

(04TILLAGE1)

Ohio State University
Horticulture and Crop Science

FALL TILLAGE TRIAL I

Trial ID: 04TILLAGE1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH G Investigator: Dr. Mark M. Loux

GENERAL TRIAL INFORMATION

Study Director: Anthony F. Dobbels
Investigator: Dr. Mark M. Loux

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Crop 1: ZEAMX CORN, FIELD **Variety:** DEKALB DKC63-81 RR YG
Planting Date: 4-28-04 **Planting Method:** JOHN DEERE 7200
Rate: 32097 SEED/A **Depth:** 1.5 IN
Row Spacing: 30 IN

SITE AND DESIGN

Plot Width, Unit: 20 FT **Plot Length, Unit:** 200 FT **Reps:** 4
Study Design: RANDOMIZED COMPLETE BLOCK

MAINTENANCE

Field Prep./Maintenance: APPLIED 2.5 PT/A HARNESS XTRA 5.6 ON 4-29-04

APPLIED 22 OZ ROUNDUP WEATHERMAX ON 6-8-04

PLOT 201 HAD STANDING WATER KILLING MANY PLANTS

SOIL DESCRIPTION

% OM:	2.7	Texture:	silt loam
pH:	6.3	Soil Name:	Crosby
CEC:	19.3		

APPLICATION DESCRIPTION

	A	B	C
Application Date:	11-17-03	11-21-03	4-28-04
Time of Day:	2:00 P.M.	3:00 P.M.	3:00 P.M.
Applic. Placement:	SOIL	SOIL	SOIL

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ZEAMX	ZEAMX	ZEAMX

(04TILLAGE1)

Ohio State University
Horticulture and Crop Science

FALL TILLAGE TRIAL I

Trial ID: 04TILLAGE1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH G Investigator: Dr. Mark M. Loux

Crop Code	ZEAMX	ZEAMX	ZEAMX
Rating Data Type	WEIGHT	MOISTURE	YIELD
Rating Unit	LBS	PERCENT	BU/ACRE
Rating Date	10-28-04	10-28-04	10-28-04
Crop Stage			
Trt-Eval Interval	HARVEST	HARVEST	HARVEST
ARM Action Codes			TY1
# Subsamples, Dec.	1	1	1

Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	5	6	7
1	YETTER STRIP TILLER					1208.8 a	17.3 a	230.1 a
2	NO-TILLAGE					1216.3 a	17.6 a	230.7 a
3	RIPPER					1196.3 a	17.4 a	227.5 a
4	FALL CHISEL					1187.9 a	17.3 a	225.6 a
5	SPRING 1 PASS FINISH					1238.8 a	17.5 a	235.3 a
	LSD (P=.05)					70.24	0.63	13.46
	Standard Deviation					45.13	0.41	8.65
	CV					3.73	2.35	3.76
	Replicate F					1.485	5.482	1.420
	Replicate Prob(F)					0.2724	0.0132	0.2893
	Treatment F					0.758	0.346	0.717
	Treatment Prob(F)					0.5737	0.8417	0.5977

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 3: TY1 = 0.1944643*[5]*(100-[6])/84.5