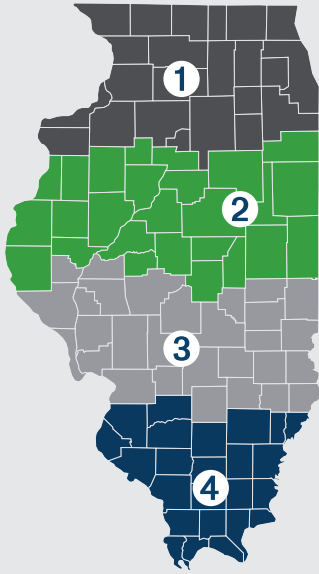


REGION (Check One)

- 1
- 2
- 3
- 4



SIDE-BY-SIDE

HARVEST FORM

This form must be completed on or before November 15.

Complete and submit this form electronically to YieldChallenge@ilsoy.org
(All fields are required)



ISA CHECKOFF PROGRAM

First Name _____ Last Name _____

Farm Name _____

Address _____

City _____ State _____ ZIP _____

County of Field Location _____

Phone _____ Email _____

Promoter Name* _____

Promoter Phone* _____ Promoter Email* _____

**If applicable*

CHECKPLOT

PLANTING INFORMATION

Seed Brand _____

Variety _____

Variety Maturity Group _____

Planting Date _____ Planting Population _____

Row Width (inches) _____

Irrigated YES NO

Previous Crop (2016) _____

Previous Crop (2017) _____

Seed Inoculant YES NO

Product: _____

Seed Fungicide YES NO

Product: _____

Seed Insecticide YES NO

Product: _____

Seed Nematicide YES NO

Product: _____

Other Seed Treatment Product YES NO

Product: _____

CHECKPLOT

WEED CONTROL

Burndown Herbicide Used YES NO

Product(s): _____

Pre-emerge Herbicide Used YES NO

Product(s): _____

Post-emerge Herbicide Used YES NO

Product(s): _____

CHECKPLOT

FERTILITY

Fall Application YES NO

Product(s): _____

Spring Application YES NO

Product(s): _____

Starter or Pop-up YES NO

Product(s): _____

Top Dress or Side Dress YES NO

Product(s): _____

Foliar Application YES NO

Product(s): _____

Manure Applied to Field YES NO

Product(s): _____

CHECKPLOT**FOLIAR INSECT CONTROL**Foliar Insecticide Used YES NO

Product(s): _____

CHECKPLOT**FOLIAR DISEASE CONTROL**Foliar Fungicide Used YES NO

Product(s): _____

CHECKPLOT**TILLAGE PRACTICE**
 Strip-Till or No-Till Fall
 Spring Fall + Spring

 Please describe tillage practice: _____

CHECKPLOT**CALCULATION OF HARVESTED ACRES *(2 acres harvest minimum)***

Harvest Date _____

1) Calculate harvest area: Length _____ x Width _____ ÷ 43,560 (ft²/acre) = _____ acres harvested
Example: 1000' x 105' ÷ 43,560 = 2.410 acres

2) Record lbs. of grain harvested at harvest moisture: _____ *Example: 7,800 lbs*

3) Correct for moisture: $[(100 - \text{ \% harvest moisture}) / (100 - 13\%)] \times \text{ lbs of grain harvested} = \text{ lbs of grain at 13\% moisture}$
Example: 7,800 lbs of grain at 16% moisture
 $[(100 - 16) / (100 - 13)] \times 7,800 \text{ lbs} = 7,531.034 \text{ lbs of grain at 13\% moisture}$

4) Lbs. of dry grain _____ ÷ 60 lbs/bushel = _____ bushels
Example: 7,531.034 lbs ÷ 60 = 125.517 bushels

5) Bushels of grain _____ ÷ harvested area _____ = bushels per acre
Example: 125.517 bushels ÷ 2.410 acres = 52.08 bushels per acre

YIELD CHALLENGE PLOT**PLANTING INFORMATION**

Seed Brand _____

Variety _____

Variety Maturity Group _____

Planting Date _____

Planting Population _____

Row Width (inches) _____

Irrigated YES NO

Previous Crop (2016) _____

Previous Crop (2017) _____

Seed Inoculant YES NO

Product: _____

Seed Fungicide YES NO

Product: _____

Seed Insecticide YES NO

Product: _____

Seed Nematicide YES NO

Product: _____

Other Seed Treatment Product YES NO

Product: _____

YIELD CHALLENGE PLOT**WEED CONTROL**Burndown Herbicide Used YES NO

Product(s): _____

Pre-emerge Herbicide Used YES NO

Product(s): _____

Post-emerge Herbicide Used YES NO

Product(s): _____

YIELD CHALLENGE PLOT**FERTILITY**Fall Application YES NO

Product(s): _____

Spring Application YES NO

Product(s): _____

Starter or Pop-up YES NO

Product(s): _____

Top Dress or Side Dress YES NO

Product(s): _____

Foliar Application YES NO

Product(s): _____

Manure Applied to Field YES NO

Product(s): _____

Foliar Insecticide Used YES NO

Product(s): _____

YIELD CHALLENGE PLOT**FOLIAR INSECT CONTROL**Foliar Insecticide Used YES NO

Product(s): _____

YIELD CHALLENGE PLOT**FOLIAR DISEASE CONTROL**Foliar Fungicide Used YES NO

Product(s): _____

YIELD CHALLENGE PLOT**TILLAGE PRACTICE** Strip-Till or No-Till Fall Spring Fall + SpringPlease describe tillage practice: _____
YIELD CHALLENGE PLOT**CALCULATION OF HARVESTED ACRES (2 acres harvest minimum)**

Harvest Date _____

1) Calculate harvest area: Length _____ x Width _____ ÷ 43,560 (ft²/acre) = _____ acres harvested*Example: 1000' x 105' ÷ 43,560 = 2.410 acres*2) Record lbs. of grain harvested at harvest moisture: _____ *Example: 7,800 lbs*

3) Correct for moisture: [(100 - _____ % harvest moisture)/(100-13%)] x lbs of grain harvested _____ = lbs of grain at 13% moisture

Example: 7,800 lbs of grain at 16% moisture
$$[(100-16)/(100-13)] \times 7,800 \text{ lbs} = 7,531.034 \text{ lbs of grain at 13\% moisture}$$

4) Lbs. of dry grain _____ ÷ 60 lbs/bushel = _____ bushels

Example: 7,531.034 lbs ÷ 60 = 125.517 bushels

5) Bushels of grain _____ ÷ harvested area _____ = bushels per acre

*Example: 125.517 bushels ÷ 2.410 acres = 52.08 bushels per acre***SIDE-BY-SIDE CHALLENGE PLOT CERTIFICATION**_____
Producer's Signature_____
Date_____
Phone_____
Name of Approved Verifier*_____
Signature of Approved Verifier*_____
Date_____
Phone

***If you are in the Side-by-Side Challenge Plot, you need only one verifier from the list of Approved Verifiers. Verifiers need to sign the harvest form.**

If you have questions, email the Yield Challenge Coordinator at YieldChallenge@ilsoy.org.