

NDSU Carrington Research Extension Center
2015 Organic Oat Seed Source Trial

Oat - Organic Seed Source Trial							Carrington
Seed Source ¹ (Jerry)	Stand sq ft	Panicle Count sq ft	Days to Heading	Plant Lodge 0-9	Plant Height inch	Test Weight lb/bu	Grain Yield bu/ac
Aaron	25.5	25.3	68.0	0.3	41.8	38.2	103.8
Albert Lea	28.1	30.0	63.8	0.5	38.2	38.1	94.0
CREC09	25.3	26.6	66.5	0.0	38.7	38.6	107.2
CREC10	27.7	28.2	66.3	0.3	39.7	39.0	110.4
Charlie	31.1	32.1	64.0	0.0	37.8	38.4	98.1
Mike	24.4	35.8	67.0	0.0	38.3	36.3	124.3
Ray	25.2	32.3	68.0	0.5	39.4	38.1	98.6
Mean	26.7	30.1	66.2	0.2	39.1	38.1	105.2
C.V. (%)	8.5	15.4	0.7	201	4.2	0.7	6.1
LSD 0.05	3.4	6.9	0.7	NS	2.5	0.4	9.6

Planting Date = April 22; Harvest Date = July 30; Previous Crop = field pea sown to rye cover crop after field pea harvest

Trial received hail damage on July 4 along with shatter loss from strong winds on July 28-29

¹ Variety used is Jerry, all sources certified organic sown at 1.6 m PLS/ac.

Seed source and location: Aaron and Ray, farmers near Tappen, ND; Albert Lea Seed House, Albert Lea, MN; CREC09 and CREC10, CREC Foundation Seedstocks program; Charlie, farmer near Madison, SD; Mike, breeder seed