



# Innovative Youth Corn Challenge PROJECT PROPOSAL



Become familiar with the rules BEFORE starting  
(One per team)

PLEASE PRINT OR TYPE

FFA Chapter or 4-H Club \_\_\_\_\_

Team member first and last name

Email (to receive updates and emails if applicable)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Sponsor(s) name

Location of the Plot

Job Title \_\_\_\_\_  
 Address \_\_\_\_\_  
 Town \_\_\_\_\_  
 Zip Code \_\_\_\_\_  
 Phone Number \_\_\_\_\_  
 Email \_\_\_\_\_

County \_\_\_\_\_  
 Legal Description \_\_\_\_\_  
 GPS Coordinate \_\_\_\_\_  
*(if possible)*

Is your field irrigated or rain-fed (dryland)?

*(Please circle.)*

Irrigated

Rain-fed

Please circle which by which method.

Furrow

Pivot

Drip

Hybrid Brand \_\_\_\_\_

Hybrid Number \_\_\_\_\_

Anticipated Planting Date \_\_\_\_\_

Planting Population \_\_\_\_\_

*(plants/acre)*

Yield over 5 year county average as determined by NASS \_\_\_\_\_

(Can be found at [http://www.nass.usda.gov/Data\\_and\\_Statistics/Quick\\_Stats/index.asp](http://www.nass.usda.gov/Data_and_Statistics/Quick_Stats/index.asp) or or local FSA office)



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**Setting up your corn challenge plot...**

Team name \_\_\_\_\_

**What are you testing? Why did you choose to test this?**

\_\_\_\_\_

**Research what might happen.**

**What is your hypothesis? What do you think will happen with your corn challenge plot and why?**

**Identify the variables for your design.**

**Independent Variable -**

**Dependent Variables -**

**Controlled Variables -**

What you will be changing in your corn challenge plot	What will you be measuring or observing in your corn challenge plot	What will remain the same in both plots?

During the growing season, scout your plots and keep track of any observations. You may use the \*Observation scouting sheet provided or whatever notes/scouting system works for you.

**AFTER HARVEST...** (include this on the innovation explanation sheet due after harvest.)

**Analyze your data and draw a conclusion. What happened with your corn challenge plot?**



Innovative Youth Corn Challenge  
**INNOVATION EXPLANATION**



**Why should your challenge plot be identified as the most innovative plot?  
How innovative is YOUR plan?**

Innovation is, "coming up with new ideas, products, collaborations and services that can be used."

**How or why did you choose to select this production practice/product for your challenge?**

**Describe the expected benefits of your challenge plot. What are the competitive advantages of your challenge plot compared to your check?**

**How does trying this product/production practice represent the industry trends? How well accepted is this product/practice?**

**Identify any risks, restraints, or conditions that could threaten the viability of your challenge plot practice full scale basis. Can those be reduced? If so, how?**

**To the best of your knowledge, has your challenge plot idea been conducted elsewhere? If so, what were the results and who was it conducted by?**

**Why should your challenge plot be identified as the most innovative plot?**