

# Michigan 2008 Seed Treatment Potato Leafhopper Trial

Michigan Dry Edible Bean Production Research Advisory Board

Gregory Varner

Treatment Product	Rate	Plants/foot	Variety-Class	YIELD pounds/Ac
1 MAXIM 4 FS	2.5 GA/100KG	3.5	Othello-Pinto	1801
APRON XL 3 LS	7.5 GA/100KG			
STREPTOMYCIN	2 %V/V			
2 MAXIM 4 FS	2.5 GA/100KG	4	Othello-Pinto	1857
APRON XL 3 LS	7.5 GA/100KG			
STREPTOMYCIN	2 %V/V			
CRUISER 5 FS	0.189 mgai/seed			
3 MAXIM 4 FS	2.5 GA/100KG	3.7	UI 425-GN	1874
APRON XL 3 LS	7.5 GA/100KG			
STREPTOMYCIN	2 %V/V			
4 MAXIM 4 FS	2.5 GA/100KG	3.8	UI 425-GN	1939
APRON XL 3 LS	7.5 GA/100KG			
STREPTOMYCIN	2 %V/V			
CRUISER 5 FS	0.1512 mgai/seed			
5 MAXIM 4 FS	2.5 GA/100KG	3.6	UI 425-GN	2042
APRON XL 3 LS	7.5 GA/100KG			
STREPTOMYCIN	2 %V/V			
CRUISER 5 FS	0.189 mgai/seed			
				LSD @ .05=280 C.V. VALUE=8.3%
6 MAXIM 4 FS	2.5 GA/100KG	7	Vista-Navy	1767
APRON XL 3 LS	7.5 GA/100KG			
STREPTOMYCIN	2 %V/V			
7 MAXIM 4 FS	2.5 GA/100KG	6.9	Vista-Navy	1648
APRON XL 3 LS	7.5 GA/100KG			
STREPTOMYCIN	2 %V/V			
CRUISER 5 FS	0.0965 mgai/seed			
8 MAXIM 4 FS	2.5 EED	7.1	Vista-Navy	1704
APRON XL 3 LS	7.5 EED			
STREPTOMYCIN	2 %V/V			
CRUISER 5 FS	0.189 mgai/seed			
				LSD @ .05=371 C.V. VALUE=12.6%

Potato leafhopper yellowing (burn) could be observed on July 14.

Planting Date: June 12

Harvest Date: September 18

No Seedcorn Maggot

## 2008 Dry Bean Foliar Insecticide Trial

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Treatment	Rate	Applications	Yield
Untreated			1947
Baythoid	1.6 oz	2	2275
Leverage	3.5 oz	2	2048
Leverage plus N.I.S.	3.5 oz, .25%	2	2210
Leverage plus N.I.S. and AMS	3.5 oz, .25%, 2lbs	2	2078
Asana	6 oz	2	2096
Dimethoate	16 oz	2	2297
Mustang	4.3 oz	2	2209
Movento plus Dyne-Amic	5 oz, .25%	2	2234
Steward	6.7 oz	2	2187
Steward	11.3 oz	2	1934
Radiant	5 oz	2	2097
Intrepid	10 oz	2	1919
foliar			
		LSD @ .05	280
		C.V.	9.00%

Date planted: June 12

Dates Sprayed: July 14 and July 28

Date Harvested September 18

Dry Bean Variety and Class: Vista Navy

Four Rows by 50 feet Sprayed, Harvested Middle Two Rows by 15 feet

Sprayed with tractor sprayer

20 gallons per acre at 30 psi

Conducted by Greg Varner, Research Director, Michigan Dry Bean Research Board

Location: Saginaw Valley Bean and Sugar Beet Research Farm, Saginaw County, Michigan

GPS Location: (Lat) N 4322482.1, (Long) W 8406445.3, Elevation 587