Missouri County Examples of Expected Agricultural Risk Coverage (ARC) and Price Loss Coverage (PLC) Payments Under Alternative Crop Price Forecasts

An Application of the National Association for Agriculture and Food Policy’s 2014 Farm Bill Decision Tool

March 2015 Update
Missouri County Examples of Expected Agricultural Risk Coverage (ARC) and Price Loss Coverage (PLC) Payments Under Alternative Crop Price Forecasts

The following 84 Missouri counties are represented in this report:

<table>
<thead>
<tr>
<th>County</th>
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<tbody>
<tr>
<td>Adair</td>
<td>Clinton</td>
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<tr>
<td>Andrew</td>
<td>Cole</td>
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<tr>
<td>Atchison</td>
<td>Cooper</td>
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<tr>
<td>Audrain</td>
<td>Dade</td>
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<td>Barry</td>
<td>Daviess</td>
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<td>Barton</td>
<td>Dekalb</td>
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<td>Bates</td>
<td>Dunklin</td>
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<td>Benton</td>
<td>Franklin</td>
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<td>Bollinger</td>
<td>Gasconade</td>
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<td>Boone</td>
<td>Gentry</td>
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<td>Buchanan</td>
<td>Grundy</td>
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<td>Butler</td>
<td>Harrison</td>
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<td>Caldwell</td>
<td>Henry</td>
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<tr>
<td>Callaway</td>
<td>Holt</td>
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<tr>
<td>Cape Girardeau</td>
<td>Howard</td>
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<tr>
<td>Carroll</td>
<td>Jackson</td>
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<td>Cass</td>
<td>Jasper</td>
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<td>Cedar</td>
<td>Jefferson</td>
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<td>Chariton</td>
<td>Johnson</td>
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<td>Clark</td>
<td>Knox</td>
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<td>Clay</td>
<td>Lafayette</td>
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<td>Lawrence</td>
<td>Lewis</td>
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<td>Lewis</td>
<td>Lincoln</td>
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<td>Linn</td>
<td>Livingston</td>
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<td>Macon</td>
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<td>Mercer</td>
<td>Morgan</td>
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<td>Mississippi</td>
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<td>Monroe</td>
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<td>Morgan</td>
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<td>Newton</td>
<td>Nodaway</td>
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<td>Osage</td>
<td>Pemiscot</td>
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<tr>
<td>Perry</td>
<td>Pettis</td>
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<tr>
<td>Pike</td>
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This document is an update to the January 2015 report and includes updated price projections from FAPRI and USDA as well as more current 2014 yield information. These price and yield updates will provide a better estimate of 2014 payments relative to the original January report. The county average examples that are on a one base acre basis provide an estimate of projected ARC County (ARC-CO) and PLC program payments for corn, soybeans, wheat and sorghum. These examples will not necessarily reflect an individual operation’s expected outcome due to yield differences at the individual level relative to the county average. These examples are provided for illustrative purposes and program participants should look at their own operation’s expected payments when making decisions regarding the new farm bill provisions as their individual results could look substantially different. This work reflects the current crop price outlook provided by USDA and FAPRI and would change as crop price projections change.

For questions about this report contact the authors at:

Scott Brown – brownsco@missouri.edu
Daniel Madison – madisondc@missouri.edu
Adair County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
</tr>
</thead>
<tbody>
<tr>
<td>273,155 acres</td>
<td>822</td>
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Harvested Acres (2012) | Base Acres (FSA) | CC Yield (Bu/Ac) |
<table>
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<th></th>
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<tbody>
<tr>
<td>Corn 14,150</td>
<td>24,195</td>
<td>92</td>
</tr>
<tr>
<td>Soybeans 34,619</td>
<td>26,729</td>
<td>30</td>
</tr>
<tr>
<td>Wheat 1,664</td>
<td>8,676</td>
<td>38</td>
</tr>
<tr>
<td>Sorghum 493</td>
<td>393</td>
<td>73</td>
</tr>
</tbody>
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The yield and price projection graphics on p. 2 describe the data used in the decision tool calculation. Crop yields are those used by the Farm Service Agency in the ARC-CO calculation and are on a per planted acre basis. Price projections displayed are as of mid-Feb. 2015.

The graphs on p. 3 provide much of the same information given in the projected payments graphs at the bottom of p. 1, but provide additional detail of average projected payments for each year.

The graphs on p. 4 are similar to the graphs on p. 3, but instead of considering the average projected payments for a given year, they consider what payments would look like if market conditions led to higher (25th percentile) payments. The decision tool considers 500 combinations of market outcomes in determining the average payment projections displayed on p. 3. The graphs on p. 4 consider the higher 25th percentile of payments that occur for each commodity in a given year, and thus provide one look at how the programs would pay out in situations where payments are larger than median levels.
* These yields represent the higher of actual county yields per planted acre or 70% of the county transitional yield.
** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Andrew County, Missouri

2012 Census of Agriculture Profile:

| Land in Farms: | 198,588 acres |
| Number of Farms: | 826 |
| Average Farm Size: | 240 acres |

<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn 48,492</td>
<td>53,313</td>
<td>100</td>
</tr>
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<td>Soybeans 52,437</td>
<td>56,126</td>
<td>33</td>
</tr>
<tr>
<td>Wheat 2,055</td>
<td>7,642</td>
<td>38</td>
</tr>
<tr>
<td>Sorghum 383</td>
<td>2,414</td>
<td>74</td>
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Atchison County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>263,088 acres</th>
<th>Average Farm Size:</th>
<th>666 acres</th>
</tr>
</thead>
</table>

| Corn | 112,004 | 137,074 | 108 |
| Soybeans | 101,541 | 97,331 | 37 |
| Wheat (D) | 3,537 | 37 |
| Sorghum (D) | 163 | 73 |

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Barry County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>268,132 acres</th>
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<tbody>
<tr>
<td>Number of Farms:</td>
<td>1,427</td>
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<td>Average Farm Size:</td>
<td>188 acres</td>
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<table>
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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tbody>
<tr>
<td>Corn</td>
<td>7,685</td>
<td>1,282</td>
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<tr>
<td>Soybeans</td>
<td>2,152</td>
<td>421</td>
</tr>
<tr>
<td>Wheat</td>
<td>936</td>
<td>2,072</td>
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<tr>
<td>Sorghum</td>
<td>551</td>
<td>52</td>
</tr>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Barton County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms: 940</th>
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<tr>
<td>332,209 acres</td>
<td>353 acres</td>
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<table>
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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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</thead>
<tbody>
<tr>
<td>Corn 57,156</td>
<td>18,955</td>
<td>112</td>
</tr>
<tr>
<td>Soybeans 84,951</td>
<td>61,694</td>
<td>24</td>
</tr>
<tr>
<td>Wheat 43,976</td>
<td>61,317</td>
<td>41</td>
</tr>
<tr>
<td>Sorghum 1,532</td>
<td>30,602</td>
<td>75</td>
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** Average payment based on 500 sets of projected market outcomes.
**Projected Corn Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Corn Payments - USDA Prices**
(Dollars per Base Acre) ***

**Projected Soybean Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Soybean Payments - USDA Prices**
(Dollars per Base Acre) ***

**Projected Wheat Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Wheat Payments - USDA Prices**
(Dollars per Base Acre) ***

**Projected Sorghum Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Sorghum Payments - USDA Prices**
(Dollars per Base Acre) ***

*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Bates County, Missouri

2012 Census of Agriculture Profile:
Number of Farms: 1,169
Land in Farms: 448,135 acres
Average Farm Size: 383 acres

<table>
<thead>
<tr>
<th></th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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</thead>
<tbody>
<tr>
<td>Corn</td>
<td>62,802</td>
<td>47,854</td>
<td>88</td>
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<tr>
<td>Soybeans</td>
<td>121,143</td>
<td>75,012</td>
<td>26</td>
</tr>
<tr>
<td>Wheat</td>
<td>19,464</td>
<td>56,310</td>
<td>41</td>
</tr>
<tr>
<td>Sorghum</td>
<td>307</td>
<td>22,044</td>
<td>66</td>
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Benton County, Missouri

2012 Census of Agriculture Profile:
Number of Farms: 800
Land in Farms: 240,653 acres
Average Farm Size: 301 acres

Harvested Acres (2012) | Base Acres (FSA) | CC Yield (Bu/Ac)
--- | --- | ---
Corn | 9,181 | 6,746 | 86
Soybeans | 20,188 | 15,948 | 24
Wheat | 4,087 | 11,385 | 41
Sorghum | 264 | 6,182 | 75

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Bollinger County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
</tr>
</thead>
<tbody>
<tr>
<td>200,228 acres</td>
<td>788</td>
</tr>
</tbody>
</table>

Harvested Acres (2012) | Base Acres (FSA) | CC Yield (Bu/Ac)
---|---|---
Corn | 7,857 | 17,060 | 104
Soybeans | 27,138 | 14,841 | 31
Wheat | 4,048 | 7,654 | 40
Sorghum | (D) | 6,194 | 69

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These yields represent the higher of actual county yields per planted acre or 70% of the county transitional yield.
**Average payment based on 500 sets of projected market outcomes.
Upper 25th percentile payment based on 500 sets of projected market outcomes.
Buchanan County, Missouri

2012 Census of Agriculture Profile:

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<thead>
<tr>
<th></th>
<th>Number of Farms:</th>
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<td>Land in Farms:</td>
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<tr>
<td>Average Farm Size:</td>
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</tbody>
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<table>
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<tr>
<th></th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tr>
<td>Corn</td>
<td>48,887</td>
<td>44,889</td>
<td>106</td>
</tr>
<tr>
<td>Soybeans</td>
<td>58,215</td>
<td>48,220</td>
<td>33</td>
</tr>
<tr>
<td>Wheat</td>
<td>1,848</td>
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<td>Sorghum</td>
<td>282</td>
<td>2,369</td>
<td>75</td>
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</table>

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**Projected Corn Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Corn Payments - USDA Prices**
(Dollars per Base Acre) ***

**Projected Soybean Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Soybean Payments - USDA Prices**
(Dollars per Base Acre) ***

**Projected Wheat Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Wheat Payments - USDA Prices**
(Dollars per Base Acre) ***

**Projected Sorghum Payments - FAPRI Prices**
(Dollars per Base Acre) ***

**Projected Sorghum Payments - USDA Prices**
(Dollars per Base Acre) ***
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Cape Girardeau Co., Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Description</th>
<th>Number of Farms</th>
<th>Land in Farms: 252,911 acres</th>
<th>Average Farm Size: 222 acres</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Crop</th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>36,084</td>
<td>44,990</td>
<td>108</td>
</tr>
<tr>
<td>Soybeans</td>
<td>58,075</td>
<td>38,310</td>
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<tr>
<td>Wheat</td>
<td>16136</td>
<td>27,683</td>
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</tr>
<tr>
<td>Sorghum</td>
<td>(D)</td>
<td>7,125</td>
<td>73</td>
</tr>
</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Carroll County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
<th>1,112</th>
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<tr>
<td>Harvested Acres (2012)</td>
<td>Base Acres (FSA)</td>
<td>CC Yield (Bu/Ac)</td>
</tr>
<tr>
<td>Corn</td>
<td>92,545</td>
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<tr>
<td>Soybeans</td>
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<td>Wheat</td>
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<td>Sorghum</td>
<td>444</td>
<td>4,814</td>
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Cedar County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
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</thead>
<tbody>
<tr>
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<td>819</td>
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<table>
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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>4,995</td>
<td>1,373</td>
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<tr>
<td>Soybeans</td>
<td>7,047</td>
<td>2,736</td>
</tr>
<tr>
<td>Wheat</td>
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<td>8,219</td>
</tr>
<tr>
<td>Sorghum</td>
<td>2,417</td>
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</tr>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Chariton County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>406,355 acres</th>
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<tbody>
<tr>
<td>Number of Farms:</td>
<td>1,120</td>
</tr>
<tr>
<td>Harvested Acres (2012)</td>
<td>71,298</td>
</tr>
<tr>
<td>Base Acres (FSA)</td>
<td>72,341</td>
</tr>
<tr>
<td>CC Yield (bu/ac)</td>
<td>100</td>
</tr>
<tr>
<td>Corn</td>
<td>128,318</td>
</tr>
<tr>
<td>Soybeans</td>
<td>92,130</td>
</tr>
<tr>
<td>Wheat</td>
<td>42,444</td>
</tr>
<tr>
<td>Sorghum</td>
<td>66</td>
</tr>
<tr>
<td>Wheat</td>
<td>2,925</td>
</tr>
<tr>
<td>Corn</td>
<td>71,298</td>
</tr>
<tr>
<td>Soybeans</td>
<td>72,341</td>
</tr>
<tr>
<td>Wheat</td>
<td>42,444</td>
</tr>
<tr>
<td>Sorghum</td>
<td>66</td>
</tr>
<tr>
<td>Wheat</td>
<td>2,925</td>
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</tbody>
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Chariton Yields used by FSA *
(Bushels per Planted Acre)

Corn Price Projections
(Dollars per Bushel)

Chariton Yields used by FSA *
(Bushels per Planted Acre)

Soybean Price Projections
(Dollars per Bushel)

Chariton Yields used by FSA *
(Bushels per Planted Acre)

Wheat Price Projections
(Dollars per Bushel)

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Clark County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms: 241,121 acres</th>
<th>Number of Farms: 673</th>
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<tbody>
<tr>
<td>Harvested Acres (2012)</td>
<td>Base Acres (FSA)</td>
</tr>
<tr>
<td>Corn</td>
<td>46,706</td>
</tr>
<tr>
<td>Soybeans</td>
<td>59,576</td>
</tr>
<tr>
<td>Wheat</td>
<td>3,282</td>
</tr>
<tr>
<td>Sorghum (D)</td>
<td>444</td>
</tr>
<tr>
<td>CC Yield (Bu/Ac)</td>
<td></td>
</tr>
<tr>
<td>Corn</td>
<td>100</td>
</tr>
<tr>
<td>Soybeans</td>
<td>30</td>
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<tr>
<td>Wheat</td>
<td>40</td>
</tr>
<tr>
<td>Sorghum (D)</td>
<td>77</td>
</tr>
</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Clay County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
<th>578</th>
</tr>
</thead>
<tbody>
<tr>
<td>110,650 acres</td>
<td>Average Farm Size:</td>
<td>191 acres</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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</thead>
<tbody>
<tr>
<td>Corn</td>
<td>11,857</td>
<td>8,284</td>
</tr>
<tr>
<td>Soybeans</td>
<td>22,813</td>
<td>16,571</td>
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<tr>
<td>Wheat</td>
<td>1,253</td>
<td>4,605</td>
</tr>
<tr>
<td>Sorghum</td>
<td></td>
<td>727</td>
</tr>
</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
**Projected Corn Payments - FAPRI Prices (Dollars per Base Acre)***

**Projected Corn Payments - USDA Prices (Dollars per Base Acre)***

**Projected Soybean Payments - FAPRI Prices (Dollars per Base Acre)***

**Projected Soybean Payments - USDA Prices (Dollars per Base Acre)***

**Projected Wheat Payments - FAPRI Prices (Dollars per Base Acre)***

**Projected Wheat Payments - USDA Prices (Dollars per Base Acre)***

*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Clinton County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>191,602 acres</th>
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</thead>
<tbody>
<tr>
<td>Number of Farms:</td>
<td>758</td>
</tr>
<tr>
<td>Average Farm Size:</td>
<td>253 acres</td>
</tr>
</tbody>
</table>

Harvested Acres (2012) | Base Acres (FSA) | CC Yield (Bu/Ac) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>40,013</td>
<td>35,004</td>
</tr>
<tr>
<td>Soybeans</td>
<td>49,596</td>
<td>32,527</td>
</tr>
<tr>
<td>Wheat</td>
<td>619</td>
<td>9,840</td>
</tr>
<tr>
<td>Sorghum</td>
<td>2,583</td>
<td></td>
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</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Collider County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
</tr>
</thead>
<tbody>
<tr>
<td>176,306 acres</td>
<td>1,055</td>
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</table>

<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>5,580</td>
<td>8,682</td>
</tr>
<tr>
<td>Soybeans</td>
<td>16,443</td>
<td>5,202</td>
</tr>
<tr>
<td>Wheat</td>
<td>1,577</td>
<td>6,352</td>
</tr>
<tr>
<td>Sorghum (D)</td>
<td>1,818</td>
<td></td>
</tr>
</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Cooper County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms</th>
<th>Number of Farms</th>
</tr>
</thead>
<tbody>
<tr>
<td>307,128 acres</td>
<td>928</td>
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<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>Soybeans</td>
<td>Wheat</td>
</tr>
<tr>
<td>46,399</td>
<td>68,715</td>
<td>21,890</td>
</tr>
<tr>
<td>45,403</td>
<td>37,103</td>
<td>42,380</td>
</tr>
<tr>
<td>91</td>
<td>28</td>
<td>43</td>
</tr>
<tr>
<td>Sorghum</td>
<td>Harvested Acres (2012)</td>
<td>Base Acres (FSA)</td>
</tr>
<tr>
<td>120</td>
<td>6,468</td>
<td>74</td>
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</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Dade County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th></th>
<th>Number of Farms: 734</th>
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</thead>
<tbody>
<tr>
<td>Land in Farms: 245,554 acres</td>
<td>Average Farm Size: 335 acres</td>
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<table>
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<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn 13,234</td>
<td>3,637</td>
<td>107</td>
</tr>
<tr>
<td>Soybeans 29,143</td>
<td>18,368</td>
<td>22</td>
</tr>
<tr>
<td>Wheat 22,235</td>
<td>33,046</td>
<td>42</td>
</tr>
<tr>
<td>Sorghum 1,294</td>
<td>8,946</td>
<td>73</td>
</tr>
</tbody>
</table>

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*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
## Dekalb County, Missouri

### 2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
<th>242,855 acres</th>
<th>863</th>
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<tr>
<td>Harvested Acres (2012)</td>
<td>Base Acres (FSA)</td>
<td>CC Yield (Bu/Ac)</td>
<td></td>
</tr>
<tr>
<td>Corn</td>
<td>38,428</td>
<td>36,492</td>
<td>92</td>
</tr>
<tr>
<td>Soybeans</td>
<td>59,389</td>
<td>28,455</td>
<td>30</td>
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<tr>
<td>Wheat</td>
<td>2,602</td>
<td>13,058</td>
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<tr>
<td>Sorghum</td>
<td>707</td>
<td>4,623</td>
<td>74</td>
</tr>
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</table>

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*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Franklin County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>291,589 acres</th>
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<tbody>
<tr>
<td>Number of Farms:</td>
<td>1,841</td>
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<tr>
<td>Average Farm Size:</td>
<td>158 acres</td>
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</table>

<table>
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<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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</thead>
<tbody>
<tr>
<td>Corn</td>
<td>22,854</td>
<td>23,576</td>
</tr>
<tr>
<td>Soybeans</td>
<td>32,286</td>
<td>16,214</td>
</tr>
<tr>
<td>Wheat</td>
<td>3,360</td>
<td>14,979</td>
</tr>
<tr>
<td>Sorghum</td>
<td>1,331</td>
<td>2,908</td>
</tr>
</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Gasconade County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th></th>
<th>Number of Farms:</th>
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<td>Land in Farms:</td>
<td>208,922 acres</td>
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<td>Average Farm Size:</td>
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<td>Harvested Acres (2012)</td>
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<tr>
<td>Base Acres (FSA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC Yield (Bu/Ac)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn</td>
<td>5,051</td>
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<tr>
<td>Soybeans</td>
<td>10,472</td>
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<td>Wheat</td>
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<tr>
<td>Sorghum</td>
<td>575</td>
<td>2,401</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Gentry County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
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</thead>
<tbody>
<tr>
<td>253,310 acres</td>
<td>708</td>
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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tbody>
<tr>
<td>Corn 27,579</td>
<td>44,512</td>
<td>90</td>
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<tr>
<td>Soybeans 48,276</td>
<td>30,288</td>
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<tr>
<td>Wheat 3,417</td>
<td>16,121</td>
<td>38</td>
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<td>Sorghum 113</td>
<td>4,480</td>
<td>75</td>
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*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Grundy County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
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<th>Land in Farms: 203,954 acres</th>
<th>Number of Farms: 689</th>
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<table>
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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tr>
<td>Corn 20,269</td>
<td>24,281</td>
<td>96</td>
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<tr>
<td>Soybeans 54,582</td>
<td>51,687</td>
<td>31</td>
</tr>
<tr>
<td>Wheat 4,058</td>
<td>15,079</td>
<td>41</td>
</tr>
<tr>
<td>Sorghum 168</td>
<td>7,581</td>
<td>79</td>
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</table>

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*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Harrison County, Missouri

2012 Census of Agriculture Profile:
Number of Farms: 1,051
Land in Farms: 400,833 acres
Average Farm Size: 381 acres

<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>66,350</td>
<td>58,505</td>
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<tr>
<td>Soybeans</td>
<td>85,754</td>
<td>41,889</td>
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<tr>
<td>Wheat</td>
<td>2,458</td>
<td>13,356</td>
</tr>
<tr>
<td>Sorghum</td>
<td>108</td>
<td>3,306</td>
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</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Holt County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>200,337 acres</th>
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<tbody>
<tr>
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<td>491 acres</td>
<td>Harvested Acres (2012)</td>
<td>Base Acres (FSA)</td>
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<tr>
<td>Corn</td>
<td>68,943</td>
<td>110,955</td>
<td>113</td>
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<td>Soybeans</td>
<td>78,343</td>
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<tr>
<td>Wheat</td>
<td>454</td>
<td>4,756</td>
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</tr>
<tr>
<td>Sorghum</td>
<td>830</td>
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</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Howard County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>243,420 acres</th>
<th>Number of Farms:</th>
<th>765</th>
</tr>
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<tbody>
<tr>
<td>Average Farm Size:</td>
<td>318 acres</td>
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<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>34,995</td>
<td>37,240</td>
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<tr>
<td>Soybeans</td>
<td>49,873</td>
<td>23,997</td>
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<tr>
<td>Wheat</td>
<td>5,553</td>
<td>23,256</td>
</tr>
<tr>
<td>Sorghum</td>
<td>(D)</td>
<td>2,440</td>
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</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Jackson County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>19,042</td>
<td>18,239</td>
<td>105</td>
</tr>
<tr>
<td>Soybeans</td>
<td>32,423</td>
<td>36,038</td>
<td>30</td>
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<tr>
<td>Wheat</td>
<td>3,274</td>
<td>14,211</td>
<td>40</td>
</tr>
<tr>
<td>Sorghum</td>
<td>74</td>
<td>2,312</td>
<td>72</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Jasper County, Missouri

2012 Census of Agriculture Profile:
Number of Farms: 1,299
Land in Farms: 246,707 acres
Average Farm Size: 190 acres

<table>
<thead>
<tr>
<th></th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
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<tr>
<td>Corn</td>
<td>20,908</td>
<td>8,624</td>
<td>104</td>
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<td>Soybeans</td>
<td>39,839</td>
<td>32,637</td>
<td>22</td>
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<tr>
<td>Wheat</td>
<td>25,679</td>
<td>43,968</td>
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</tr>
<tr>
<td>Sorghum</td>
<td>314</td>
<td>15,795</td>
<td>71</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Jefferson County, Missouri

2012 Census of Agriculture Profile: Number of Farms: 705

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>97,513 acres</th>
<th>Average Farm Size:</th>
<th>138 acres</th>
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<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>3,893</td>
<td>4,557</td>
</tr>
<tr>
<td>Soybeans</td>
<td>5,235</td>
<td>5,035</td>
</tr>
<tr>
<td>Wheat</td>
<td>1,079</td>
<td>2,549</td>
</tr>
<tr>
<td>Sorghum</td>
<td>83</td>
<td>357</td>
</tr>
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</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Johnson County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
</tr>
</thead>
<tbody>
<tr>
<td>390,897 acres</td>
<td>1,657</td>
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<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>Soybeans</td>
<td>Wheat</td>
</tr>
<tr>
<td>38,669</td>
<td>75,764</td>
<td>9,638</td>
</tr>
<tr>
<td>41,410</td>
<td>38,123</td>
<td>24,333</td>
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<td></td>
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<td>92</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
**Knox County, Missouri**

**2012 Census of Agriculture Profile:**

<table>
<thead>
<tr>
<th></th>
<th>Number of Farms: 695</th>
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<tbody>
<tr>
<td>Land in Farms:</td>
<td>280,980 acres</td>
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<td>Average Farm Size:</td>
<td>404 acres</td>
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<table>
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<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tbody>
<tr>
<td>Corn</td>
<td>47,965</td>
<td>44,297</td>
</tr>
<tr>
<td>Soybeans</td>
<td>78,784</td>
<td>51,548</td>
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<tr>
<td>Wheat</td>
<td>4,345</td>
<td>20,443</td>
</tr>
<tr>
<td>Sorghum</td>
<td>465</td>
<td>1,892</td>
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**Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Lafayette County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th></th>
<th>Number of Farms:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Land in Farms:</td>
<td>326,909 acres</td>
<td>1,174</td>
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<tr>
<td></td>
<td>Average Farm Size:</td>
<td>278 acres</td>
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</table>

Harvested Acres (2012)  Base Acres (FSA)  CC Yield (Bu/Ac)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>Corn</td>
<td>96,469</td>
<td>94,351</td>
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<td>Soybeans</td>
<td>108,816</td>
<td>83,533</td>
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<tr>
<td>Wheat</td>
<td>4,669</td>
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<tr>
<td>Sorghum</td>
<td>(D)</td>
<td>1,317</td>
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</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Lawrence County, Missouri

2012 Census of Agriculture Profile:

- Number of Farms: 1,849
- Land in Farms: 311,127 acres
- Average Farm Size: 168 acres

<table>
<thead>
<tr>
<th>Crop</th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>8,213</td>
<td>3,962</td>
<td>89</td>
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<tr>
<td>Soybeans</td>
<td>13,897</td>
<td>5,776</td>
<td>19</td>
</tr>
<tr>
<td>Wheat</td>
<td>7,345</td>
<td>14,863</td>
<td>38</td>
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<tr>
<td>Sorghum</td>
<td>108</td>
<td>4,005</td>
<td>61</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Lincoln County, Missouri

2012 Census of Agriculture Profile:

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<td>Corn 56,260</td>
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<td>Wheat 12,317</td>
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</tr>
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<td>Sorghum 2,555</td>
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Lincoln Yields used by FSA * (Bushels per Planted Acre)

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Lincoln Yields used by FSA * (Bushels per Planted Acre)

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Lincoln Yields used by FSA * (Bushels per Planted Acre)

Lincoln Yields used by FSA * (Bushels per Planted Acre)

Corn Price Projections (Dollars per Bushel)

Soybean Price Projections (Dollars per Bushel)

Wheat Price Projections (Dollars per Bushel)

Sorghum Price Projections (Dollars per Bushel)

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Linn County, Missouri

2012 Census of Agriculture Profile:

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<th>Land in Farms:</th>
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<td>Harvested Acres (2012)</td>
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<td>Corn</td>
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<td>Sorghum</td>
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Marion County, Missouri

2012 Census of Agriculture Profile: Number of Farms: 704
Land in Farms: 221,469 acres Average Farm Size: 315 acres

<table>
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<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tbody>
<tr>
<td>Corn</td>
<td>63,416</td>
<td>47,550</td>
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<td>Soybeans</td>
<td>60,506</td>
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<td>Wheat</td>
<td>6,602</td>
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<td>Sorghum</td>
<td>4,035</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Mercer County, Missouri

2012 Census of Agriculture Profile:

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<th>Land in Farms:</th>
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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
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<td>Soybeans</td>
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<td>Wheat</td>
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<td>Sorghum</td>
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### Moniteau County, Missouri

#### 2012 Census of Agriculture Profile:
- Number of Farms: 1,089
- Land in Farms: 235,204 acres
- Average Farm Size: 216 acres

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* These yields represent the higher of actual county yields per planted acre or 70% of the county transitional yield.
** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Montgomery Co., Missouri

2012 Census of Agriculture Profile:

Number of Farms: 795
Land in Farms: 279,165 acres
Average Farm Size: 351 acres

<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tr>
<td>Corn</td>
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<td>43,766</td>
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<td>Soybeans</td>
<td>82,230</td>
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<td>Wheat</td>
<td>15,333</td>
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<td>Sorghum</td>
<td>1,558</td>
<td>4,858</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
New Madrid Co., Missouri

2012 Census of Agriculture Profile:

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<th>Land in Farms:</th>
<th>344,553 acres</th>
<th>Number of Farms:</th>
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<th>Average Farm Size:</th>
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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tr>
<td>Corn 67,972</td>
<td>61,516</td>
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<td>Soybeans 134,492</td>
<td>122,321</td>
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<td>Wheat 19,730</td>
<td>43,437</td>
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</tr>
<tr>
<td>Sorghum 3,983</td>
<td>35,276</td>
<td>81</td>
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</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Newton County, Missouri

2012 Census of Agriculture Profile:

<table>
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<th>Land in Farms:</th>
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<td>Base Acres (FSA)</td>
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<td>Corn</td>
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<td>Soybeans</td>
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<td>Wheat</td>
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<tr>
<td>Sorghum</td>
<td>85</td>
<td>3,382</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Perry County, Missouri

2012 Census of Agriculture Profile:

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<th>Land in Farms: 226,441 acres</th>
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<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<td>Corn 30,326</td>
<td>31,897</td>
<td>110</td>
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<td>Soybeans 38,211</td>
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<tr>
<td>Wheat 13,510</td>
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<td>40</td>
</tr>
<tr>
<td>Sorghum 1,917</td>
<td>1,917</td>
<td>71</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Pettis County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tr>
<td>Corn</td>
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<td>Soybeans</td>
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<td>Wheat</td>
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<tr>
<td>Sorghum</td>
<td>851</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Pike County, Missouri

2012 Census of Agriculture Profile:

- **Number of Farms**: 1,003
- **Land in Farms**: 361,666 acres
- **Average Farm Size**: 361 acres

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<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
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<td>Corn 77,355</td>
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<td>Soybeans 86,343</td>
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<tr>
<td>Wheat 8,197</td>
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<td>Sorghum (D) 8,614</td>
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<td>85</td>
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Ralls County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Description</th>
<th>Number of Farms</th>
<th>Land in Farms</th>
<th>Average Farm Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Farms</td>
<td>723</td>
<td>283,486 acres</td>
<td>392 acres</td>
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<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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</thead>
<tbody>
<tr>
<td>Corn</td>
<td>68,974</td>
<td>39,276</td>
</tr>
<tr>
<td>Soybeans</td>
<td>79,737</td>
<td>55,656</td>
</tr>
<tr>
<td>Wheat</td>
<td>7,801</td>
<td>31,844</td>
</tr>
<tr>
<td>Sorghum</td>
<td>(D)</td>
<td>10,750</td>
</tr>
</tbody>
</table>

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Randolph County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
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<tbody>
<tr>
<td>209,491 acres</td>
<td>818</td>
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<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn 12,836</td>
<td>22,807</td>
<td>86</td>
</tr>
<tr>
<td>Soybeans 44,163</td>
<td>20,310</td>
<td>29</td>
</tr>
<tr>
<td>Wheat 4,758</td>
<td>26,347</td>
<td>43</td>
</tr>
<tr>
<td>Sorghum 223</td>
<td>2,736</td>
<td>76</td>
</tr>
</tbody>
</table>

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Ripley County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>137,829 acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Farms:</td>
<td>439</td>
</tr>
<tr>
<td>Average Farm Size:</td>
<td>314 acres</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn 2,635</td>
<td>870</td>
<td>80</td>
</tr>
<tr>
<td>Soybeans 8,583</td>
<td>7,285</td>
<td>24</td>
</tr>
<tr>
<td>Wheat 709</td>
<td>3,148</td>
<td>33</td>
</tr>
<tr>
<td>Sorghum (D) 5,068</td>
<td>5,068</td>
<td>57</td>
</tr>
</tbody>
</table>

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* Ripley Yields used by FSA *
  (Bushels per Planted Acre)

* Corn Price Projections
  (Dollars per Bushel)

* Ripley Yields used by FSA *
  (Bushels per Planted Acre)

* Soybean Price Projections
  (Dollars per Bushel)

* Ripley Yields used by FSA *
  (Bushels per Planted Acre)

* Wheat Price Projections
  (Dollars per Bushel)

* Ripley Yields used by FSA *
  (Bushels per Planted Acre)

* Sorghum Price Projections
  (Dollars per Bushel)
**Average payment based on 500 sets of projected market outcomes.**
Upper 25th percentile payment based on 500 sets of projected market outcomes.
Saline County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th></th>
<th>Number of Farms: 959</th>
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<tbody>
<tr>
<td>Land in Farms:</td>
<td>461,119 acres</td>
</tr>
<tr>
<td>Average Farm Size:</td>
<td>481 acres</td>
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<td>Harvested Acres (2012)</td>
<td></td>
</tr>
<tr>
<td>Corn</td>
<td>149,072</td>
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<tr>
<td>Soybeans</td>
<td>160,467</td>
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<td>Wheat</td>
<td>4,899</td>
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<tr>
<td>Sorghum</td>
<td>163</td>
</tr>
<tr>
<td>Base Acres (FSA)</td>
<td></td>
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<tr>
<td>Corn</td>
<td>137,999</td>
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<tr>
<td>Soybeans</td>
<td>109,709</td>
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<tr>
<td>Wheat</td>
<td>33,307</td>
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<td>Sorghum</td>
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<tr>
<td>CC Yield (Bu/Ac)</td>
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<tr>
<td>Corn</td>
<td>116</td>
</tr>
<tr>
<td>Soybeans</td>
<td>36</td>
</tr>
<tr>
<td>Wheat</td>
<td>44</td>
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<td>Sorghum</td>
<td>76</td>
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Schuyler County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
<th>516</th>
</tr>
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<tbody>
<tr>
<td>159,378 acres</td>
<td>Average Farm Size:</td>
<td>309 acres</td>
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<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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</thead>
<tbody>
<tr>
<td>Corn</td>
<td>9,459</td>
<td>19,842</td>
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<tr>
<td>Soybeans</td>
<td>24,465</td>
<td>11,529</td>
</tr>
<tr>
<td>Wheat</td>
<td>195</td>
<td>5,518</td>
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<tr>
<td>Sorghum</td>
<td>274</td>
<td>70</td>
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</tbody>
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* These yields represent the higher of actual county yields per planted acre or 70% of the county transitional yield.
** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Scotland County, Missouri

2012 Census of Agriculture Profile:

- Number of Farms: 674
- Land in Farms: 244,169 acres
- Average Farm Size: 362 acres

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tbody>
<tr>
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<td>37,531</td>
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<td>Soybeans</td>
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<tr>
<td>Sorghum</td>
<td>60</td>
<td>531</td>
<td>76</td>
</tr>
</tbody>
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These yields represent the higher of actual county yields per planted acre or 70% of the county transitional yield.
** Average payment based on 500 sets of projected market outcomes.
**Projected Corn Payments - FAPRI Prices (Dollars per Base Acre)**

**Projected Corn Payments - USDA Prices (Dollars per Base Acre)**

**Projected Soybean Payments - FAPRI Prices (Dollars per Base Acre)**

**Projected Soybean Payments - USDA Prices (Dollars per Base Acre)**

**Projected Wheat Payments - FAPRI Prices (Dollars per Base Acre)**

**Projected Wheat Payments - USDA Prices (Dollars per Base Acre)**

*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Shelby County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
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</thead>
<tbody>
<tr>
<td>299,290 acres</td>
<td>709</td>
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</tbody>
</table>

Harvested Acres (2012) | Base Acres (FSA) | CC Yield (Bu/Ac) |
-----------------------|-----------------|------------------|
Corn                   | 55,881          | 36,060           | 92             |
Soybeans               | 111,012         | 69,485           | 31             |
Wheat                  | 5,862           | 31,090           | 46             |
Sorghum                | 713             | 11,743           | 83             |

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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
St. Charles County, Missouri

2012 Census of Agriculture Profile: Number of Farms: 566

Land in Farms: 158,146 acres Average Farm Size: 279 acres

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<td>Corn</td>
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<td>50,788</td>
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<td>Soybeans</td>
<td>55,155</td>
<td>44,966</td>
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<tr>
<td>Wheat</td>
<td>4,753</td>
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<tr>
<td>Sorghum</td>
<td>58</td>
<td>1,364</td>
<td>68</td>
</tr>
</tbody>
</table>

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Projected Payments - FAPRI Prices
(Dollars per Base Acre)

Projected Payments - USDA Prices
(Dollars per Base Acre)
These yields represent the higher of actual county yields per planted acre or 70% of the county transitional yield.
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*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
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<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>10,086</td>
<td>7,900</td>
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<tr>
<td>Soybeans</td>
<td>26,087</td>
<td>16,652</td>
<td>24</td>
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<tr>
<td>Wheat</td>
<td>7,082</td>
<td>26,162</td>
<td>40</td>
</tr>
<tr>
<td>Sorghum</td>
<td>739</td>
<td>13,841</td>
<td>66</td>
</tr>
</tbody>
</table>
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*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Stoddard County, Missouri

2012 Census of Agriculture Profile: Number of Farms: 907
Land in Farms: 448,145 acres Average Farm Size: 494 acres

<table>
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<tr>
<th></th>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
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<tr>
<td>Corn</td>
<td>88,824</td>
<td>107,298</td>
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<tr>
<td>Soybeans</td>
<td>140,491</td>
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<td>Wheat</td>
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<td>Sorghum</td>
<td>877</td>
<td>23,961</td>
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** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
Sullivan County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>Number of Farms:</th>
<th>798</th>
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<tbody>
<tr>
<td>323,005 acres</td>
<td>Average Farm Size:</td>
<td>405 acres</td>
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<table>
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<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn 13,644</td>
<td>22,448</td>
<td>86</td>
</tr>
<tr>
<td>Soybeans 38,056</td>
<td>14,733</td>
<td>27</td>
</tr>
<tr>
<td>Wheat 1,391</td>
<td>9,540</td>
<td>38</td>
</tr>
<tr>
<td>Sorghum 1,827</td>
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<td>72</td>
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The yield and price projection graphics on p. 2 describe the data used in the decision tool calculation. Crop yields are those used by the Farm Service Agency in the ARC-CO calculation and are on a per planted acre basis. Price projections displayed are as of mid-Feb. 2015.

The graphs on p. 3 provide much of the same information given in the projected payments graphs at the bottom of p. 1, but provide additional detail of average projected payments for each year.

The graphs on p. 4 are similar to the graphs on p. 3, but instead of considering the average projected payments for a given year, they consider what payments would look like if market conditions led to higher (25th percentile) payments. The decision tool considers 500 combinations of market outcomes in determining the average payment projections displayed on p. 3. The graphs on p. 4 consider the higher 25th percentile of payments that occur for each commodity in a given year, and thus provide one look at how the programs would pay out in situations where payments are larger than median levels.
These yields represent the higher of actual county yields per planted acre or 70% of the county transitional yield.
** Average payment based on 500 sets of projected market outcomes.
*** Upper 25th percentile payment based on 500 sets of projected market outcomes.
This updated report was generated by Scott Brown and Daniel Madison at the University of Missouri using the decision tool developed by the National Association of Agricultural and Food Policy (NAAFP) led by the Food and Agricultural Policy Research Institute (FAPRI) at the University of Missouri, and the Agricultural and Food Policy Center (AFPC) at Texas A&M University. Information used for this report was accessed in mid-February 2015. This report incorporates 2014 yield information recently released by USDA/NASS that will provide a better estimate of 2014 program payments.

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Worth County, Missouri

2012 Census of Agriculture Profile:

<table>
<thead>
<tr>
<th>Land in Farms:</th>
<th>125,048 acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Farms:</td>
<td>384</td>
</tr>
<tr>
<td>Average Farm Size:</td>
<td>326 acres</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Harvested Acres (2012)</th>
<th>Base Acres (FSA)</th>
<th>CC Yield (Bu/Ac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>11,780</td>
<td>21,474</td>
</tr>
<tr>
<td>Soybeans</td>
<td>17,833</td>
<td>13,625</td>
</tr>
<tr>
<td>Wheat</td>
<td>92</td>
<td>4,300</td>
</tr>
<tr>
<td>Sorghum</td>
<td>916</td>
<td>65</td>
</tr>
</tbody>
</table>

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