

Oat Varieties

Cass County (Fargo)

Variety	Test Weight					Grain Yield			Ave Yield	
	2014	2015	2016	2	3	2014	2015	2016	2	3
	lb/bu			year	year	bu/a			year	year
AC Pinnacle	36.6	35.6	36.1	35.8	36.1	183.7	190.5	132.8	161.7	169.0
Beach	41.9	39.0	40.3	39.7	40.4	176.4	166.0	122.6	144.3	155.0
Beta-Gene	41.8	36.0	39.4	37.7	39.1	171.5	200.5	134.6	167.6	168.9
CDC Dancer	40.1	38.9	39.4	39.1	39.5	160.5	160.1	135.6	147.9	152.1
CDC Minstrel	35.5	35.9	37.6	36.7	36.3	166.3	202.2	135.0	168.6	167.8
Deon (MN)	39.2	39.7	40.1	39.9	39.7	175.8	186.1	148.1	167.1	170.0
Furlong	37.1	38.3	36.9	37.6	37.4	157.6	158.8	130.9	144.9	149.1
GM423	--	35.3	35.7	35.5	--	--	145.5	140.1	142.8	--
Goliath	41.6	39.4	41.4	40.4	40.8	177.3	164.0	136.6	150.3	159.3
Hayden	--	40.0	39.8	39.9	--	--	189.7	144.1	166.9	--
HiFi	42.4	37.4	38.8	38.1	39.5	154.1	151.8	125.1	138.4	143.6
Horsepower	42.8	37.8	41.5	39.7	40.7	154.0	152.0	131.5	141.8	145.8
Hyttest	45.4	41.4	41.1	41.2	42.6	126.4	168.1	121.6	144.9	138.7
Jury	42.8	39.4	41.4	40.4	41.2	175.7	185.0	134.0	159.5	164.9
Killdeer	37.7	36.5	37.0	36.8	37.1	182.5	184.2	129.9	157.1	165.6
Leggett	40.8	37.0	38.5	37.8	38.8	183.6	183.1	140.1	161.6	168.9
Newburg	36.0	36.1	40.4	38.2	37.5	160.7	172.5	137.4	155.0	156.9
Otana	35.5	35.3	38.4	36.9	36.4	104.8	144.6	117.9	131.3	122.4
Paul	47.3	45.0	42.4	43.7	44.9	119.1	107.7	79.7	93.7	102.2
Rockford	39.4	37.7	41.0	39.4	39.4	146.7	140.9	139.8	140.3	142.5
Souris	41.5	36.5	40.2	38.3	39.4	123.4	169.3	130.9	150.1	141.2
Stallion	42.7	37.8	41.5	39.7	40.7	168.0	171.8	132.3	152.1	157.4
HIGH MEAN	48.6	45.0	45.1			196	205.0	154.5		
LOW MEAN	34.9	35.0	29.0			51	107.7	79.7		
EXP MEAN	39.6	38.4	39.6			155	173.9	132.3		
C.V. %	2.3	2.7	5.7			10.3	10.8	6.4		
LSD 5%	1.5	1.7	3.7			25.8	30.2	13.6		
LSD 1%	2.0	2.2	4.8			34.0	39.9	17.9		
F VALUE	12.9	8.3	2.8			4.8	2.4	5.1		