2017 Farm Management Competition

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Table 1. Farm management decisions and outcomes for individual farms.

Farm #	Hybrid	Insurance*	Seeding (seeds/acre)	Irrigation (inches)	Nitrogen (lbs/acre)	Yield (bu/acre)	Input Efficiency (ranking)	Profit ($/acre)
1[+]	Dyna-Grow D53VC55RIB	RP – EU – 80%	34,000	3.50	145	249.6	2	$136.62
2	Pioneer 801AM	YP – OU – 75%	30,000	5.30	150	231.9	13	-$57.18
3	Dyna-Grow D53VC55RIB	None	28,000	2.50	226	238.1	5	$46.53
4	NuTech 5L-713	RP – OU – 65%	32,000	9.00	240	210.3	14	-$148.95
5	Dekalb 63-60RIB	RP – OU – 75%	33,500	4.45	235	244.5	8	$103.04
6	Channel 210-26ST RIB	RP – OU – 65%	34,000	6.85	165	245.6	6	-$43.03
7[++]	Dyna-Grow D53VC55RIB	None	34,000	0.00	0	177.0	-	$34.82
8	Renk 877 Droughtgard	RP – OU – 70%	33,000	8.75	180	245.5	9	-$27.01
9[+++]	Dyna-Grow D53VC55RIB	RP – EU – 80%	34,000	7.00	175	260.8	1	$112.87
10	Dyna-Grow D53VC55RIB	YP – OU – 75%	34,000	6.80	165	260.7	3	$39.11
11	Pioneer 801AM	RP – EU – 70%	31,000	8.85	225	244.3	11	$23.21
12	Fontanelle 11A224	RP – EU – 80%	34,500	7.55	180	228.9	12	-$52.72
13	Pioneer P1197AM	RP – OU – 70%	32,000	8.85	165	257.3	4	$146.89
14	Golden Harvest G09Y24 3220a	RP – OU – 85%	30,000	4.70	231	238.7	7	-$153.33
15	Pioneer P1197AM	RP – OU – 75%	34,000	10.75	200	246.6	10	-$30.26

*RP: Revenue Protection; YP: Yield Protection; EU: Enterprise Unit; OU: Optional Units

[+]Farm #1: UNL Deficit Farm; [++]Farm #7: UNL Control Farm (no irrigation or nitrogen); [+++]Farm #9: UNL Non-Limiting Farm

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2017 UNL-TAPS Farm IDs

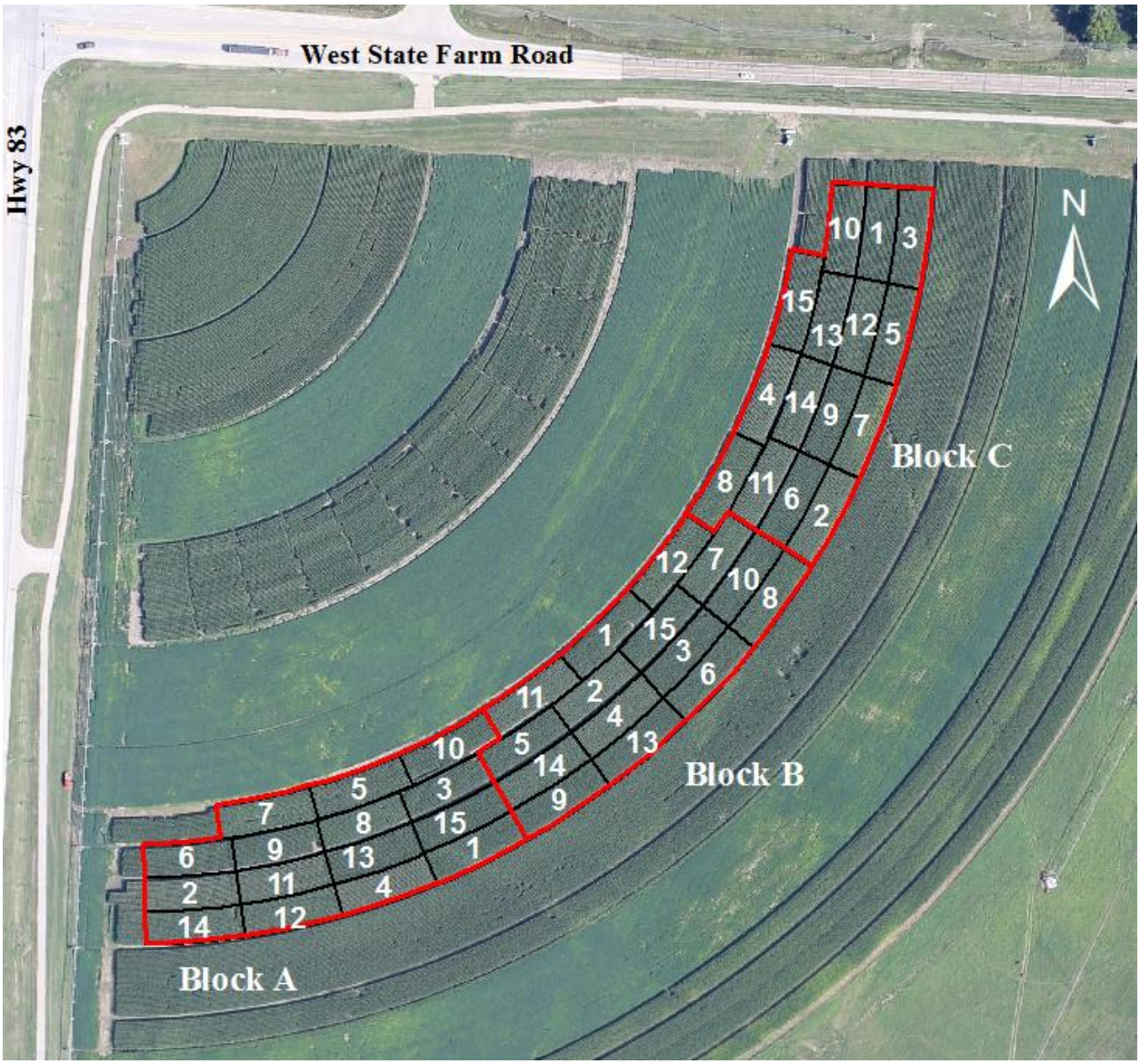

Figure 1. Experimental design for the 2017 UNL-TAPS Farm Management Competition held at the West Central Research and extension Center in North Platte, NE. The experiment is a randomized complete block design (RCBD) with 15 treatments replicated 3 times. The Farm ID's (i.e., treatments) are identified in the figure.