

**ICAR-Indian Institute of Wheat and Barley Research, Karnal**

**Advisory (March 01-15, 2025) for  
Sowings and other practices across zones of India  
Crop Season 2024-25**

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**General Tips**

- ✓ Timely and judiciously irrigate fields to save water and cut costs.
- ✓ Proper weed management needs to be followed at this stage.
- ✓ Keep an eye on the weather before irrigation and avoid irrigation if there is a forecast of rain so that the situation of excess water can be avoided.
- ✓ If there is yellowing in the crop, do not use excessive nitrogen (urea). Also, avoid the use of nitrogen in fog or cloudy conditions.
- ✓ Regularly monitor the crop for yellow rust and brown rust infections and consult nearby institute, SAU or KVK.
- ✓ In conservation-till wheat, top dressing of urea should be done just before the irrigation.

**Irrigation management:**

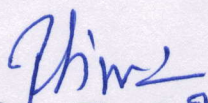
- Irrigate the wheat crop as per need when wind speed is low to avoid the lodging of crop preferably in the evening hours.
- If there is continuous and high rise in temperature for more than 3 days then spray muriate of potash @ 0.2% (400g muriate of potash in 200 lit of water) after anthesis or  
Spray potassium nitrate @ 2% (4kg potassium nitrate in 200 lit of water) after anthesis to mitigate heat stress
- In Southern Haryana and Northern parts of Rajasthan, sprinkler irrigation may be provided around 2 to 2.30 pm on the day of high temperature for one hour.

**Advisory for Aphid:**

- Keep a constant watch for leaf aphid (Chepa) in wheat. In case of high incidence of leaf aphids (ETL:10-15 aphid/tiller), farmers may use quinalphos 25% EC. Mix 400 ml of quinalphos in 200-250 liters of water and spray in one acre.

**Advisory for Yellow, Brown and Black Rusts:**

- Farmers are advised to visit their crop regularly to check for any incidence of stripe rust (yellow rust), brown or black rust. If farmers observe and have confirmed incidence of rust in their wheat fields, one spray of Propiconazole 25EC is recommended. 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.
- Farmers should spray the crop when weather is clear i.e. no rain, no fog / dew etc.

  
(Ratan Tiwari) 28/2/25  
Director