

Contingent Agro-advisory for Rice for Heavy Rainfall Conditions
September 7, 2018

It has been observed that due to heavy and continuous rain for last few days most of the rice fields are either completely or partially submerged. Under the said conditions the farmers are suggested to follow the following practices:

- Drain out the excess water from rice fields wherever feasible.
- Where submergence tolerant varieties like Swarna *Sub1*, IR-64 *Sub1*, BINA Dhan-11 are planted, the plants may rejuvenate within a week or so.
- Apply 17 kg urea/acre and 13kg muriate of potash/acre after receding of water.
- In case of other varieties (not tolerant to submergence) where partial damage has occurred, gap filling by splitting tillers from existing hills or using available left-over seedlings of same variety may be done after receding of water.
- In case of the complete damage of the crop and non-availability of seedlings, go for wet direct seeding with early duration varieties (up to 90 days) like Vandana, Anjali, Kalinga-III, and Khandagiri.
- In case of late transplanted rice, infestation of swarming caterpillar may occur. In such case, apply kerosene @ 2L/ha and shake the rice plants rigorously by crossing ropes. If infestation continues apply any contact insecticide such as Chlorpyrifos 20 EC @ 500 ml/acre or Lambda-Cyhalothrin 5 % EC @ 200 ml/acre or Quinalphos 25% EC @ 800 ml/acre.
- The present condition (cloudy sky, high humidity, intermittent raining with high day temperature but low night temperature) is highly favorable for incidence of many diseases like bacterial blight, bacterial leaf streak, leaf blast etc. so, keep vigil to your field. Apply 1g/L plantomycin + 1g/L copper oxychloride for bacterial diseases. In case of Blast incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.
- If there is any aquatic weed infestation in rice fields, spray penoxsulam @ 9g/ha mixing with 120 litre of water.