

Irrigated Navy Bean Variety Trial				WREC-Nesson Valley 2015		
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Variety	Days to Mature	Canopy Height ²	TW lb/bu	250 Kwt	Seeds / Pound	Yield ³ lb/a
	DAP ¹	inch		gram	lb	
T9905	99	14	65.6	51.8	2191	3302
HMS Medalist	102	16	64.7	48.5	2340	2851
Avalanche	95	16	65.1	45.6	2490	2821
Vista	100	16	64.9	46.5	2445	2783
Ensign	102	13	64.8	50.8	2235	2744
Mean	99.4	15.1	65.02	48.64	2340.0	2900.3
C.V.%	3.0	12.6	0.8	2.6	2.7	20.4
LSD 5%	1.4	0.9	0.25	0.58	28.6	266.9
LSD 10%	1.7	1.1	0.30	0.71	35.0	327.1

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

Planted: 6/8/2015

Harvested: 10/16/2015

Plot size: 52.5 ft²

Previous crop: barley

Applied fertilizer in lbs/a broadcast: 215 lbs of 46-0-0 (6/4/2015)

Soil test to 6": 16 ppm P : 220 ppm K OM-2.0 pH-8.0

Soil test to 2' in lb/a: 41 lbs N

Soil type: Lihen Loamy Fine Sand

Yield goal: 2500 lbs/a

Planting population: 125,000 seeds/a

Herbicides applied: Section 2EC 6oz/a + Destiny 1% v/v (6/26/2015),

Raptor 4oz/a + Trophy Gold 2pt/a + 28% 2pt/a (6/26/2015)

Rainfall: 7.3 in (6/8 - 10/1)

Irrigation: 7.5 in (4/21 - 7/27)

DAP¹ = Days After Planting

Canopy Height² = Height taken as is at harvest

Yield³ = Dry beans direct harvested