

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Dryland McKenzie Soybean Roundup Ready VT - NDSU

WREC, Mckenzie County, ND 2017

Variety (Trait)	Company/Brand	Maturity Group ¹	Oil ²		Protein ³		Test Weight	Yield	
			2017	2-Yr Avg	2017	2-Yr Avg		2017	2-Yr Avg
			----%----		----%----		lb/bu	(bu/a)	(bu/a)
6008R2 (RR2Y)	NuTech	00.8	18.3	17.4	29.7	29.2	54.9	25.4	24.4
20097 (RR2Y)	Integra	00.9	17.9	17.2	32.4	30.8	54.9	25.4	26.0
RX0516 (RR2X)	REA Hybrids	0.5	17.0	-	32.8	-	55.7	28.4	-
6048 (GT)	NuTech	0.4	17.0	-	33.8	-	55.8	28.0	-
20126 (RR2Y)	Integra	0.1	17.8	-	32.5	-	53.1	26.3	-
ND17009GT (GT)	NDSU	00.9	17.8	-	31.5	-	58.3	26.2	-
RX0628 (RR2X)	REA Hybrids	0.6	17.6	-	31.3	-	54.8	23.6	-
RX0327 (RR2X)	REA Hybrids	0.3	17.3	-	33.0	-	54.3	23.5	-
6502 (GT)	NuTech	00.5	17.4	-	31.1	-	54.8	22.4	-
Mean			17.57	-	32.02	-	55.19	25.46	-
CV (%)			3.9	-	6.3	-	1.0	12.9	-
LSD (5%)			NS	-	NS	-	0.95	NS	-
LSD (10%)			NS	-	NS	-	0.79	NS	-

Location: Arnegard, ND, Latitude 47° 48'; Longitude 103° 25'W

Planting Date: 5/12/2017

Harvest Date: 10/10/2017

Previous crop: Durum

Soil type: Dooley-Zahl Complex

Soil test (0-6"): P=7 ppm; K=216 ppm; pH=7.7; OM=2.6%

(0-24"): NO3-N=20 lb/a

Applied fertilizer in lb/a: 4.95 N : 18 P : 0 K; seed inoculated with a peat based inoculum at planting

Chemical Applications: Preplant: 3 oz./a Spartan Charge with 12 oz./a RT3 (Glyphosate) (5/11/2017)

Maturity Group¹ = provided by the company

Oil² = Oils are reported on a oven dried basis, 120°F for 4 hours

Protein³ = Protein content adjusted to 13% moisture