

Michigan 2006 Seed Treatment Potato Leafhopper Trial

Michigan Dry Edible Bean Production Research Advisory Board

Gregory Varner

| Planted June 10 | | | 17 days | 23 days | 30 days | 37 days | 44 days | YIELD |
|------------------------|------|------------|-----------|-----------|------------|------------|------------|-----------|
| Emergence June 16 | | Plants per | per plant | per plant | per trifol | per trifol | per trifol | pounds/Ac |
| Treatment Product Rate | Foot | June 27 | July 3 | July 10 | July 17 | July 24 | | |
| 1 CHECK | | 7.4 | 1.2 | 1.4 | 1.3 | 1.7 | 2.2 | 2022 |
| 2 APRON MAXX RFC | 6.25 | 7.3 | 1 | 1.5 | 1.1 | 1.7 | 2.1 | 2389 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| 3 APRON MAXX RFC | 6.25 | 7.2 | 0 | 0 | 0.1 | 1.7 | 1.7 | 2318 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| A9765 | 50 | | | | | | | |
| 4 A14379 | 56.5 | 7.3 | 0 | 0 | 0.05 | 1.1 | 1.5 | 2519 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| 5 A14379 | 56.5 | 7.3 | 0 | 0 | 0.05 | 1 | 1.4 | 2435 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| DYNASTY .83 FS | 1 | | | | | | | |
| 6 APRON MAXX RFC | 6.25 | 7.4 | 1 | 1.1 | 1 | 1.8 | 1.8 | 2135 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| LORSBAN 50 WP | 62 | | | | | | | |
| 7 APRON MAXX RFC | 6.25 | 7.4 | 0 | 0 | 0.1 | 0 | 0.2 | 2330 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| DIMETHOATE 480EC | 0.28 | | | | | | | |
| 8 APRON MAXX RFC | 6.25 | 7.3 | 0 | 0 | 0 | 0 | 0 | 2162 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| WARRIOR W/ ZEON 1 | 28 | | | | | | | |
| 9 STP15126 | 55 | 7.2 | 0 | 0 | 0.3 | 1.4 | 1.6 | 2127 |
| STP15154 | 15 | | | | | | | |
| STP15201 | 62.5 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| 10 A14379 | 56.5 | 7.3 | 0 | 0 | 0.1 | 1.3 | 0 | 2171 |
| A9382 | 3.75 | | | | | | | |
| STREPTOMYCIN | 2 | | | | | | | |
| WARRIOR W/ ZEON 1 | 28 | | | | | | | |

LSD @ .05=296
C.V. VALUE=9.0%

Vista navy beans, Planted June 10, Plant emergence on June 16.
Potato leafhopper yellowing (burn) could be observed on June 26.
Spray dates were June 26, July 11, and July 17.
Treatment 10 sprayed on July 17.
Harvest Date: September 22
No Seedcorn Maggot