

Soybean Roundup Ready Irrigated Variety Trial

WREC - Nesson Valley 2014

Variety	Company	Maturity Group ¹	Flower Date DAP ²	Protein ³	Oil ⁴	Yield
				% 2014	% 2014	bu/a 2014
S00-A7	Syngenta/NK	00.7	30	34.8	13.4	51.1
S02-B4	Syngenta/NK	0.2	29	33.8	13.5	49.8
LS00834 RR2	Legacy Seeds	00.8	30	35.8	13.4	49.6
14R008	Peterson Farms Seed	00.8	29	35.1	13.5	49.5
S02RY74	Dyna-Gro Seed	0.2	30	36.1	13.5	49.1
20215	Integra	0.1	30	35.9	13.2	49.1
55G14	REA Hybrids	00.5	30	34.6	14.0	45.9
61G24	REA Hybrids	0.1	30	36.5	13.8	45.0
7063	NuTech/G2 Genetics	0.6	30	33.2	13.4	44.8
LS00734 NRR2	Legacy Seeds	00.7	29	34.0	13.3	43.6
LS0214 RR2	Legacy Seeds	0.2	29	36.4	13.5	43.1
20090	Integra	00.9	29	32.1	13.6	43.1
S04-D3	Syngenta/NK	0.4	30	34.4	13.3	42.9
6021	NuTech/G2 Genetics	0.2	30	36.4	13.2	42.7
6007	NuTech/G2 Genetics	00.7	30	35.4	13.9	41.0
LS0134 RR2	Legacy Seeds	0.1	30	36.6	14.1	40.8
15R04	Peterson Farms Seed	0.4	30	36.1	13.6	40.6
58G82	REA Hybrids	00.8	30	33.3	13.8	40.6
6000	NuTech/G2 Genetics	0.0	31	34.3	13.2	38.7
20109	Integra	0.1	30	35.0	13.5	38.5
20300	Integra	0.3	30	36.1	14.0	38.5
14R02	Peterson Farms Seed	0.2	30	35.7	14.0	38.4
62G22	REA Hybrids	0.2	28	33.7	13.8	38.1
LS0334 RR2	Legacy Seeds	0.3	29	36.3	13.7	35.5
6036	NuTech/G2 Genetics	0.3	30	35.3	13.8	34.3
S06RY24	Dyna-Gro Seed	0.6	30	36.4	13.4	28.8
Mean			29.7	34.9	13.5	43.1
C.V.%			2.9	1.9	4.4	8.2
LSD 10%			1.2	0.9	0.8	4.9

Location of the WREC Nesson Site: Latitude 48 9.9222'N; Longitude 103 6.132'W; Elevation 1902 ft

Planted: 5/22/2014**Harvested:** 10/7/2014

Applied Fertilizer in lbs/a broadcast: none

Harvested area: 61.25 ft²

Applied fertilizer with seed in lbs/a: none

Previous crop: barley

Soil test to 6": 28 ppm P : 325 ppm K OM-3.3 pH-7.6

Soil test to 2' in lb/a: 74N

Soil Type: Lihen Loamy Fine Sand

Yield Goal = 50 bu

Planting Population = 200,000 seeds/a

Herbicides Applied: Round Up Power Max 32 oz/a (7/3)

Fungicides Applied: Endura 8 oz/a (7/17), Endura 8 oz/a (8/5)

Rainfall: 12.76 (5/22 - 10/7)

Irrigation: 4.6 inches (7/14 - 8/15)

Hail damage occurred on 9/3 damaging crops and preventing height measurements

Hard freeze occurred on 9/12 for two hours at 29⁰F and on 9/15 for one hour at 32⁰F

Maturity Group¹ = provided by company

DAP² = Days after planting

Protein³ = Protein content adjusted to a 13% moisture

Oil⁴ = Oil content adjusted to a 13% moisture