

SOYBEAN PLOT HARVEST DATA ENTRY FORM



Nachurs Southern Region



Distributor	Agrology Crops & Soils				Phone					
Cooperator	Brad Spinler				Phone					
Address	Morristown, MN 55052									
Planted:	5/12/2015			Prior Yr Herb:				Soil pH:		
Harvested:	10/10/2015			Pre-E Herb:				Organic Matter:		
Tillage:			RIDGE		Post-E Herb:				Irrigated:	No
Previous Crop:	CORN				Soil Type:		Variety:		Population:	

Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield bu/ac @ 13%	Other Comments
1 Ck S = Rhyzo-Link 3-10-13 @ 2 gal	12	30	1152	0.793	2782	11.2		59.7	
2 Ck 3 = No Starter	12	30	1177	0.811	2927	11.1		61.5	
3 Ck 4 = No Starter	12	30	1177	0.811	2757	11.2		57.9	
4 Ck 5 = Rhyzo-Link 3-10-13 @ 2 gal	12	30	1189	0.819	2667	11.1		55.5	
5 Ck 6 = Rhyzo-Link 3-10-13 @ 2 gal	12	30	1191	0.820	2817	11.1		58.5	
6 Ck 7 = No Starter	12	30	1202	0.828	2964	10.8		61.2	
7 Ck 8 = No Starter	12	30	1210	0.833	2891	10.9		59.2	
8 Ck 9 = Rhyzo-Link 3-10-13 @ 2 gal	12	30	1215	0.837	3031	11		61.8	
9 Ck 10 = Rhyzo-Link 3-10-13 @ 2 gal	12	30	1216	0.837	3233	10.9		65.9	
10 Ck 11 = No Starter	12	30	1214	0.836	3136	10.9		64.0	
11 Ck 12 = No Starter	12	30	1222	0.842	2948	10.9		59.8	
12 Ck N = Rhyzo-Link 3-10-13 @ 2 gal	12	30	1223	0.842	3311	10.7		67.2	

avg. 61.0 61.4 RL3 avg.
60.6 Ck avg.

Calculating Yields

Standard Formula for Soybeans:

Bu/Ac at 13% = (100 - % moisture) x (total wt) x 100.138 / (row length)/(row width in inches x number of rows)

Example: 1300 lbs. of soybeans at 11% moisture from 6, 30" rows that are 1200' long

$$(100 - 11) \times 1300 \times 100.138 / 1200 / (6 \times 30) = 53.6 \text{ Bu/Ac at 13\% moisture}$$

Acresage Formula

$$(\# \text{ of rows} \times \text{row width in feet}) \times \text{row length} / 43,560 \text{ sq ft/Ac} = \text{number of acres}$$