

ALERT

KARNAL BUNT OF WHEAT

Due to highly erratic weather conditions this year, frequent rains and the rains at the time of flowering of the wheat crop enhances the probability of getting Karnal bunt infection in the wheat crop. Since NHZ has received widespread rains recently, therefore, there may be possibility of Karnal bunt incidence in the crop which is at flowering stage. Therefore, farmers are advised to spray any of the following 2 fungicides as per the recommendations of All India Wheat and Barley Research Worker's meet, for the control of Karnal bunt. This has been a **standing recommendation for wheat seed production plots** and must be organised without fail, otherwise the seed lots may be rejected on account of Karnal bunt incidence in the seed. Incidentally these chemicals are also recommended for control of yellow rust, therefore, would also be helpful in control of yellow rust which is now started appearing in some parts and may increase with prevailing weather conditions.

- i. Tebuconazole (250EC Folicur) @ 0.1% (1 ml/litre)
- ii. Propiconazole (Tilt) 25 EC @ 0.1 % (1 ml/litre)

Please note that other chemicals are not effective in controlling this disease, therefore, please don't recommend them. It is also necessary to not to use the same chemical repeatedly year after year to avoid pathogen developing resistance against it.

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 at the time of flowering. If need, farmers are advised to repeat the spray in 2-3 weeks.

Spray should be done when weather is clear i. e. no rain, no fog / dew etc.

Your kind cooperation in the endeavour is highly solicited for saving precious wheat crop from severe damages.