

**February 7, 2015**

**Indian Institute of Wheat and Barley Research, Karnal, Haryana-132001  
Advisory for Yellow Rust (Stripe Rust) Management in NWPZ and NHZ**

Stripe rust has been observed in Haryana, Punjab, HP and Jammu and Kashmir so far.

- In Haryana, stripe rust (one foci) has been observed in varieties, Super-172, Barbat, HD-2894, DPW 621-50, HD-2967 in 3 villages in Jagadhari, 12 villages in Sadhaura and 6 villages in Chhachhrauli of Yamunanagar district of Haryana. One foci has also been observed in two villages in Karnal, one village in Kurukshetra (Madhukheri) on var HD 2851 and one village (Chapra) in Ambala.
- In Punjab, stripe rust was reported in village Daroli Upper near (Anandpur Sahib), Chhidauri (SBS Nagar), Kharod (SBS Nagar), Mohan Mazra (Ropar), Hasanpur (Ropar), Veerpur Jatan (Ropar), Gajpur (Ropar), Fatehpur (Ropar, Ama Gujran (Pathankot) and Sekha (Gurdaspur).
- In J & K, stripe rust has been observed in farmers fields in three villages in Jammu and Kathua districts of J&K.
- In HP, yellow rust was recorded in farmers fields at Nagrota Suria Dam area (Nagrota Surian block), Lunj Kahlian (Kangra block), Bhanth (Fatehpur block) and Bhanth-Sthana (Fatehpur block).
- Keeping in view the frequent rains in January, 2015 and in 1<sup>st</sup> week of February, 2015 and favorable temperature / humidity for stripe rust development, farmers are advised to visit their crop regularly for observing stripe rust incidence.
- Farmers are advised to inform or consult the wheat scientists/experts/extension workers for confirmation of yellow rust disease symptoms as sometimes yellowing of leaves may be due to other factors than disease.

If farmers observe yellow rust in patches in their wheat fields, following measures are recommended:

- One spray of Propiconazole 25EC (Tilt 25 EC) @ 0.1 per cent be given at the foci of infection to avoid its further spread.
- One ml of chemical should be mixed in one litre water and thus 200 ml of fungicide mixed with 200 L of water should be sprayed in one acre wheat crop. If need, farmers are advised to repeat the spray.
- Farmers should spray the crop when weather is clear i. e. no rain, no fog / dew etc.



(Source: Director, Indian Institute of Wheat and Barley Research, Karnal, Haryana-132001)