

Irrigated Misc Bean Variety Trial				WREC-Nesson Valley 2015			
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Variety	Market Class	Days to	Canopy	TW	250	Seeds /	Yield <sup>3</sup>
		Mature	Height <sup>2</sup>		Kwt	Pound	
		DAP <sup>1</sup>	inch	lb/bu	gram	lb	lb/a
Rosie	Kidney Bean	104	17	61.8	111.6	1016	3364
Rio Rojo	Small Red	92	19	63.6	67.3	1691	3323
Loreto	Black	97	17	65.0	48.3	2348	3172
Merlot	Small Red	96	20	62.0	84.9	1337	3051
Eclipse	Black	93	19	63.6	44.8	2533	2803
Zorro	Black	95	21	65.0	47.9	2368	2781
Montcalm	Kidney Bean	104	16	59.2	126.4	897	2342
Pink Panther	Kidney Bean	97	15	58.0	140.4	808	2312
Talon	Kidney Bean	103	14	59.8	120.1	945	2309
Mean		97.7	17.7	62.00	87.97	1549.2	2828.6
C.V.%		2.2	10.3	0.6	2.8	3.5	18.4
LSD 5%		3.1	2.7	0.58	3.63	78.4	652.4
LSD 10%		2.6	2.2	0.48	3.01	65.0	540.9

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 ft<sup>2</sup>

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)

DAP<sup>1</sup> = Days After Planting

Canopy Height<sup>2</sup> = Height taken as is at harvest

Yield<sup>3</sup> = Dry beans direct harvested