

**University of Missouri Extension Southeast Missouri Crop Budget  
2017 Rice Budget - Hybrid Clearfield**

| Variable Cost                 | Number of<br>Units | Units       | Cost<br>\$/Unit | Total<br>Cost/Acre | Your Cost<br>\$/Acre |
|-------------------------------|--------------------|-------------|-----------------|--------------------|----------------------|
| Seed (Tech Fee + Seed Treat)  | 1                  | Unit        | 135.00          | 135.00             |                      |
| Nitrogen                      | 150                | Pounds      | 0.34            | 51.00              |                      |
| Phosphate                     | 55                 | Pounds      | 0.33            | 18.15              |                      |
| Potash                        | 30                 | Pounds      | 0.25            | 7.50               |                      |
| Limestone                     | 0                  | Tons        | 29.00           | 0.00               |                      |
| Zinc                          | 3                  | Pounds      | 2.00            | 6.00               |                      |
| Sulfur                        | 0                  | Pounds      | 0.00            | 0.00               |                      |
| Pre/Post-Emerge               | 1                  | Acre        | 27.00           | 27.00              |                      |
| Post-Emerge                   | 1                  | Acre        | 27.00           | 27.00              |                      |
| Fungicide                     | 0                  | Ounces      | 18.00           | 0.00               |                      |
| Insecticide                   | 0                  | Acre        | 0.00            | 0.00               |                      |
| Drying (Custom/Bushel)*       | 180                | Bushels     | 0.30            | 54.00              |                      |
| Hauling & Transportation*     | 180                | Bushels     | 0.16            | 28.80              |                      |
| Miscellaneous Overhead        | 1                  | Acre        | 12.00           | 12.00              |                      |
| Machinery Fuel                | 1                  | Acre        | 20.00           | 20.00              |                      |
| Machinery Repairs             | 1                  | Acre        | 20.00           | 20.00              |                      |
| Labor                         | 1                  | Acre        | 44.00           | 44.00              |                      |
| Irrigation Fuel               | 1                  | Acre        | 40.00           | 40.00              |                      |
| Irrigation Repairs            | 1                  | Acre        | 10.00           | 10.00              |                      |
| Irrigation Labor              | 1                  | Acre        | 7.00            | 7.00               |                      |
| Scout                         | 1                  | Acre        | 8.00            | 8.00               |                      |
| Custom Application            | 3                  | Acre        | 6.50            | 19.50              |                      |
| Crop Insurance                | 1                  | Acre        | 10.00           | 10.00              |                      |
| Interest (1/2 year at 6.0%)   | 0.5                | Acre        | 6.00%           | 16.35              |                      |
| <b>Total Variable</b>         |                    | <b>Acre</b> |                 | <b>\$ 561.30</b>   |                      |
| Fixed Machinery Cost          | 1                  | Acre        | 69.00           | 69.00              |                      |
| Fixed Buildings & Bins Cost   | 1                  | Acre        | 17.00           | 17.00              |                      |
| Fixed Irrigation Cost         | 1                  | Acre        | 73.00           | 73.00              |                      |
| <b>Total (Excluding Land)</b> |                    | <b>Acre</b> |                 | <b>\$ 720.30</b>   |                      |
| Land Real Estate Taxes        | 1                  | Acre        | 0.20%           | 12.00              |                      |
| Land Interest                 | 6000               | Acre        | 2.50%           | 150.00             |                      |
| <b>Total Cost</b>             |                    | <b>Acre</b> |                 | <b>\$ 882.30</b>   |                      |

\* Drying & Transportation Costs Change With Yields

**Breakeven Price in \$/Bushel**

| Yield<br>Bu/Acre | Variable<br>Cost | Total Cost<br>Excluding<br>Land | Total<br>Cost | Yield<br>Bu/Acre | Variable<br>Cost | Total Cost<br>Excluding<br>Land | Total<br>Cost |
|------------------|------------------|---------------------------------|---------------|------------------|------------------|---------------------------------|---------------|
| 120              | \$4.45           | \$5.77                          | \$7.12        | 190              | \$2.98           | \$3.82                          | \$4.67        |
| 130              | \$4.14           | \$5.36                          | \$6.61        | 200              | \$2.85           | \$3.65                          | \$4.46        |
| 140              | \$3.88           | \$5.01                          | \$6.17        | 210              | \$2.74           | \$3.50                          | \$4.27        |
| 150              | \$3.65           | \$4.71                          | \$5.79        | 220              | \$2.63           | \$3.36                          | \$4.09        |
| 160              | \$3.45           | \$4.44                          | \$5.46        | 230              | \$2.54           | \$3.23                          | \$3.94        |
| 170              | \$3.27           | \$4.21                          | \$5.16        | 240              | \$2.45           | \$3.12                          | \$3.79        |
| 180              | \$3.12           | \$4.00                          | \$4.90        | 250              | \$2.37           | \$3.01                          | \$3.66        |