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**Week No.: 41**

**AGRO ADVISORY BULLETIN**  
**District - Koraput (Eastern Ghat High Land)**

**Date: 12.10.2018**

| Weather condition during last three days |            |            |            |
|--|------------|------------|------------|
| Date                                     | 09.10.2018 | 10.10.2018 | 11.10.2018 |
| Rainfall (mm)                            | 0          | 0          | 0          |
| T. Max. (°C)                             | 31         | 27         | 21         |
| T. Min. (°C)                             | 16         | 16         | 19         |

**Forecast up to 17.10.2018 (According to MC, IMD, Bhubaneswar)**

- Possibilities of cloudy sky during next five days.
- Chances of light to moderate rainfall during next five days.
- Maximum temperature is expected to be 23-25°C and minimum temperature is expected to be 18°C.
- Maximum and minimum relative humidity is expected to be 94-95% and 68-74% respectively.

| Date                 | 13-10-18 | 14-10-18 | 15-10-18 | 16-10-18 | 17-10-18 |
|----------------------|----------|----------|----------|----------|----------|
| Rainfall (mm)        | 18       | 5        | 10       | 10       | 5        |
| T. Max. (°C)         | 23       | 25       | 25       | 25       | 25       |
| T. Min. (°C)         | 18       | 18       | 18       | 18       | 18       |
| Cloud cover          | 7        | 5        | 7        | 7        | 7        |
| RH Max. (%)          | 95       | 95       | 95       | 95       | 94       |
| RH Min. (%)          | 68       | 71       | 74       | 72       | 70       |
| Wind speed (Km/hour) | 3        | 2        | 2        | 2        | 2        |
| Wind direction (°)   | 184      | 206      | 187      | 177      | 215      |

**Agro Advisory**

**General Advisory:**

- Chances of light to moderate rainfall during next five days, watch for rain before applying pesticides. Store rain water for irrigation in dry spell.
- Keep the both end of drainage channels open in upland crop fields to drain excess water from field.

**Kharif Rice: Transplanted Rice: maximum tillering to Panicle initiation stage**

- In early planted crop, apply 43.5 kg Urea and 17 kg MOP per hectare at panicle initiation stage and impound water in the field for two days.
- Current weather favours attack of Bacterial Leaf Blight and Bacterial Leaf Streak. To control spray Plantomycin @ 1 g + Copper oxychloride @ 20g/10 litre of water when sky becomes clear.
- Current weather may favour blast disease in rice. Spray Carbendazim 50% WP @ 1.5 g/litre of water or Tricyclazole 75% WP @ 0.6 g/litre of water if observe.
- Four pheromone traps/acre place in the field for monitoring of the stem borer and whenever the number of male moths/trap reaches 4-5, then apply Chlorantraniliprole 0.4% GR @ 4 kg/acre
- Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases.
- Monitor the adult population of Stem borer in the field. Use Pheromone traps to reduce initial population. Go for need based spraying of Fipronil 5SC @400ml/acre if the population cross the ETL.
- Due to intermittent dry weather the problem of paddy thrips has aggravated in some patches causing rolling of leaves and in advance stages burning of leaf tips. To control it spray Fipronil 5SC@400ml/acre or Carbosulfan@400ml/acre.

**Ragi:**

- Current weather may favour blast disease in Ragi. If observe spray Carbendazim 50% WP @ 1.5 g/litre of water.

**Maize:**

- There may be aphids incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days.

**Vegetables:**

- Use low cost polythene cover above the vegetables nursery to avoid the seedlings from excess rainfall.
- Infestation of blight are likely to increase in present situation in vegetables; if observe, spray Mancozeb 75% WP @ 2 g/litre of water.
- Damping off disease is likely to appear in seedlings and young plants of vegetables, Drench the nursery beds with Copper oxychloride solution @ 4 g/litre of water to protect the seedlings from damping off.

- Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Fruit borer in Okra- Spray Neem based pesticide 1500ppm @600ml/acre. At later stages spray of Spinosad 45%SC@70ml/acre.
- YMV in Okra- Current weather favours YMV disease in okra. To control the disease, following practices should be taken up.
  - Rogue the infested plants.
  - Spray Imidacloprid@80ml/acre or Thiomethoxam@80g/acre,
  - Install yellow sticky trap in the crop field.

**Note: Contact nearby State Agriculture Officer or KVK Scientist for necessary help and suggestion.**

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**Dr. Kedareshwar Pradhan**  
**(Nodal Officer)**