

**2002 Strip Plot
Soilborne Disease
Gaines County**

| Treatment | Chemical | Rate/A | Timing | Product |
|------------------|-----------------|---------------|-------------------|----------------|
| 1 | BAS 510 | 9.14 oz. | All | |
| 2 | Omega 500 | 1.5 pt. | 2 Sprays | |
| 3 | BAS 500 | 12 oz. | 45 day interval | |
| 4 | Moncut 70 WP | 1.0 lb. | Weather dependent | |
| 5 | Check | - | - | - |

10 Row Plots – 400’ long

Planted 5/6/02

Variety – Flavorranner 458

Harvested 11/18/02

**2002 Strip Plot
Gaines County**

| Treatment | Yield/A | Total smk +ss | %DK | %OK | \$/Ton | Vale \$/A |
|---------------------------------|----------------|----------------------|------------|------------|---------------|------------------|
| Farmers treatment | 5264 | 81 | - | 1 | 396.76 | 1044 |
| 1 | 4985 | 81 | - | 1 | 396.76 | 989 |
| 2 | 5542 | 77 | - | 2 | 378.67 | 1049 |
| 3 | 5348 | 78 | - | 1 | 382.12 | 1022 |
| 4 | 4815 | 76 | - | 2 | 373.76 | 890 |
| 5 | 3726 | 78 | - | 2 | 383.52 | 714 |
| Farmer Ridomil IFAP only | 4961 | 80 | - | 1 | 391.88 | 972 |

**2002 Gaines County
Strip Plot
Dug 10/09/02**

| Treatment 1 | Diseased Plants/600 row ft. |
|--------------------|------------------------------------|
| Rows 1 & 2 | 41 |
| 3 & 4 | 34 15% Sclerotinia |
| 5 & 6 | 36 85% Rhizoctonia |
| 7 & 8 | 42 |
| Ck. Rows 9 & 10 | 94 |
| Treatment 2 | Diseased Plants/600 row ft. |
| Rows 11 & 12 | 31 |
| 13 & 14 | 33 20% Sclerotinia |
| 15 & 16 | 42 80% Rhizoctonia |
| 17 & 18 | 42 |
| Ck. Rows 19 & 20 | 116 |
| Treatment 3 | Diseased Plants/600 row ft. |
| Rows 21 & 22 | 81 |
| 23 & 24 | 59 35% Sclerotinia |
| 25 & 26 | 48 65% Rhizoctonia |
| 27 & 28 | 54 |
| Ck. Rows 29 & 30 | 84 |
| Treatment 4 | Diseased Plants/600 row ft. |
| Rows 31 & 32 | 68 35% Sclerotinia |
| 33 & 34 | 65 65% Rhizoctonia |
| 35 & 36 | 51 |

**Weather Data
2002 Strip Plot, Soilborne Disease
Gaines County**

| | | |
|---------------------|-----------|-----------|
| Spray Date | 7/10 | 8/13 |
| Soil Temp | 74 | 70 |
| Air Temp | 92 | 85 |
| Humidity | 33% | 48.5 % |
| Wind Speed | 3 mph | None |
| Wind Direction | SW | - |
| Time of Application | 1:30 P.M. | 9:15 A.M. |
| Dew Present | No | No |
| % Cloud Cover | 10% | 2% |