



Partnership
of:

Sugar Beet Growers
Michigan Sugar Company
Michigan State University
Agribusiness

BACTERIAL SEED TREATMENT TRIAL

ON-FARM RESEARCH AND DEMONSTRATION

Cooperator:	Bean and Beet Research Farm	Tillage:	
Location:	Saginaw County	Harvest Date:	10/11/06
Planting Date:	4/18/06	Variety:	7172 RZ
Previous Crop:		Herbicides:	
Soil Type:		Replicated:	6x
Row Spacing:	30 Inch	# Rows Harvested:	2
Fertilizer:		Fungicide:	

TREATMENT	RWSA	TONS PER ACRE	RWST	% SUGAR	% CJP	POPULATION 100 FT. ROW				1200 Ft. RHIZ
						9 DAY	16 DAY	22 DAY	HARVEST	
Bacterial Seed Treatment	8195	30.8	266	18.3	94.2	23	97	109	-	-
Check	7846	30.7	255	17.6	94.2	22	94	104	-	-
AVERAGE	8020	30.8	260	17.9	94.2	22	96	106	-	-
LSD (5%)	1230	1.9	14	0.8	0.8	11	14	8	-	-
C.V. (%)	10	7.2	4	3.2	0.6	35	10	5	-	-

Comments: A bacterial seed treatment product was applied to the seed at time of coating. Research was conducted on this product to evaluate possible benefits to sugar beets in root and yield enhancement. NO significant yield differences or emergence was measured. Product marketed by Montana Micro Bio Products.

Trial Reliability: FAIR

Cooperating Agriculturist(s): Paul Horny, Dennis Fleishman – Bean and Beet Research Farm