

## **Arkansas Breakeven Prices and Yields for 2019 Soybean Crop Enterprise Budgets**

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Policy actions over the past month have coincided with soybean market price declines. This scenario has producers reexamining their costs of production to estimate breakeven market price. An analysis using 2019 soybean cost of production budgets developed by the Arkansas Cooperative Extension Service took the Arkansas soybean statewide average booking price for the 2019 crop and calculated the breakeven yield required to cover total operating expenses. Arkansas soybean booking price was \$8.98 per bushel, the statewide average for November 15-December 31, 2018. The analysis considered system combinations across four irrigation alternatives (flood, furrow, center pivot, and non-irrigated), six seed types (Roundup Ready, Roundup Ready 2 Xtend, Liberty Link, Liberty Link GT27, Enlist E3, and Conventional), and four ownership tenure options (Farm Owner, Tenant 90-10 Crop Share, Tenant 80-20 Crop Share, and Tenant 75-25 Crop Share). Breakeven yields on irrigated soybean systems ranged from 34 to 65 bushels per acre at the \$8.98 per bushel price. Non-irrigated breakeven yields spanned 27 to 47 bushels per acre at the same market price. The sensitivity to market booking price changes of Net Returns to Operating Expenses was calculated by increasing and decreasing price 10, 20, and 30%. Readers should note that the net returns are to operating expenses – not total costs, including outlays to management and land. These tables were developed utilizing crop enterprise budgets as of January 1, 2019 and may not reflect the most recent expense values.