

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

OAC Constellation



**SOFT RED
WINTER WHEAT**

- ✓ Well-rounded choice for winter survival, standability, yield, grade retention and straw
- ✓ Strong defense against leaf and stripe rusts
- ✓ Earlier maturing than OAC Moon and OAC Virgo
- ✓ Great harvest threshability with high test weight levels
- ✓ Excellent grade retention minimizes pre-harvest sprouting damage
- ✓ Developed by the University of Guelph wheat breeding program to meet the needs of Ontario producers

CHARACTERISTICS

Type	Area(s)	Awns	Yield Index (%)	Heading (days)	Maturity (days)	Standability	Plant Height	Straw Yield (t/ha)	Test Weight	Thousand Kernel Weight (g)
Wheat, Canada Eastern Soft Red Winter	Ontario, Quebec and the Maritimes	Yes	105	153	186	Above Average	Medium	4.9	Above Average	36.4

MANAGEMENT

DISEASE & PATHOGENS

Seeding Rate (seeds/acre based on optimal planting timing for area)	Winter Survival	Plant Growth Regulator (PGR) Use	Intensive Management Response	Fusarium Head Blight	DON
1.4 - 1.5 million for lighter textured soil. Increase to 1.6 - 1.7 million on heavier textured soil	Above Average	Recommended in higher fertility environments	4 - 9% yield increase from fungicide applications at both T1 (GS 30-31) and T3 (GS 60-65)	Moderately Susceptible	Moderately Susceptible

BACKGROUND

Line Number	Developer
OAC 17-SRW-04	University of Guelph, Guelph ON

Data values were collected under different management practices at different locations in different years and are for comparison purposes only. See gocrops.ca for more information

Indicates variety protected under Plant Breeders Rights. For more information, visit seeds-canada.ca/en/seed-resources/plant-breeders-rights