



PIONEER® BRAND WINTER CANOLA

Pioneer® brand canola delivers leading products proven to help maximize yield potential.

- **LEADING DISEASE RESISTANCE** We combine industry-leading research with top genetics to help improve your productivity with unmatched disease resistance
- **TOP PERFORMANCE** With elite genetics, our canola hybrids deliver industry-leading yield potential and consistent oil content

PT303 NEW!



- Offers excellent yield
- Pioneer Protector® Sclerotinia trait
- Very good winter resistance

PRODUCT KEY ATTRIBUTES

Yield	Excellent yield potential
Plant Height	60-70 inches
Lodging resistance	Strong lodging resistance
Sclerotinia tolerance	Improved sclerotinia tolerance
Blackleg	Multigenic resistance
Oil Content	Very high
Maturity	Mid-maturing hybrid



Lumiderm®

INSECTICIDE SEED TREATMENT

PROTECTION WITH LUMIDERM® INSECTICIDE SEED TREATMENT

When you've planted Lumiderm® treated canola seed, your crop gets the full advantage for its highest yield potential. This enhanced protection is critical during the first few weeks of seedling growth, which allows your canola crop to thrive. Lumiderm has also led to substantial increases in plant vigor and biomass.



THE CANOLA THAT CAN CHECK ALL THE BOXES

- ✓ **STRONG AGRONOMICS**
- ✓ **TOP PERFORMANCE**
with elite genetics
- ✓ **DISEASE RESISTANCE**
to sclerotinia
- ✓ **YIELD POTENTIAL**
- ✓ **SEED PROTECTION**
with Lumiderm® insecticide seed treatment
- ✓ **CONSISTENT OIL CONTENT**



PIONEER

CANOLA

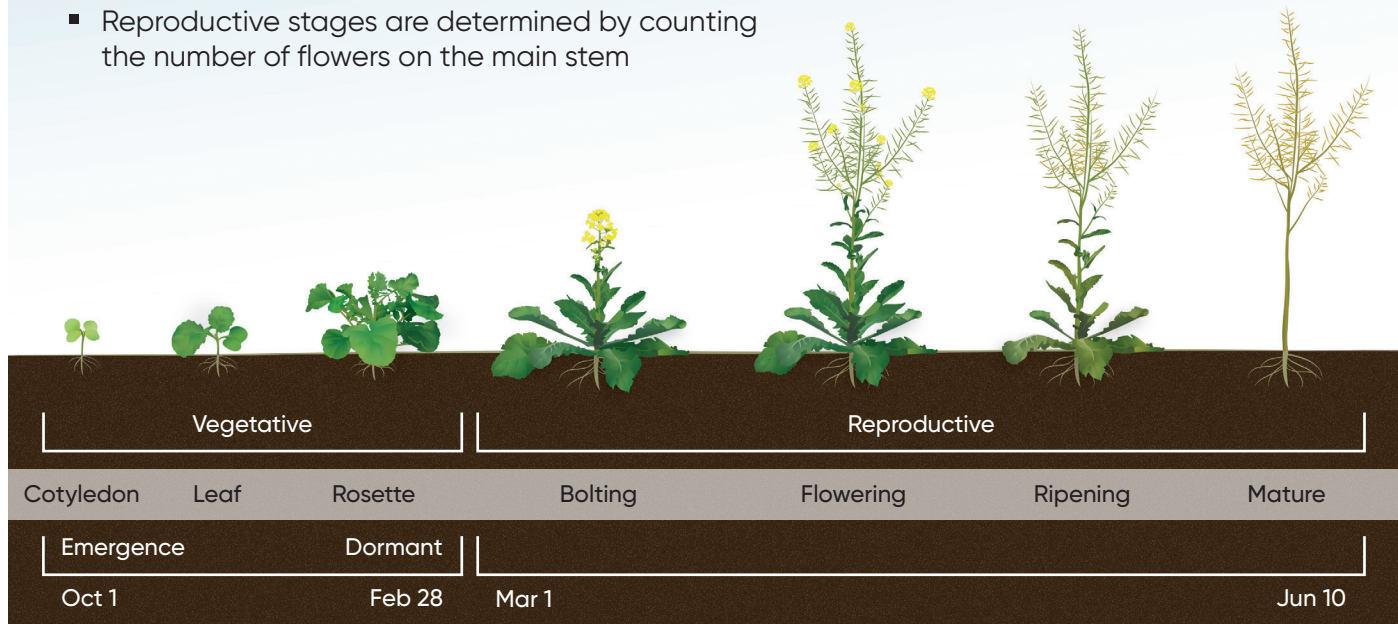


PRODUCTION GUIDELINES

Planting Dates	Sept. 10 - Oct. 1 on well drained soils
Seedbed Prep	Firm Seedbed required
Seeding Rate	3 - 3.5 lbs/ac (depending on seed size) to achieve final stand of 5 - 7 plants per sq/ft in late fall
Row Spacing	7.5" - 15"
Seeding Depth	1/4" - 1/2"
Weed Control	Pre-emergence herbicide application is important. Clean seedbed is vital for stand establishment and weed control. Avoid fields with Italian ryegrass or wild mustard/radish.
Fertility	Fall (per acre): Nitrogen 25 lbs, P=80 lbs, K=120 lbs, Sulfur=25 lbs, Boron=2 lbs. Adjust per soil test. Spring (per acre): Applied prior to stem extension - Nitrogen 100 lbs (split applied around 30 days apart to maximize yield), 1st application to include Sulfur=25 lbs, Boron=2 lbs.
Insect Management	Treat per scouting thresholds for aphids and/or cabbage pod weevils.
Fungal Disease Management	Fungicide is highly recommended at early bloom for Sclerotinia and other diseases. Application timing 30-50% bloom.
Harvest	Late May - Early June, use of a desiccant to ensure even moisture/maturity for ease of harvest.

Winter Canola Development Stages

- Divided into vegetative stages and reproductive stages
- Vegetative stages are determined by examining the number of leaves on the main or terminal stem
- Reproductive stages are determined by counting the number of flowers on the main stem



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