

2017 Organic Oat Performance Trial

Research Site: OARDC, Fry Farm, Wooster, OH

Planting: 4/24 Seeding Rate: 100 lb per acre RH1

Harvest: 8/1 Experimental Design: RCBD with 4 replicate blocks

Plot Dimensions: 10ft x 50ft

Variety	Lodging (%)	Heading Date	Plant Height (in)	Mean Yield* (bu/a)	St. Dev. of Yield (bu/a)
Horsepower	0.00	6/20/17	36.00	116.16a	4.16
Deon	0.00	6/22/17	44.50	114.45ab	2.25
Goliath	5.00	6/23/17	48.75	106.59abc	2.53
Reins	12.5	6/20/17	36.25	106.18abc	15.75
Morton	1.25	6/22/17	47.25	101.74bcd	2.96
Betogene	7.50	6/23/17	40.00	100.72cd	9.41
Jim	5.00	6/19/17	39.25	98.11cd	8.41
Shelby 247	31.25	6/19/17	42.50	97.19cde	3.17
Armor	0.00	6/21/17	39.75	94.14cde	8.09
GR 65	3.75	6/20/17	43.00	91.41de	7.64
IN09201	1.25	6/18/17	38.25	88.73de	8.78
Noble	2.50	6/20/17	38.75	84.27ef	13.21
Jerry	85.00	6/18/17	41.25	74.65f	3.41

*Variety yields followed by the same letter are not significantly different at a P level of 0.05.



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2017 OARDC Organic Oat Variety Trial

Variety	% Moist	Test Wt	Yield Bu/A
1 Jim	11.03	35.19	98.11
2 IN09201	10.63	34.85	88.73
3 Goliath	11.00	35.56	106.63
4 Morton	10.65	34.15	101.74
5 Horsepower	10.17	36.24	116.16
6 Jerry	11.92	35.96	74.65
7 Deon	10.74	34.41	114.45
8 Betagene	10.56	31.37	100.72
9 Reins	11.73	35.04	106.18
10 Shelby 247	11.45	35.77	97.19
11 Noble	11.19	34.55	84.27
12 Armor	10.96	32.75	94.14
13 GR 65	11.70	34.76	91.41

Rank		% Moist	Test Wt	Yield Bu/A
1	Horsepower	10.17	36.24	116.16
2	Deon	10.74	34.41	114.45
3	Goliath	11.00	35.56	106.63
4	Reins	11.73	35.04	106.18
5	Morton	10.65	34.15	101.74
6	Betagene	10.56	31.37	100.72
7	Jim	11.03	35.19	98.11
8	Shelby 247	11.45	35.77	97.19
9	Armor	10.96	32.75	94.14
10	GR 65	11.70	34.76	91.41
11	IN09201	10.63	34.85	88.73
12	Noble	11.19	34.55	84.27
13	Jerry	11.92	35.96	74.65