

CORN SILAGE HARVEST DATA ENTRY FORM



NACHURS West Region



Distributor:						Phone:			
Cooperator: Fraser Seeds						Phone:			
Address: Lynden, WA									
Planted: 5-3-2015				Plot location: Edaleen Dairy				Soil pH:	
Harvested: 9-4-2015				Fertility Program: Heavily manured				Organic Matter:	
Tillage:		MIN		Post-E Herb:		Irrigated: No			
Previous Crop:		OTHER		Soil Type: Loam		Variety: Greenfield Legacy GT		Population: 33,000	

Entry	%CP	%ADF	%NDF	TDN	Lignin	Starch	NEL	Yield bu/ac @ 65%	MILK LB/TON
1 Rhyzo-Link 3-10-13 @ 3 gal	9	18.1	33.3	77.3	2.5	39.3	0.8	30.20	3,428
2 Preplant granular broadcast @ 150 lbs	6.3	30.6	52.8	68.8	3.4	23.9	0.7	29.40	2,754

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)

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

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

Acreage Formula

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