

Table. 2014 Soybean - Roundup Ready - Steele County, and average across Steele, Polk, and Red Lake/Pennington counties.**Authors, A. Harstad, G. Mehring, C. Deplazes and H. Kandel. (1 of 2)**

Company/ Brand	Variety	Maturity Group	IDC	Seed Ptoein	Seed Oil	Test Weight	Steele County	Seed Yield		
								Polk County	Red Lake/ Pennington	Avg. 3 location
		Early	(1-5)	(%)	(%)	(lb/bu)	------(bu/a)-----			
Hefty Seed Co	H 007R4	00.7	1.9	31.9	18.1	53.8	28.3	52.9	44.1	41.8
Hefty Seed Co	H 008R3	00.8	1.6	30.4	19.0	56.3	30.0	49.8	45.0	41.6
Hyland Seeds	HS 006RYS24	00.6	--	31.5	18.6	58.3	31.3	44.8	46.6	40.9
Northstar Genetics	NS 0080R2	00.6	1.5	31.0	18.7	56.6	31.0	49.6	44.2	41.6
Nuseed	0074 RR2YN	00.7	1.9	31.1	18.3	55.2	26.8	47.0	40.2	38.0
Proseed	30-07	00.7	1.8	31.9	17.9	55.6	27.2	49.9	42.0	39.7
REA Hybrids	58G82	00.8	1.5	32.5	18.1	56.5	26.0	57.5	47.4	43.6
Syngenta	NK S007-Y4	00.7	1.9	30.5	18.9	55.2	30.0	43.1	39.8	37.6
Thunder Seed, Inc	34006 R2Y	00.6	1.9	31.9	17.8	57.1	29.5	52.3	42.4	41.4
Thunder Seed, Inc	35007 R2YN	00.7	1.9	32.2	18.4	54.2	27.4	46.8	47.3	40.5
Thunder Seed, Inc	Astro R2Y	00.8	1.6	30.6	18.4	52.8	37.4	53.4	53.9	48.3
Mean			1.8	31.4	18.4	55.6	29.5	Mean 49.7	44.8	41.4
CV %				1.4	1.7	3.6	10.8	CV % 5.4	9.3	15.3
LSD 0.10			0.34	1.1	NS	NS	NS	LSD 0.20 5.0	6.7	3.5

Company/ Brand	Variety	Maturity Group	IDC	Seed Ptoein	Seed Oil	Test Weight	Steele County	Seed Yield		
								Polk County	Red Lake/ Pennington	Avg. 3 location
		Mid	(1-5)	(%)	(%)	(lb/bu)	------(bu/a)-----			
Dahlman Seed	52009RR2Y	00.9	--	31.3	18.7	56.5	30.5	46.7	30.1	35.8
Dahlman Seed	5203RR2Y	0.3	--	31.9	17.2	56.5	35.0	59.8	46.2	47.0
Dyna-Gro Seed	34RY03	0.3	1.3	31.2	17.9	56.5	37.9	48.9	51.0	46.0
Hefty Seed Co	H 01R4	0.1	1.9	32.4	17.3	50.8	32.5	51.3	47.4	43.7
Hefty Seed Co	H 02R3	0.2	2.1	31.2	18.2	56.9	36.3	61.0	49.2	48.8
Hyland Seeds	HS 01RY02	0.1	1.5	31.8	17.9	53.7	31.7	57.9	43.9	44.5
Integra	20126	0.1	1.8	32.8	16.8	55.5	30.9	56.9	40.9	42.9
Integra	20215	0.2	2.2	31.5	17.5	56.6	29.9	56.8	46.4	44.3
Legacy Seeds, Inc.	LS 0134 RR2	0.1	2.3	31.7	17.3	57.4	40.4	57.3	50.9	49.5
Legacy Seeds, Inc.	LS 0214 RR2	0.2	2.0	32.1	16.9	54.9	36.1	54.6	48.0	46.2
Legacy Seeds, Inc.	LS 0334 RR2	0.3	1.9	31.6	17.0	56.8	44.9	66.3	51.9	54.4
Mycogen	5B033R2	0.3	1.6	31.2	17.4	54.5	35.1	55.0	51.9	47.3
Northstar Genetics	NS 0096R2	00.9	1.6	32.8	16.8	56.7	33.3	50.4	41.9	41.8
Northstar Genetics	NS 0318R2	0.3	2.0	31.9	17.3	55.7	35.1	58.6	41.1	44.9
Northstar Genetics	NS 0480NR2	0.2	1.9	31.9	17.2	54.3	37.9	57.2	51.7	48.9
Nuseed	2034 RR2YN	0.3	--	32.4	16.9	53.1	38.4	56.9	45.8	47.0
NuTech	G2 6000	0.0	1.8	31.6	16.9	56.1	33.6	54.4	46.2	44.7
NuTech	G2 6021	0.2	1.8	32.3	16.9	55.6	33.0	53.8	49.5	45.4
NuTech	G2 6036	0.3	1.9	30.6	17.9	56.7	33.9	58.2	46.6	46.3
Partners Brand	PB00941R2	00.9	--	31.5	17.5	56.2	27.4	52.6	40.8	40.3
Partners Brand	PB0251R2	0.2	--	32.8	16.9	54.0	32.7	58.9	49.1	46.9
Partners Brand	PB0351R2	0.3	--	31.7	17.1	55.0	33.1	63.6	43.6	46.8
Prairie Brand Seeds	PB-0131R2	0.2	--	31.5	17.2	54.7	31.0	60.0	52.7	47.9
Producers Hybrids	0301R2	0.3	--	32.1	16.6	56.6	42.9	58.5	50.6	50.4
Proseed	30-20	0.2	1.9	32.1	16.8	56.3	36.3	57.1	48.8	47.4
Proseed	P2 20-30	0.3	1.8	32.7	16.6	53.0	36.2	62.4	50.3	49.6
Renk Seeds	RS033R2	0.3	2.2	30.7	17.7	57.3	36.2	59.5	48.7	48.1
Stine Seed	03RD66	0.3	1.7	32.4	16.9	56.4	36.6	59.6	42.1	46.1
Syngenta	NK S009-J1	00.9	1.6	32.4	16.9	54.3	36.0	51.2	50.3	45.8
Thunder Seed, Inc	3503 R2Y	0.3	1.5	32.2	17.0	56.4	37.8	61.0	57.5	52.1
Wensman Seed	W 30099R2	00.9	1.7	33.4	16.5	57.1	34.6	58.7	44.0	45.8
Wensman Seed	W 3024R2	0.2	2.2	32.0	16.8	56.4	31.6	58.1	49.4	46.4
Wensman Seed	W 3030R2	0.2	1.4	32.6	16.8	57.1	33.6	48.9	38.4	40.3
Mean			1.8	31.9	17.2	55.6	34.9	Mean 56.7	46.9	46.2
CV %				1.6	1.8	3.0	8.7	CV % 4.7	4.9	14.3
LSD 0.10			0.34	1.2	0.7	NS	5.9	LSD 0.20 4.6	3.7	3.5

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Company/ Brand	Variety	Maturity Group	IDC (1-5)	Seed Ptoein (%)	Seed Oil (%)	Test Weight (lb/bu)	Steele County	Seed Yield			
								Polk County	Red Lake/ Pennington	Avg. 3 location	
Channel	0507R2	0.5	--	31.4	18.2	55.8	36.6	39.4	58.0	44.6	
Channel	0508R2	0.5	1.8	30.9	18.3	55.5	37.0	47.3	51.7	45.3	
Dairyland Seed	DSR-0514/R2Y	0.5	2.0	31.4	18.2	55.8	36.1	63.1	52.3	50.5	
Dairyland Seed	DSR-0711/R2Y	0.7	2.1	31.6	18.1	56.2	39.5	51.6	56.7	49.3	
Dyna-Gro Seed	S04RY55	0.4	2.2	30.8	18.5	56.0	39.9	47.7	60.8	49.5	
Dyna-Gro Seed	S06RY24	0.6	1.7	31.3	18.3	57.6	40.4	57.3	54.4	50.7	
Dyna-Gro Seed	S07RY45	0.7	1.9	31.3	18.0	55.0	41.9	62.3	55.3	53.2	
Hyland Seeds	HS 05RYS25	0.5	2.2	31.2	18.0	56.3	39.1	54.1	59.5	50.9	
Hyland Seeds	HS 06RY26	0.6	1.8	31.4	18.1	56.1	46.6	57.4	49.4	51.1	
Integra	20456	0.4	2.1	31.0	17.8	56.3	38.1	53.6	52.8	48.2	
Legacy Seeds, Inc.	LS 0634 NRR2	0.6	2.1	31.6	18.0	58.7	41.0	55.1	49.7	48.6	
Mycogen	5B040R2	0.4	2.1	32.3	17.5	56.0	44.7	58.8	52.1	51.9	
Mycogen	X54070NR2	0.7	2.2	31.2	18.1	55.7	43.1	54.5	60.8	52.8	
Nuseed	2051 RR2Y	0.5	1.8	31.7	17.5	55.9	47.5	57.0	54.5	53.3	
NuTech	G2 7063	0.6	1.8	31.1	17.7	54.9	31.9	55.8	50.1	45.9	
Peterson Farms	14R06N	0.6	1.7	31.8	17.8	55.6	40.5	53.9	52.5	49.0	
Peterson Farms	15R04	0.4	2.0	30.2	18.9	56.1	36.7	53.9	49.6	46.7	
Peterson Farms	15R05N	0.5	2.0	31.2	17.8	56.6	33.5	51.5	48.2	44.4	
Peterson Farms	15R07N	0.7	1.8	31.0	18.5	55.2	41.1	36.1	56.3	44.5	
Prairie Brand	PB-0291R2	0.4	2.0	32.3	17.7	55.4	36.5	48.2	57.8	47.5	
Prairie Brand	PB-0441R2	0.5	2.0	31.3	18.1	56.1	42.6	55.2	47.7	48.5	
Prairie Brand	PB-0598R2	0.5	1.9	31.2	18.3	55.4	42.5	55.8	48.1	48.8	
Producers Hybrids	0602NR2	0.6	--	31.2	17.3	56.0	38.3	54.5	59.3	50.7	
Proseed	P2 11-50	0.5	1.8	31.4	17.7	56.3	46.8	61.1	52.2	53.4	
REA Hybrids	64G94	0.4	1.8	31.8	17.3	57.8	46.6	50.4	58.1	51.7	
REA Hybrids	65G22	0.5	1.8	30.5	18.4	55.3	39.3	51.1	54.9	48.4	
Stine Seed	04RF36	0.4	--	30.6	18.1	56.0	38.5	46.9	51.3	45.5	
Stine Seed	06RE02	0.6	2.1	31.1	18.4	55.8	33.7	50.8	52.0	45.5	
Mean			1.9	31.3	18.0	56.0	40.0	Mean	53.0	53.8	48.9
CV %				1.5	2.3	1.5	8.0	CV %	11.6	5.3	10.7
LSD 0.10			0.34	NS	NS	NS	7.5	LSD 0.20	10.2	5.2	NS