

University of Illinois Oat Drill Plots – Summary over 2014, 2015 and 2016

Name	Yield			TW	Heading Date	Height	Lodging	Crown Rust	Stem Rust	BYDV
	(bu/A)	Rank	% mean	(lbs/bu)	(Julian)	(in.)	(1-9)	(1-9)	(1-9)	(1-9)
Baker	133.3	2	104	30.6	159.8	39.9	4.6	3.2	4.7	4.3
Buckskin	124.6	8	98	32	157.6	35	5.1	6.7	5.3	4.3
Colt	122.7	9	96	32.6	156.8	39.3	5.4	6	3.7	6.5
Esker	127.7	7	100	29.9	162.1	40.8	5.4	4	4.7	5.5
Excel	129.1	5	101	28.6	160.3	39.4	4.3	6.5	4.3	3.5
Horsepower	128	6	100	31.7	159.6	38.5	3.6	4.2	5.3	5
Ogle	121	11	95	29.1	160.5	40.1	3.4	5.5	4	5
Reins	137.4	1	108	32.9	158.2	36.3	1.6	4.8	5.3	3.5
Saber	129.8	3	102	30.4	158	37.8	3.9	6.3	5.7	4.3
Shelby 427	121.3	10	95	33.4	156.8	41.8	2.8	1.7	3.3	5.8
Spurs	129.3	4	101	30.7	159.9	39	3.2	5.2	5.7	4.5
EXPT. MEAN	127.6			31.1	159.1	38.9	3.9	4.9	4.7	4.7
LSD (0.10)	9.2			1.4	3	3.7	1.7	1.5	1.9	1.2
LSD (0.05)	11			1.7	3.6	4.4	2	1.7	2.3	1.5
CV (%)	14.3			9.4	2.9	14.2	59.9	41.5	29.1	26.7
No. of reps	21			19	12	12	9	6	3	4

Data courtesy of Frederic Kolb

*2016 locations : Monmouth and Urbana, IL

*2015 locations : DeKalb and Urbana, IL

Lodging Scale: 0 = Standing, 9 = Severely Lodged

Crown/Stem Rust Scale: 0 = Resistant, 9 = Susceptible

Barley Yellow Dwarf Virus Scale: 0 = Resistant, 9 = Susceptible

University of Illinois Oat Drill Plots – Summary over 2015 and 2016

Name	2016 Urbana, IL									2016 Monmouth, IL				Summary over Two Locations*				
	Yield			TW	Heading Date	Height	Lodging	Stem Rust	BYDV	Yield			TW	Yield			TW	
	(bu/A)	Rank	% mean	(lbs/bu)	(Julian)	(in.)	(1-9)	(1-9)	(0-9)	(bu/A)	Rank	% mean	(lbs/bu)	(bu/A)	Rank	% mean	(lbs/bu)	Rank
Baker	134.8	9	100	29.6	156.3	39.7	3	4.7	4.5	136.9	2	108	33.9	135.8	4	104	31.7	7
Buckskin	130.1	10	97	31.9	154.3	35.3	4.3	5.3	4.5	126.9	9	100	34.4	128.5	12	98	33.2	5
Colt	139.8	5	104	32.8	153.7	39.7	5.3	3.7	7	127.7	7	101	35.3	133.8	6	102	34	2
Deon	106.8	14	80	25.7	158.7	39	3.7	5.7	4.5	116.5	13	92	33.5	111.7	13	86	29.6	14
Esker	147.1	3	110	29.6	157	40.3	6	4.7	5.5	126.3	10	100	32.6	136.7	3	105	31.1	9
Excel	139.9	4	104	28.6	156.3	38.3	2	4.3	2.5	136.6	3	108	33.1	138.2	2	106	30.9	11
Hayden	129.8	11	97	31.4	159.3	37.7	1.3	3	2.5	137.1	1	108	34	133.5	7	102	32.7	6
Horsepower	135.7	7	101	32.2	155.3	37.3	4.7	5.3	5	128.6	6	101	34.4	132.2	8	101	33.3	3
Natty	118	13	88	30.3	157	43.3	1.3	2.7	4	98.9	14	78	32.9	108.5	14	83	31	10
Ogle	127.7	12	95	28.5	156.7	39	1	4	5	131.3	5	103	32.3	129.5	11	99	30.4	13
Reins	147.8	2	110	32.1	153.7	33.3	1	5.3	3.5	135.1	4	106	34.4	141.5	1	108	33.2	4
Saber	147.9	1	110	28.7	155	37.7	3.7	5.7	4	121	12	95	32.9	134.5	5	103	30.8	12
Shelby 427	137.6	6	103	34.2	151	41	3.7	3.3	5.5	126.3	11	100	35.8	131.9	9	101	35	1
Spurs	134.8	8	101	29.6	155	38.7	2.3	5.7	5	127.5	8	100	33.3	131.2	10	100	31.5	8
EXPT. MEAN	134.1			30.4	155.7	38.6	3.1	4.5	4.5	126.9			33.8	130.5			32.1	
LSD (0.10)	18.4			2.3	1.2	2.9	2.4	1.8	1.8	26			1.8	15.5			2.4	
LSD (0.05)	22.1			2.8	1.5	3.5	2.9	2.2	2.2	31.3			2.2	18.5			2.8	
CV (%)	11.66			8.4	1.4	7.6	69.5	32.8	30.9	14.4			4.3	13.3			8.4	
No. of Reps.														6			6	

Data courtesy of Frederic Kolb
 *Locations : Urbana and Monmouth, IL

Lodging Scale: 0 = Standing, 9 = Severely Lodged
 Stem Rust Scale: 0 = Resistant, 9 = Susceptible
 Barley Yellow Dwarf Virus Scale: 0 = Resistant, 9 = Susceptible

