

# DDW 47: Durum Variety with high yellow pigment and excellent end product quality for timely sown restricted irrigated condition of Central Zone

## Superior Nutritional and End-products Quality

- DDW 47 has very **high yellow pigment content of 7.57ppm** as compared to check variety HI8627 (5.63) and thus it is the best genotype for all the pasta quality traits.
- Since pasta industry has high demand for high yellow pigment wheats, DDW 47 can be an asset for providing remunerative price to the farmers.
- The protein content of DDW 47 (12.69%) is higher than any other variety of this area.
- Grain Iron content of DDW 47 is higher than the other available variety HI8627.

## Superior Performance in Yield Trials

- The yield performance of DDW 47 was found superior over the other varieties available under low water conditions.
- DDW 47 has registered **high yield potential (74.1q/ha)** compared to best check variety HI8627 (62 q/ha).

## Disease Resistance

- The proposed variety DDW 47 is highly resistance to black and brown rusts. For other diseases and insect pests it expressed better resistance than other varieties available.

- *The Variety DDW 47 was developed at ICAR-Indian Institute of Wheat and Barley Research, Karnal to provide a high end product quality that can give high remuneration to farmers.*

