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**Week No.: 09**

**AGRO ADVISORY BULLETIN**

**Date: 27.02.2018**

**District - Nabarangpur (Eastern Ghat High Land)**

**Forecast up to 28.02.2018 (According to MC, IMD, Bhubaneswar)**

- Possibilities of Clear sky during next five days.
- There was no rainfall during next five days.
- Maximum temperature is expected to be 39°C and minimum temperature is expected to be 19°C.
- Maximum and minimum relative humidity is expected to be 39-49% and 9-13% respectively.

Date	28-02-18	01-03-18	02-03-18	03-03-18	04-03-18
Rainfall (mm)	0	0	0	0	0
T. Max. (°C)	36	38	38	39	38
T. Min. (°C)	19	19	21	21	21
Cloud cover	0	0	0	0	1
RH Max. (%)	49	43	41	39	45
RH Min. (%)	13	10	9	10	11
Wind speed (Km/hour)	5	7	7	9	8
Wind direction (°)	240	230	225	212	229

**Agro Advisory**

**General Advisory:**

- SPI index up to 21<sup>st</sup> Feb showed mildly dry condition and NDVI map of 19<sup>th</sup> Feb showed some patches of moderate agricultural vigour.
- Continue harvesting, threshing and drying of matured crops.
- Provide Light frequent irrigation to vegetable crops. Also provide water in rose cane to vegetable seedlings in the morning and evening hours to protect from low temperature.
- Keep watch on the powdery mildew in green gram and black gram, aphids in mustard and whitefly in tomato.
- Maize crop at silking stage. Irrigate the maize crop to meet the crop requirement due to increased temperature and never allow water stagnation for more than 6 hours in the field.
- Now it is optimum time for sowing of summer cow pea. Grow the following improved varieties of cowpea such as bush type- Pusa Phalguni, Pusa Komal, and runner type- American long, and Banarasi long. Besides these varieties other Improved varieties like Russian Giant, EC-4316, NP-3, C-152, UPC- 286, UPC- 5286 and IGFI- 450 can be grown.. Use 10-12 kg seeds/acre Apply 3 ton FYM/acre during final land preparation grown for vegetable purpose. Apply 8 kg N and 16 kg P2O5 and 8 kg. K2 O per acre as basal.
- Climate and weather allows planting papaya up to March. Grow variety Honey dew, Kurg honey dew, coombatore-1 Coombatore-2, Pusa delicious, Pusa majestic, Pusa dwarf and Pusa giant.

**Summer Rice:**

- The crop is at two to four week stage in main field.
- To control weed at 20-25 days after transplanting apply 2,4,D ethyl ester 800ml/acre crop area.
- At 4week stage weed out the field and apply urea 35kg for medium duration and 25kg urea for short duration paddy per acre.

**Mustard:**

- The crop is at (twelve to fourteen week) seed formation to harvesting stage.
- Mustard saw fly attack occurs at siliqua and seed formation stage. Spray Triazophos or profenophos 2ml/lit of water.

**Onion**

- The transplanted onions are at six to eight week stage in main field.
- Go for hoeing, weeding and 2<sup>nd</sup> top dressing with 23kg urea/acre at 7 week stage of crop followed by irrigation.
- Thrips infestation may occur during this crop stage and weather condition. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25% WG 60g mixing in 200lit. of water per acre.

**Tomato:**

- The tomato crops are at fruiting (twelve to fourteen week) in main field to harvesting stage.

- Provide irrigation after plucking ripen fruits.
- White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamid 50% WG 80g per acre with 200lit of water.
- To control fruit borer spray chlorantraniliprole 18.5 SC or flubendiamide 39.35SC 60ml/acre @ 0.3ml/lit of water.

#### **Cabbage and Cauliflower:**

- The cabbage and cauliflower crops are at curd and head development to harvesting stage (thirteen to fourteen week) in main field. Harvest the matured curds.
- Provide irrigation as dry weather is ahead observing soil moisture. Keep watch on DBM infestation and spray flubendiamide 0.3ml/lit of water for its control.

#### **Sugarcane:**

- Sugarcane planting is going on. The crop is at planting to germination (one week) stage.
- Prepare the land for planting sugarcane. Deep ploughing is advisable. Select three buded sets.
- Collect healthy setts and improved variety setts like Nilamadhaha, Sabitri, Co 7508, Co 7704, Co 62175, Co 740, Co 7219, CoJ 8201, Co 975, Co 7706, Co 8402, Co 62175.
- Treat the seeds with Bavistin 1g/lit of water and dip the setts for 10-15min before planting.
- Apply well decomposed compost 10ton per acre with 130kg SSP in furrows before planting. During the germination stage irrigate the crop at 7days interval from planting.
- For ratoon crop clean the dry leaves. Apply irrigation and plough the field when field capacity is reached. Apply 50kg DAP, 50kg Urea per acre with FYM and irrigate the field. After 15days go for gap filling.

#### **Mango:**

- Flowering has started, so at 50% flowering irrigation should be given at an interval of 15 days for more fruiting.
- During flowering stage of mango thrips infestation may observe, spray Imidacloprid 17.8% SL @ 0.25 ml/litre of water for control of it.

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

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(Nodal Officer)