

Irrigated Durum Variety Trial	WREC - Nesson Valley 2015									
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Variety	Plant	Protein ¹				Test	Yield			
	Height	2013	2014	2015	3yr avg	Weight	2013	2014	2015	3yr avg
	inch	-----%				lb/bu	-----bu/a-----			
Joppa	42	13.5	14.3	17.5	15.1	61.1	117.0	89.0	91.9	99.3
Mountrail	37	14.3	14.4	16.9	15.2	60.7	103.8	92.2	86.8	94.3
Carpio	40	13.8	14.9	17.8	15.5	61.2	106.5	90.2	84.4	93.7
Grenora	35	14.0	14.1	17.8	15.3	60.9	95.0	94.8	84.0	91.3
Tioga	40	13.2	13.7	17.5	14.8	61.0	90.2	92.8	89.5	90.8
CDC Verona	39	15.4	15.5	18.7	16.5	60.1	87.4	90.5	89.2	89.0
Pierce	38	13.8	14.6	17.1	15.2	62.1	79.5	96.0	83.9	86.5
Alkabo	37	13.8	14.7	17.0	15.2	62.3	83.8	90.1	83.5	85.8
DG Max	40	13.9	15.3	17.5	15.6	61.1	79.1	90.4	85.4	85.0
Ben	39	14.6	14.7	18.3	15.9	61.2	87.3	87.8	77.7	84.3
AC Navigator	34	14.0	14.6	17.2	15.3	60.8	87.3	79.5	84.0	83.6
VT Peak	37	14.7	14.7	18.4	15.9	62.0	89.6	84.1	77.0	83.6
AC Commander	31	13.9	14.7	17.5	15.4	59.6	83.9	85.8	80.4	83.4
Divide	39	13.8	14.9	17.4	15.4	61.4	80.1	80.2	87.7	82.7
Maier	37	14.1	15.6	18.8	16.2	61.3	85.1	78.9	81.2	81.7
Lebsock	37	13.9	14.8	17.6	15.4	61.4	79.5	85.0	79.7	81.4
Rugby	41	14.8	15.6	18.0	16.1	61.5	85.4	79.7	77.4	80.8
Strongfield	37	15.7	15.5	18.5	16.6	60.3	64.8	91.5	83.3	79.9
Silver	32	13.8	14.8	18.3	15.6	59.3	77.8	80.0	71.0	76.3
Alzada	32	13.9	15.3	18.1	15.8	59.3	70.9	76.5	77.7	75.0
Normanno	28	13.8	15.6	17.9	15.8	57.6	66.1	74.0	66.9	69.0
Mean	36.6	14.13	14.87	17.80	15.60	60.77	85.72	86.14	82.03	84.63
C.V.%	4.7	2.8	4.2	4.3	-	0.8	16.2	8.1	11.5	-
LSD 5%	0.8	-	-	0.38	-	0.25	-	-	18.89	-
LSD 10%	1.0	0.70	0.70	0.45	-	0.30	16.30	8.20	15.77	-

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)

Applied fertilizer with seed in lbs/a: none

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: 90 bu/a

Planting population: 1.5 million seeds/acre

Row spacing: 7.5 inch

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

Fungicides applied: Tilt 2 oz/a (6/4/2015), Prosaro 8.2 oz/a (6/30/2015)

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

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

Protein¹ = reported on a 12% moisture basis