

Irrigated Oat Variety Trial**WREC-Nesson Valley 2015**

Variety	Height	Test	Yield
	inch	Weight lb/bu	bu/a
Goliath	45	43.5	199.9
AC Pinnacle	41	41.6	198.7
Souris	40	42.2	188.4
Jury	43	42.9	182.6
Horsepower	34	42.5	181.9
Leggett	44	42.5	180.6
HiFi	43	42.0	175.3
Newberg (ND030365)	47	42.2	174.3
Rockford	44	42.4	161.4
Minstrel CDC	35	39.3	154.0
Mean	41.5	42.11	179.71
C.V.%	7.0	0.9	7.5
LSD 5%	6.1	0.82	28.14
LSD 10%	5.0	0.68	23.25

Location: Latitude 48 9.9222'N; Longitude 103 6.132'W; Elevation 1902 ft

Planted: 4/15/2015

Harvested: 8/4/2015

Plot size: 61.25 ft²

Previous crop: Potato

Applied fertilizer in lbs/a broadcast: 392 lbs of 46-0-0 (4/10/2015)

Soil test to 6": 19 ppm P : 245 ppm K OM-2.3 pH-7.8

Soil test to 2' in lb/a: 49 lbs N

Soil type: Lihen Loamy Fine Sand

Yield goal: 175 bu/a

Planting population: 1 million seeds/a

Herbicides applied: Supremacy 5 oz/acre (6/4/2015)

Fungicides applied: Tilt 2 oz/a (6/4/2015)

Rainfall: 5.6 inches (4/16 - 8/3)

Irrigation: 7.7 inches (4/23 -8/3)

Protein¹ = Reported on a 0% moisture basis