

SUNFLOWER PLOT HARVEST DATA ENTRY FORM



Nachurs North Region



| | | | | | | | | | | | |
|--------------------|-----------------------|--|--|----------------|--|--------------|-----------------|-----------------|--------|--|--|
| Distributor | Direct Ag, Mandan, ND | | | | | Phone | | | | | |
| Cooperator | Spence Koenig | | | | | Phone | | | | | |
| Address | Mandan, ND | | | | | | | | | | |
| Planted: | 5/28/2015 | | | Prior Yr Herb: | | | | Soil pH: | | | |
| Harvested: | 10/22/2015 | | | Pre-E Herb: | | | | Organic Matter: | | | |
| Tillage: | CONV | | | Post-E Herb: | | | | Irrigated: | No | | |
| Previous Crop: | CORN | | | Soil Type: | | Hybrid: | Pioneer P63HE60 | Population: | 24,000 | | |

| Entry | # of Rows | Row Width (in) | Row Length (ft) | Acres | Total Weight (lbs) | % Moisture | Test Weight | Yield lbs/ac @10% | Other Comments |
|---------------------------|-----------|----------------|-----------------|-------|--------------------|------------|-------------|-------------------|----------------|
| 1 NACHURS Impulse @ 5 gal | 24 | 30 | 1564 | 2.154 | 4660 | 9.1 | 31 | 1,966 | |
| 2 Untreated check | 24 | 30 | 1564 | 2.154 | 4440 | 9.1 | 31 | 1,873 | |

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

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