



Cooperative Extension Service

## **User's Guide for Interactive Agricultural Risk Coverage (ARC-County) Module in Excel**

For questions and comments related to the University of Arkansas 2014 Farm Bill Interactive Modules contact Archie Flanders at 870-526-2199 ext. 108 or [aflanders@uaex.edu](mailto:aflanders@uaex.edu).

### **Soybean Example**

Data is entered in white cells. Colored cells automatically calculate based on the ARC-County program.

#### **Yield Price Worksheet**

##### **County Yield:**

Enter county yield for each year (2009-2013) in Cells D3 through D7.

Yields in this example for 2013 (Cell D3) and 2010 (Cell D6) are not included in calculating the Olympic average.

The county Olympic average yield is automatically calculated in Cell D10.

The yield 46.33 bu. in Cell D10 is automatically moved to the Program worksheet.

##### **National Price:**

Enter national price for each year (2009-2013) in Cells J21 through J25.

Cells J3 through J7 automatically verify that no national price is less than the PLC reference price.

Prices in this example for 2012 (Cell J4) and 2010 (Cell J6) are not included in calculating the Olympic average.

The national Olympic average price is automatically calculated in Cell J10.

The price \$11.77/bu. in Cell J10 is automatically moved to the Program worksheet.

## Program Worksheet

Cell C21 automatically calculates: The benchmark revenue is calculated as Cell C7 (46.33) x Cell C8 (\$11.77) = \$545.19/acre in Cell C21.

Cell C20 automatically calculates: The revenue guarantee is 86% of the benchmark revenue and is automatically calculated in Cell C20 as \$468.86/acre.

As an example situation, actual crop revenue for 2014 is \$450.00/acre (45 bu./acre county yield, \$10.00/bu. national price)

Enter 2014 national price in Cell C3 and 2014 county yield in Cell C6.

Actual crop revenue is automatically calculated as \$450.00/acre in cell C23.

Actual crop revenue is less than the revenue guarantee.

Payment rate is  $\$468.86 - \$450.00 = \$18.86$  is automatically calculated in Cell C16. (May not exceed  $\$545.19 \times 0.10 = \$54.52$  in Cell C17)

Payment amount for one base acre calculated in Cell C14 is  $\$16.03 = 85\%$  of the payment rate.

Base acres can be changed in Cell C10.



University of Arkansas, United States Department of Agriculture and County Governments Cooperating.

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