

US 5210

- » Matures in 135-140 days
- » Medium height crop
- » Attractive bold grain, excellent taste and bumper yield



US 5310

- » Matures in 130-135 days
- » Medium height crop
- » Long and attractive earhead with shiny grains and bumper yield



US 5410

- » Matures in 130-135 days
- » Good culm strength-Tolerant to lodging
- » Long earhead-High no. of grains-Good yield



Wheat Package of Practices

Field Preparation

Prepare the field thoroughly by 2-3 ploughing & harrowing and apply the recommended dose of FYM two weeks before sowing.

Sowing

Sowing Window	Mid Oct- Mid Dec
Seed Rate	40 kg/acre
Spacing	20 cm row-to-row & 10 cm plant-to-plant
Depth	5-6 cm

Nutrient Management

Fertilizer application should be based on soil test report and recommendations of local State Agricultural Universities. General recommended dose of fertilizers is as per the table given below.

Fertilizer	Recommended Dose
Urea	60 kg/acre
DAP	24 kg/acre
MOP	16 kg/acre

Water Management

Below given are the critical stages of irrigation in wheat crop. Maintain proper soil moisture levels to prevent water stress or waterlogging. Based on available irrigations, farmer can irrigate wheat crop as per below given table.

Irrigation	Crown Root Initiation (21 DAS)	First Node (45 DAS)	Jointing (65 DAS)	Boot (85 DAS)	Milk Stage (105 DAS)	Dough (120 DAS)
1 Irrigation	✓					
2 Irrigations	✓			✓		
3 Irrigations	✓		✓		✓	
4 Irrigations	✓	✓	✓		✓	
5 Irrigations	✓	✓	✓	✓	✓	
6 Irrigations	✓	✓	✓	✓	✓	✓

Weed Management

Below mentioned are the recommendations for chemical weed control in Wheat crop.

Weed Flora	Herbicides	Dose gram a.i/ Acre	Time of Application
Grasses	Clodinafop	24	30-35 Days After Sowing
Broad Leaf Weed (BLW)	Metsulfuron Methyl	1.6	30-35 Days After Sowing
Both Grassy & BLW	Sulfosulfuron	10	30-35 Days After Sowing

Major Pests & Diseases

These are the chemical control recommendations for key pests & diseases of Wheat crop.

Disease	Management
Rusts	Spray Propiconazole 25 EC @ 0.1% using 80 litres of water/acre
Aphids	Use Imidacloprid 200 SL @ 8gm a.i./acre
Termites	Chloropyrifos 20 EC @1.2 litres mixed in 20kg soil /acre
Loose Smut	Seed treatment with Carboxin (75 WP @ 2.5 gm/kg seed)
Flag Smut	Seed treatment with Carboxin (75 WP @ 2.5 gm/kg seed)

Harvesting

Harvest wheat when grains are hard and plants turn golden yellow. Timely harvesting minimizes losses due to shattering and lodging.