

## ICAR Research Complex for Eastern Region, Patna

### Field survey report on crop damage assessment due to untimely rainfall in Naubatpur and Phulwari sharif blocks of Patna district of Bihar

To assess the crop loss due to untimely rainfall (8.8 mm) on the 06<sup>th</sup> and 7<sup>th</sup> December 2023, a team of three scientists (Dr. Ved Prakash, Dr. Manisha Tamta and Dr. Govind Makrana) visited few blocks of Patna i.e., Naubatpur (Saristabad and Mathpar), and Phulwari Sharif (Abu lodhipur and Akabarpur) on 8<sup>th</sup> December 2023. During the survey, it was observed that the maximum area under rice cultivation had been harvested and threshed. In remaining area (<20%), crop was at the maturity stage and kept for drying at the field (Freshly harvested) faced untimely rainfall events. Further, it was observed that the standing crop was lodged, and the rotting started in freshly harvested crop. Harvesting of standing rice crop is delayed for few days and more energy will be required for this. Farmers may face yield loss (Grain and straw) up to 10%.



**Fig. Damage in rice crop due to untimely rainfall incidence at Naubatpur and Phulwari Sharif blocks of Patna**

As per the weather forecast by IMD (Patna) for the next week (8<sup>th</sup> Dec to 14<sup>th</sup> December 2023), the weather will remain dry and it is advised to the farmers to keep turning the harvested crop to check the rotting.