

SOYBEAN PLOT HARVEST DATA ENTRY FORM



Nachurs South Region



Distributor	Obion Grain					Phone						
Cooperator	Rhett McIntosh					Phone						
Address	Obion, TN											
Planted:	6/23/2015				Prior Yr Herb:	Roundup, Atrazine, Halex GT				Soil pH:	6.1	
Harvested:	10/9/2015				Pre-E Herb:	Roundup, Verdict, 24-D, Dual II				Organic Matter:	2.0	
Tillage:				NO-TILL	Post-E Herb:					Irrigated:	no	
Previous Crop:	CORN				Soil Type:	Silt loam	Variety:	Credenz 3945	Population:	160,000		

Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield bu/ac @13%	Other Comments
1 Rhyzo-Link EXP3WO @ 2 gal	21	20	1830	1.47	5118	11.6		58.9	
2 Rhyzo-Link EXP3WOK @ 2 gal	21	20	1830	1.47	5110	11.4		59.0	
3 NACHURS EXP4WOK @ 2 gal	21	20	1830	1.47	4946	11.2		57.2	
4 Rhyzo-Link EXP3PBWO @ 2 gal	21	20	1830	1.47	5128	11.0		59.5	
5 NACHURS Triple Option @ 2 gal	21	20	1830	1.47	5100	11.0		59.1	
6 Rhyzo-Link 3-10-13 @ 2 gal	21	20	1830	1.47	5292	10.9		61.4	

Calculating Yields

Standard Formula for Corn:

Bu/Ac at 15.5% = (100 - % moisture) x (total wt) x 110.465 / (row length)/(row width in inches x number of rows)

Example: 5100 lbs. of corn at 19% moisture from 6, 30" rows that are 1200' long

$$(100 - 19) \times 5100 \times 110.465 / 1200 / (6 \times 30) = 211.3 \text{ Bu/Ac at 15.5\% moisture}$$

Acreage Formula

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