

2014 LTER Main Site Harvest

of Rows

Field		Load		Crop	Harvested	2014	Actual	%	Indicated	Dry	Acres	Dry	lbs/bu	Comments
#	Name	#	Name		Variety									
	T1-R1	15	West	Corn	60	10/30	11,110	21.6	8390	2720			52.6	
		16	East	Corn	54	10/30	7,890	20.4	7890	-	only one hopper		53.0	
	T1-R2	5	West	Corn	60	10/30	11,140	22.6	8230	2910			50.0	
		6	East	Corn	54	10/30	10,540	22.4	8540	2000			50.6	
	T1-R3	1	West	Corn	60	10/30	11,800	22.4	7630	4170			52.0	
		2	East	Corn	54	10/30	10,080	23.5	7960	2120			51.7	
	T1-R4	7	West	Corn	60	10/30	10,510	21.9	8140	2370			52.6	
		8	East	Corn	54	10/30	8,780	22.0	7830	950			51.8	
	T1-R5	17	West	Corn	60	10/30	10,030	21.9	8130	1900			52.6	
		18	East	Corn	54	10/30	8,680	21.1	8680	-	only one hopper		52.5	
	T1-R6	23	West	Corn	60	10/30	11,920	20.3	8130	3790			52.3	
		24	East	Corn	54	10/30	9,660	19.5	8370	1290			52.8	
	T2-R1	3	West	Corn	60	10/30	11,790	20.8	8160	3630			52.8	
		4	East	Corn	54	10/30	10,470	21.0	8150	2320			52.6	
	T2-R2	13	West	Corn	60	10/30	11,010	20.4	8310	2700			52.3	
		14	East	Corn	54	10/30	10,840	21.3	8500	2340			52.4	
	T2-R3	11	West	Corn	60	10/30	13,400	20.9	8780	4620			52.3	
		12	East	Corn	54	10/30	11,330	21.4	8780	2550			51.8	
	T2-R4	9	West	Corn	60	10/30	12,700	21.1	8310	4390			51.8	
		10	East	Corn	54	10/30	11,180	20.6	8720	2460			52.9	
	T2-R5	19	West	Corn	60	10/30	11,640	20.1	7600	4040			52.9	
		20	East	Corn	54	10/30	10,950	20.6	8490	2460			51.8	
	T2-R6	21	West	Corn	60	10/30	12,260	21.4	7920	4340			51.1	
		22	East	Corn	54	10/30	10,240	21.4	7950	2290			52.3	

Killbros Model 350 Wagon #2
 Kill Brothers Co.
 Oelphos, Ohio

2014 LTER Main Site Harvest

Field		Load		Crop	Variety	2014 Date	Actual Lbs	% Moist	Indicated Lbs	Dry Bu	Acres	Dry Yield	Test Weight	Comments
#	Name	#	Name										lbs/bu	
T3-R1		25	West	Corn	60	11/5	9,330	24.1	7140 2190				48.8	
		26	East	Corn	54	11/5	8,700	26.4, 26.6	6780 1920	26.5				48.4, 48.2, 48.4
T3-R2		27	West	Corn	60	11/5	11,740	25.3	6490 5250				48.4	
		28	East	Corn	54	11/5	10,090	24.9	5830 4260				49.7	
T3-R3		29	West	Corn	60	11/5	10,190	25.1	6740 3450				49.2	
		30	East	Corn	54	11/5	9,040	24.3	6000 3040				48.6	
T3-R4		35	West	Corn	60	11/5	9,930	26.7	6490 3440				49.0	
		36	East	Corn	54	11/5	8,780	27.3, 27.3	5690 3090				46.7, 48.5	
T3-R5		33	West	Corn	60	11/5	9,770	26.8	5400 4370				47.9	
		34	East	Corn	54	11/5	8,590	27.0	5880 2710				48.9	
T3-R6		31	West	Corn	60	11/5	10,620	28.9	6500 4120				47.8	
		32	East	Corn	54	11/5	8,660	24.5	5830 2830				48.8	
T4-R1		39	West	Corn	60	11/7	6620	30.5	only one harrow				47.3	
		40	East	Corn	54	11/7	6510	30.4					49.3	
T4-R2		41	West	Corn	60	11/7	7450	33.2					48.2	
		42	East	Corn	54	11/7	6640	31.0					48.3	
T4-R3		43	West	Corn	60	11/7	7130	29.3					47.6	
		44	East	Corn	54	11/7	6890	31.1					48.3	
T4-R4		45	West	Corn	60	11/7	7510	31.3					48.5	
		46	East	Corn	54	11/7	6200	27.4					49.7	
T4-R5		47	West	Corn	60	11/7	6270	32.5					48.1	
		48	East	Corn	54	11/7	5680	31.2					49.2	
T4-R6		37	West	Corn	60	11/7	5250	27.9					48.3	
		38	East	Corn	54	11/7	3130	26.3					48.7	

2014 KBSLTER Main Site

Main Cropping System Experiment

Treatment Key

- T1 Conventional corn/soybean/wheat
 - T2 No-till corn/soybean/wheat
 - T3 Reduced Input corn/soybean/wheat with cover crop
 - T4 Biologically Based corn/soybean/wheat with cover crop
 - T5 Poplar
 - T6 Alfalfa
 - T7 Early Successional community
 - T8 Mown Grassland (never tilled) community
- r = replicate number

Microplot Treatment Key

- Nitrogen fertilized
- Tillage (T7)
- Herbicide-free
- Nitrogen fertilized and weed-free

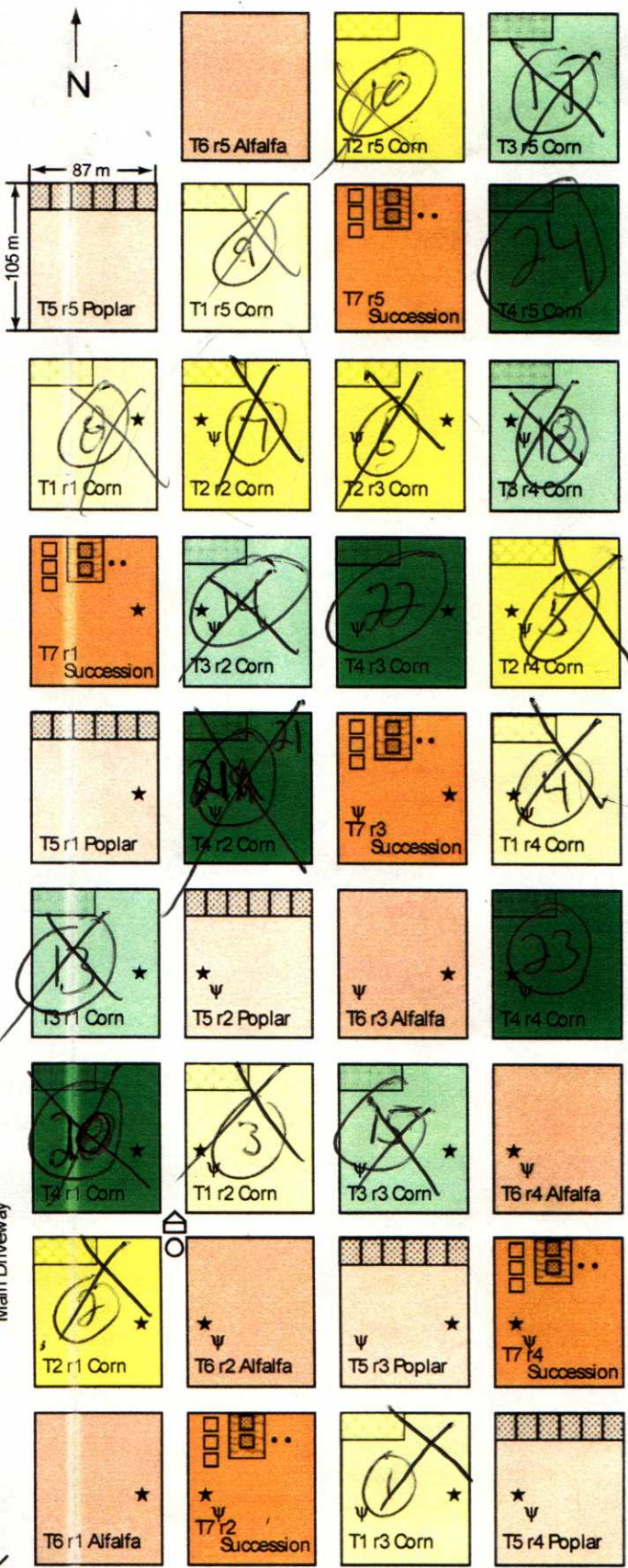
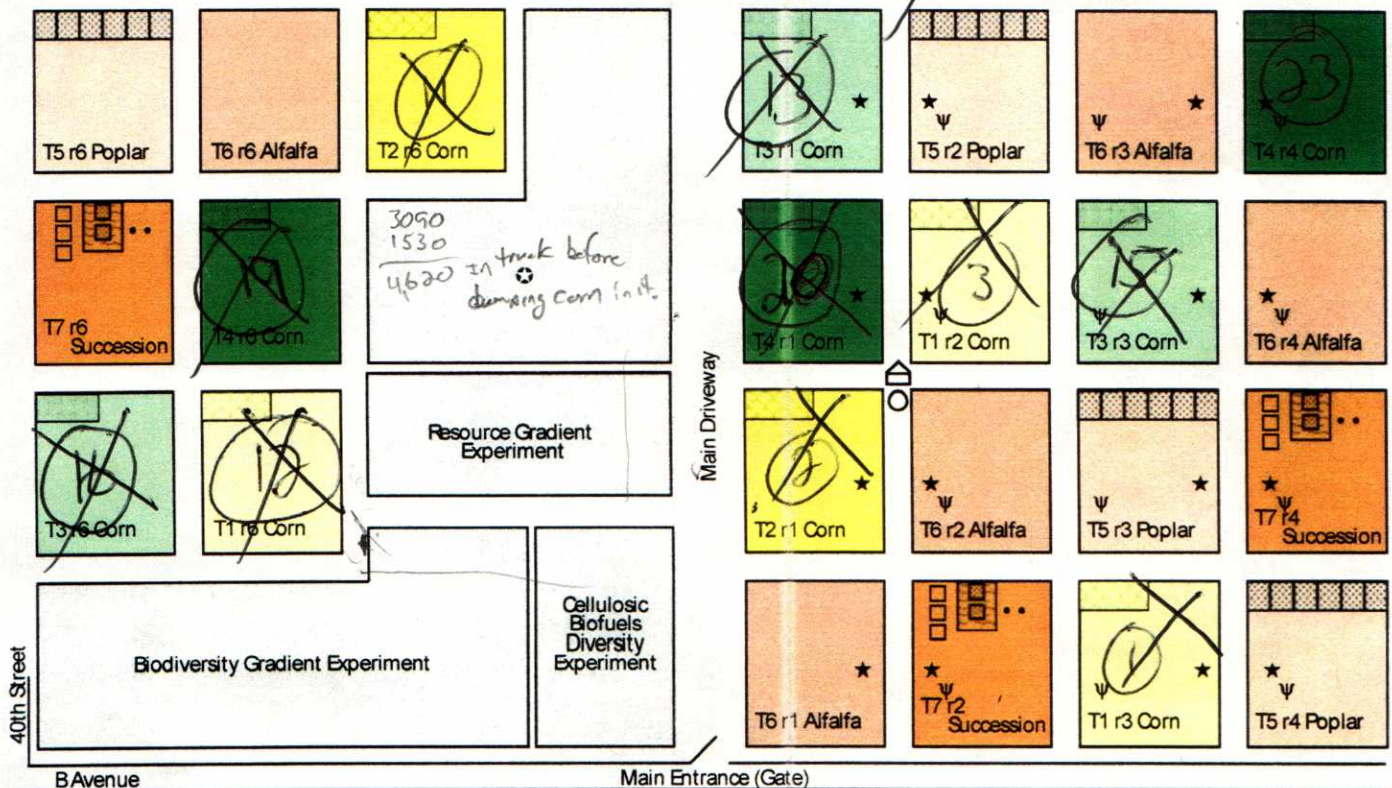
Instrumentation Key

- Minirhizotrons
- ★ Trace gas flux chambers
- ψ Low tension suction lysimeters
- ☼ Weather station & weighing lysimeter
- ⊠ Trace gas shed
- Wireless tower & sun photometer
- ⊙ Aphid tower

Storage & Shop

Field Lab

Soil Profile Pt



T8 r1
T8 r2
T8 r3
T8 r4
(200m off-site)