

Irrigated Field Pea Variety Trial	WREC - Nesson Valley 2015
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Variety	Canopy	Protein ²				Test	Yield			
	Height ¹ inch	2013	2014	2015	3yr avg	Weight lb/bu	2013	2014 ³	2015	3yr avg
		-----%-----					-----bu/a-----			
Yellow Cotyledon										
CDC Meadow	21	24.0	28.6	23.9	25.5	65.8	60.1	46.0	77.3	61.1
DS Admiral	24	25.3	27.1	25.3	25.9	65.7	54.6	45.6	75.8	58.6
Agassiz	20	24.8	28.9	25.4	26.4	64.8	53.5	44.0	73.5	57.0
Nette	20	-	-	24.6	-	65.9	-	-	71.5	-
Green Cotyledon										
CDC Striker	20	26.8	31.0	23.2	27.0	65.7	52.2	48.5	83.7	61.5
Majoret	20	25.8	29.5	25.9	27.1	64.9	48.4	42.1	77.5	56.0
Cruiser	20	24.8	28.6	23.3	25.6	64.9	57.3	40.5	64.8	54.2
Aragorn	16	-	-	25.0	-	63.8	-	-	67.9	-
Ginny	19	-	-	23.9	-	65.1	-	-	67.5	-
Mean	20.0	23.40	28.95	24.50	25.62	65.16	70.20	44.43	73.28	62.64
C.V.%	12.3	1.5	2.1	4.2	-	0.5	19.5	19.3	11.1	-
LSD 5%	3.6	-	-	1.34	-	1.49	-	-	11.86	-
LSD 10%	3.0	0.70	0.93	1.10	-	1.23	NS	NS	9.80	-

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

Planted: 4/22/2015

Harvested: 7/27/2015

Plot size: 61.25 ft²

Previous crop: barley

Applied fertilizer in lbs/a broadcast: none

Soil test to 6": 28 ppm P : 236 ppm K OM-2.1 pH-7.7

Soil test to 2' in lb/a: 35 lbs of N

Soil type: Lihen Loamy Fine Sand

Yield goal: 50 bu/a

Planting population: 400,000 seeds/a

Row spacing: 7.5 inch

Herbicides applied: Spartan Charge 2 oz/a (4/28/2015), Section 2EC 6 oz/a and Destiny 1% v/v (6/4/2015)

Rainfall: 5.6 in (4/22 - 7/27)

Irrigation: 7.5 in (4/22 - 7/27)

Canopy height¹ = Height of the Canopy as is at harvest

Protein² = Protein content adjusted to a 0% moisture

2014³ = yields had chemical damage

