

Agro Advisory Service for Rice

ICAR - National Rice Research Institute, Cuttack 753 006

Strategies for 1st Fortnight of December 2019

- Harvest the crop when 80% of the grains in the panicles get matured and process, dry and pack paddy varieties separately without mixing for better price for the produce.
- To avoid the infestation of Ear cutting caterpillar in matured/harvested crop. farmers are advised to go for bund application of Malathion dust (5%) to protect the crop and also use bait in ridges with the mixture of rice husk, gur/molasses and insecticides like malathion/triazophos.
- For safe storage, paddy grains need to be dried to below 14% and should be dried to below 12% moisture content for seed purpose. The ideal moisture content is between 12-14 percent for milling. Farmers who are keeping their own seed are advised to harvest the false smut infected plants separately so that there should not be any infected panicle in crop harvested for seed purpose.
- Farmers are advised to use the soil moisture for growing the crop for the Rabi season.
- After threshing, paddy grains need to be sun-dried to 14% moisture for consumption purpose and for seed purpose it should be dried to 12% moisture for better self-life. For safe storage of paddy/rice, use Super Grain Bag which are helpful for retaining the quality, texture, colors, aroma, fragrance and taste of the commodities for longer period of time.
- Soon after noticing the infestation of the stored grain, take up fumigation by using Aluminum phosphide (Do not use in dwelling houses) tablets @ of 3 tablets / ton grain (total 9 gm of tablets) in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. The tablets should be wrapped in cotton pouches before placing them in the stacks, which helps to discard the remnants after completing the fumigation. All the corners of plastic cover should be plastered with 6-inch-thick layer of mud/ sand snake/ adhesive tapes to prevent leakage of gas. Minimum exposure period is for about 7-10 day.
- Farmers intended to have dry season rice, should procure good quality seeds of the following varieties i.e. CR Dhan 601, IR 64, Chandan, Lalat, Improved Lalat, Naveen, and MTU 1010, Luna Sankhi (Saline area) etc. Nursery preparation for dry season rice should be started.