/Ha) | B:C Ratio |
|-------------------|--|-----------------------------|-----|-----|----------------------|-------------------|-------------------------------|---------------------------|-------------------------|-----------|
| | | H | L | A | (Qt/Ha) | % | | | | |
| Brinjal | IPM for Brinjal using coragen & Thiophanate methyl for borer & wilt respectively | 237 | 203 | 220 | 205 | 6.82 | 81,500 | 2,20,000 | 1,38,500 | 2.70 |
| Onion | IPM for onion using Mancozeb & Spinosade to control purple blotch & thrips | 278 | 252 | 265 | 257 | 3.02 | 152500 | 397500 | 245000 | 2.61 |

FLDs (Discipline-Wise Achievements)

Discipline: PBG

| Crop / Enterprise | Technology demonstrated | Demonstration Yield (Qt/Ha) | | | Yield of local Check | Increase in yield | Avg. Cost of Cultivn. (Rs/Ha) | Avg. Gross Return (Rs/Ha) | Avg. Net Return (Rs/Ha) | B:C Ratio |
|-------------------|------------------------------------|-----------------------------|----|------|----------------------|-------------------|-------------------------------|---------------------------|-------------------------|-----------|
| | | H | L | A | (Qt/Ha) | % | | | | |
| Rice | Hybrid rice cultivation technology | 96 | 85 | 90.5 | 55 | 39.2 | 50,000 | 90,500 | 40,500 | 1.81:1 |
| Rice | Pre-kharif SRI in fish farm | 108 | 96 | 102 | 45 | 55.9 | 45,000 | 10,200 | 57,000 | 2.27:1 |

FLDs (Discipline-Wise Achievements)

Discipline: Animal Science

| Crop / Enterprise | Technology demonstrated | Demonstration Yield (Kg/unit) | | | Yield of local Check (Kg/unit) | Increase in yield % | Avg. Cost (Rs./Unit) | Avg. Gross Return (Rs/unit) | Avg. Net Return (Rs/unit) | B:C Ratio |
|-------------------|---|--|--|--|---|--|----------------------|-----------------------------|---------------------------|-----------|
| | | H | L | A | | | | | | |
| Goat | Performance of non Descript local goat of Manipur | a. Growth i. At birth : 1.3 ii. At 12 mths: 12.25 | a. Growth i. At birth : 1.1 ii. At 12 mths: 11.89 | a. Growth i. At birth : 1.2 ii. At 12 mths: 12.07 | a. Growth i. At birth : 0.7 ii. At 12 mths: 8.85 | a. Growth (%) i. At birth : 41.66 ii. At 12 mths: 26.67 | 800 | 4280 | 3480 | 5.35:1 |

FLDs (Discipline-Wise Achievements)

Discipline: Animal Science

| Crop / Enterprise | Technology demonstrated | Demonstration Yield (kg/bird) | | | Yield of local Check (Kg/bird) | Increase in yield% | Avg. Cost of farming. (Rs/kg) | Avg. Gross Return (Rs/bird) | Avg. Net Return (Rs/bird) | B:C Ratio |
|-------------------|---|-------------------------------|------------------------|------------------------|--------------------------------|--------------------------|-------------------------------|-----------------------------|---------------------------|-----------|
| | | H | L | A | | | | | | |
| Broiler | Efficiency of Ranikhet and IBD vaccine on broiler | i. Body wt at 8wk: 2.9 | i. Body wt at 8wk: 2.6 | i. Body wt at 8wk: 2.7 | i. Body wt at 8wk: 2.6 | i. Body wt at 8wk: 13.33 | 115 | 243 | 128 | 2.11:1 |

FLDs (Discipline-Wise Achievements)

Discipline: Animal Science

| Crop / Enterprise | Technology demonstrated | Demonstration Yield | | | Yield of local Check | Increase in yield % | Avg. Cost of Farming. (Rs/bird) | Avg. Gross Return (Rs/bird) | Avg. Net Return (Rs/bird) | B:C Ratio |
|-------------------|--|--|--|--|---|--|------------------------------------|--------------------------------|------------------------------|-----------|
| | | H | L | A | | | | | | |
| Duck | Performance of Khaki Campbell using locally available feed | i. Live wt at 11 mths- 2.85 kg ii. Egg wt: 62g iii. Hatchability% : 78 | i. Live wt at 11 mths- 2.47 kg ii. Egg wt: 58g iii. Hatchability %: 72 | i. Live wt at 11 mths- 2.66 kg ii. Egg wt: 60g iii. Hatchability %: 75 | i. Live wt at 11 mths- 2.3kg ii. Egg wt: 54g iii. Hatchability%: 66 | i. at 11 mths- 13.5 ii. Egg wt: 10 iii. Hatchability %: 12 | 755 | 2870 | 2115 | 2.8:1 |