



भाकृअनुप - राष्ट्रीय चावल अनुसंधान संस्थान

(भारतीय कृषि अनुसंधान परिषद्), कटक-753 006, ओडिशा

ICAR - National Rice Research Institute

Cuttack – 753 006, Odisha, India
(An ISO 9001:2015 Certified Institute)



Contingent Agro Advisory for Rice

(In view of the predicted cyclone “Yaas” in the coastal districts of Odisha during the last week of May, 2021)

(As per the Press Release of the India Meteorological Department, Bhubaneswar dated 19.05.2021, a low pressure area is very likely to form over north Andaman Sea and adjoining east central Bay of Bengal around 22nd May, 2021. It is very likely to intensify gradually into a Cyclonic Storm during the subsequent 72 hours (by 25th May, 2021). It is very likely to move north west wards and reach West Bengal – Odisha coasts around 26th May evening. Therefore, light to moderate rainfall at most places with heavy falls at isolated places very likely to commence from 25th May evening over coastal districts of Odisha with significant increase in intensity and also spatial extension subsequently.)

- ❖ Complete the harvesting of rice crop which is at the maturity stage and 80-85% grains in the panicles are already matured by the forenoon of 25th May 2021.
- ❖ Harvested rice should be properly staked at safe place and covered with tarpaulin to avoid damage by anticipated rainfall.
- ❖ Keep the drainage channels open in non-matured rice crop to drain out the excess water from standing rice fields to minimise the loss due to lodging.
- ❖ After cessation of rainfall, dry the freshly threshed rice grain under sun for 1-2 days to brought down the moisture content to 14% and store the harvested paddy in ‘Super Grain Bag’ or gunny bags lined with polyethylenes which is helpful for retaining the quality, texture, colour, aroma and taste of the commodities for longer period of time
- ❖ Soon after noticing the infestation of the stored grain, take up fumigation by using Aluminium Phosphide tablets (do not use in dwelling houses) @ 3 tablets / ton of grain (total 9 gm of tablets) in fairly air tight containers or by covering grain bags 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 or adhesive tapes to prevent leakage of gas. Maintain minimum exposure period of about 7-10 days for better result.