

Michigan 2007 Seed Treatment Potato Leafhopper Trial

Michigan Dry Edible Bean Production Research Advisory Board

Gregory Varner

Planted June 6			14 days	28 days	35 days	42 days	YIELD pounds/Ac
Emergence June 12			per plant	per plant	per trifol	per trifol	
Treatment	Product	Rate	Plants per Foot	June 26	July 10	July 17	July 24
1	MAXIM 4 FS	2.5 GA/100KG					
	APRON XL 3 LS	7.5 GA/100KG	7	1.1	1.1	1	1
	STREPTOMYCIN	2 %V/V					
	MAXIM 4 FS	2.5 GA/100KG					
2	APRON XL 3 LS	7.5 GA/100KG	7.3	0.1	0.1	0.6	0.6
	STREPTOMYCIN	2 %V/V					
	A9765	50 GA/100K					
	A14379	56.5 GA/100KG					
3	APRON XL 3 LS	3.75 GA/100KG	7.4	0	0	0.6	0.6
	STREPTOMYCIN	2 %V/V					
	A14379	56.5 GA/100KG					
4	APRON XL 3 LS	3.75 GA/100KG	7.2	0	0	0.4	0.4
	STREPTOMYCIN	2 %V/V					
	DYNASTY .83 FS	1 GA/100KG					
	MAXIM 4 FS	2.5 GA/100KG					
5	APRON XL 3 LS	7.5 GA/100KG	7.1	1.2	1.2	1.2	1.2
	STREPTOMYCIN	2 %V/V					
	LORSBAN 50 WP	62 GA/100KG					
	MAXIM 4 FS	2.5 GA/100KG					
6	APRON XL 3 LS	7.5 GA/100KG	7.3	0	0	0	0
	STREPTOMYCIN	2 %V/V					
	DIMETHOATE 480EC	0.28 8 oz/AC					
	MAXIM 4 FS	2.5 EED					
7	APRON XL 3 LS	7.5 EED	7.2	0	0	0	0
	STREPTOMYCIN	2 %V/V					
	WARRIOR W/ ZEON 1	28 3.2 oz/AC					
	CAPTAN 4L	55 GA/100KG					
8	ALLEGIANCE-FL	15 EED	7.1	0.3	0.3	0.7	0.7
	PONCHO 70 WP	60 GA/100KG					
	STREPTOMYCIN	2 %V/V					
	A14379	56.5 GA/100KG					
9	APRON XL 3 LS	3.75 GA/100KG	7.1	0.1	0.1	0.5	0.5
	STREPTOMYCIN	2 %V/V					
	WARRIOR W/ ZEON 1	28 3.2 oz/AC					

LSD @ .05=228
C.V. VALUE=7.3%

Vista navy beans, Planted June 6, Plant emergence on June 12.

Potato leafhopper yellowing (burn) could be observed on June 26.

Spray dates for treatments 6 and 7 were June 29, July 13, and July 26.

Treatment 9 only sprayed on July 26.

Harvest Date: September 16

No Seedcorn Maggot