DOVE DESTROYER
IT'S FOR THE BIRDS

TECH SHEET
HYBRID SUNFLOWER SEED

SHORTY

VERY EARLY | IMI TOLERANT | BLACK OIL SEED | WORKS IN THE CLEARFIELD® PRODUCTION SYSTEM

Our dwarf sunflower. Low, sturdy and our quickest to bloom, at about 51 days, so it stays standing when the wind and storms roll through.

CHARACTERISTICS

Maturity	**Very Early**
Seed color	**Black**
Days to flower	**51**
Days to relative maturity	**90**
Average height	**42-50 inches**

AGRONOMIC TRAITS

- IMI (imidazolinone) herbicide tolerance
- DMR tolerance
- OR7 tolerance
- Consistent across soil types
- Good disease tolerance
- Drought tolerance
- Very good center head fill
- Half turned head position

AGRONOMIC RATINGS

Leaf Rust	9
Phomopsis	5
Downy Mildew	9
Stalk Quality	9
Root Quality	9
Self-Compatibility	7

Scale 1 to 9: 9 = Highly Resistant, 1 = Highly Susceptible

AT A GLANCE

Herbicide trait	**IMI (imidazolinone) tolerant**
Works in	**Clearfield® production system**
Herbicide option	**Can be sprayed with Beyond® herbicide**
Seeding rate	**18,000-24,000 plants per acre (NDSU)**
Bag sizes	**10 lb · 25 lb**

Always read and follow herbicide label directions.

PLANTING TIPS

- **Warm soil.** Sunflower seed needs soil near 50°F to germinate. In the northern Great Plains, planting runs from May 1 to late June.
- **Depth.** Plant 1.5 to 2.5 inches deep with good seed-to-soil contact and a closed furrow. If you plant deeper, raise the seeding rate.
- **Population.** Aim for 18,000-24,000 plants per acre, and plant about 10-15% more seed than your target stand. Go lower on light soils or where rain is unreliable.
- **Planter setup.** Calibrate the planter and recalibrate every time you switch hybrids or seed lots. Even spacing with no doubles or big gaps gives the best stand.
- **Rows or solid.** Rows and solid seeding (rows under 20 inches) yield about the same. Keep solid-seeded stands at the high end of the population range.

Planting tips adapted from NDSU Extension, Sunflower Production Guide (A1995), and NDSU's "Planting Sunflower with Attention to Details."