

# Women Farmer from Gorakhpur harvests highest yield from Wheat Variety - Karan Vandana (DBW 187)

The Karan Vandana (DBW 187) is the latest wheat variety released for irrigated timely sown conditions of North Eastern Plains Zones comprising of Eastern Uttar Pradesh, Bihar, Jharkhand, Assam and West Bengal.

The variety had significant yield advantage over the existing cultivars, viz., HD 2967, K 0307, HD 2733, K 1006 and DBW 39 of the zone. It possesses better resistance against the important diseases of the region like leaf rust and leaf blight. The variety flowers in 77 days & matures in 120 days after sowing. The average height of the variety is 100 cm and has the potential of producing 64.70 q /ha. The Karan Vandana has better Chapatti quality with 7.7/10 score and high iron content (43.1 ppm) in the grains.

Smt. Koila Dev of village Rakhukhor, Junglekaudiya, Gorakhpur attended a training programme at ICAR-Indian Institute of Wheat and Barley Research, Karnal (*organised in collaboration with the Mahayogi Gorakhnath Krishi Vigyan Kendra, Gorakhpur, Uttar Pradesh*) and received the mini kit of 2.5 kg seed of Karan Vandana. She carried out the wheat sowing in line in the third week of November, 2018. Smt. Koila applied the recommended dose of fertilizers (150:60:40 kg NPK/ha) in the field and applied the irrigation twice. By carrying out the weeding manually twice during the crop season, she harvested 220 kg wheat yield from the small area of 266 sq m (82.52 q/ha) on 10th April, 2019.

The other farmers of the District also harvested high yield. The harvest from the same amount of seed (2.5 kg) at the farmers' fields in the District varied from 80 to 220 kg from 2.5 kg of the seed.

*Source: ICAR-Indian Institute of Wheat & Barley Research Karnal*

