



Powdery Mildew Fungicide Field Trial 2008: Pumpkins

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Pumpkin Fungicide Trial

- Located near Lorenzo and Lockney.
- Pumpkin variety: “Fairytale”
- Planting Date: May 23, 2008
- Spacing: 40 inches between rows, 80 inch row spacings.
- Sprays: August 17, August 27, Sept 4
- Harvest: September 17, 2009

Pumpkin Harvest Data (Powdery Mildew)

| Treatment | Rate | Severity (% Leaf) |
|----------------|------------|-------------------|
| Untreated | - | 19.3 a |
| A 16001 | 14 fl.oz/A | 5.5 c |
| A 16001 | 20 fl.oz/A | 5.3 c |
| A 13703 | 10 fl.oz/A | 8.8 bc |
| Pristine 38 WG | 12.5 oz/A | 18.0 ab |
| Nova 40 WP | 2.5 oz/A | 11.8 abc |

Pumpkin Harvest Data (Powdery Mildew)

| Treatment | Rate | Avg # Fruit |
|----------------|------------|-------------|
| Untreated | - | 7.5 a |
| A 16001 | 14 fl.oz/A | 8.3 a |
| A 16001 | 20 fl.oz/A | 10.5 a |
| A 13703 | 10 fl.oz/A | 7.0 a |
| Pristine 38 WG | 12.5 oz/A | 7.8 a |
| Nova 40 WP | 2.5 oz/A | 8.3 a |

Pumpkin Harvest Data (Powdery Mildew)

| Treatment | Rate | Avg Yield (lbs) |
|----------------|------------|-----------------|
| Untreated | - | 161.3 a |
| A 16001 | 14 fl.oz/A | 165.0 a |
| A 16001 | 20 fl.oz/A | 211.7 a |
| A 13703 | 10 fl.oz/A | 133.7 a |
| Pristine 38 WG | 12.5 oz/A | 163.9 a |
| Nova 40 WP | 2.5 oz/A | 170.2 a |

LSD=85.697

Pumpkin Harvest Data (Powdery Mildew)

| Treatment | Rate | Avg Yield (lbs/A) |
|----------------|------------|-------------------|
| Untreated | - | 60234.2 a |
| A 16001 | 14 fl.oz/A | 61594.3 a |
| A 16001 | 20 fl.oz/A | 79057.7 a |
| A 13703 | 10 fl.oz/A | 49924.1 a |
| Pristine 38 WG | 12.5 oz/A | 61210.1 a |
| Nova 40 WP | 2.5 oz/A | 63559.0 a |