

# Trial Three

## Green Pea Fungicide & Nutrient Trial

### Summit Acre Farm



**Seeding Date:** May 3, 2025

**Harvest Date:** Aug 27, 2025

**Variety:** CDC Forrest

**Trial Area:** Pineview, BC

# Green Pea Fungicide and Nutrient Trial

## Summit Acre Farms—Pineview, BC

### Project Goal:

To trial Fungicide, and a Boron Molybdenum treatment at Fungicide timing and to see what benefit each has alone or if the combination is better. This fungicide is used to treat Mycosphaerella blight, powdery mildew, anthracnose, and Septoria leaf spots and blotches. The nutrient package containing boron, potassium, and molybdenum is intended to enhance seed fertilization and development.

**Seeding Date:** May 3, 2025

Seeded using a Seedhawk air drill with 12-inch spacing and single-knife openers.

**Fertility:** Seed Placed

117 lbs of 3.2-15-0-15-0-18.5 (Calcium)

**Variety:** CDC Forest

**Herbicide:** 04/06/2025 Ransack+UAN+Radiate Plus

**Fungicide:** 04/07/2025

Function(0.404l) +Boron(1l)+Mo(20g/ac)

**14 gallons of water/acre**



### Weather and Growing Conditions:

Very Dry conditions all of May (32% of Normal precipitation)

Followed by a cool wet June (107% of Normal precipitation),

July was cool and dry (43% of Normal precipitation)

Going into Fungicide timing we had experienced lots of rainy cool overcast days with humidity.

Following application there were 2 weeks of very dry albeit cooler weather.

### Crop Conditions:

Overall Crop Conditions were good coming into fungicide timing. Herbicide application had not hurt the peas as the plants were big and well rooted enough to withstand the heavy rains of mid June.

Plants looked healthy with some sign of disease on lower leaves. Plant stand was thick at 9.5 plants/sq ft.

Fungicide and Nutrients were applied at beginning of flowering.

With the following application, there were no visible differences noted with crop flowering, or noticeable diseases presence.

### Harvest:

Peas were desiccated Aug 19th, 2025 with Reglone @ .7L/acre

Harvest commenced Aug 27th, with the peas being dry. Harvest conditions were excellent.

No differences in harvestability were noticed between different product application groups.

Although some color variations were noticed between trials at time of harvest.

### Product description:

Omex KB78 ANALYSIS (8% BORON) Boron Cost: \$7.40/ Acre

OMEX Molybdenum 3% Cost: \$1.48/ Acre

Function by Sharda Fungicide Active Ingredients: **Azoxystrobin 75 g/L / Propiconazole 125 g/L**  
Cost: \$11.20/ Acre



## Harvest Data Collection

Yield data:

Yield Information					
Treatment	Liter of product/acre	Seed Moisture	Percent Bleached	Acres combined in trial	Yield Bu/ac
Check	0	15%	1.8%	5.3	62.8
Function	.404	15.3%	1.3%	5.3	67.4
Function+KB 78+Molybdenu m	1.5	15.3%	1.3%	5.3	75.5

\* Yields weights taken by same grain cart with scales in stationary level position.

**Green = Check**

**Blue = Fungicide Only**

**Purple = All Products**





Approximate Application timing/staging



Noticeable peas shelled out on day of harvest. Possibly due to excessive heat shortly after desiccation.