

2004 Progress Report
ARKANSAS CORN AND GRAIN SORGHUM PROMOTION BOARD

Title: Economic Analysis of Corn and Grain Sorghum Production Practices

Table 1. Economic Summary of Grain Sorghum Fields in the 2004 GSRVP.

COUNTY	Yield ¹ (bu/A)	Total Specified Operating Costs ² (\$/A)	Specified Ownership Costs (\$/A)	Break-even Operating ³ (\$/bu)	Total Specified Operating and Ownership Costs ⁴ (\$/A)	Break-even Price ⁵ (\$/bu)	Break-even Price With Land Costs ⁶ (\$/bu)	Returns Above Total Specified Costs ⁷ (\$/A)
Lincoln	99.0	\$170.11	\$44.20	\$1.72	\$214.31	\$2.17	\$2.89	(\$67.19)
Prairie	130.0	\$174.58	\$73.50	\$1.34	\$248.08	\$1.91	\$2.54	(\$54.80)
	114	172.35	58.85	1.53	231.20	2.04	2.72	(60.99)

Table 2. Economic Summary of Corn Fields in the 2004 CRVP.

COUNTY	Yield ¹ (Bu/A)	Total Specified Operating Costs ² (\$/A)	Specified Ownership Costs (\$/A)	Break-even Operating ³ (\$/Bu)	Total Specified Operating and Ownership Costs ⁴ (\$/A)	Break-even Price ⁵ (\$/Bu)	Break-even Price With Land Costs ⁶ (\$/Bu)	Returns Above Total Specified Costs ⁷ (\$/A)
Chicot	145.0	\$229.69	\$45.81	\$1.58	\$275.50	\$1.90	\$2.53	(\$56.91)
Desha	182.0	\$261.81	\$45.38	\$1.44	\$307.19	\$1.69	\$2.25	(\$32.83)
Lafayette	170.0	\$226.44	\$25.80	\$1.33	\$252.24	\$1.48	\$1.98	\$4.03
Little River	135.0	\$249.38	\$45.21	\$1.85	\$294.59	\$2.18	\$2.91	(\$91.08)
Monroe	175.0	\$279.62	\$44.88	\$1.60	\$324.50	\$1.85	\$2.47	(\$60.69)
Miller	135.0	\$234.87	\$30.60	\$1.74	\$265.47	\$1.97	\$2.62	(\$61.96)
Woodruff	162.0	\$273.02	\$47.01	\$1.69	\$320.03	\$1.98	\$2.63	(\$75.82)
	158	250.69	40.67	1.60	291.36	1.86	2.49	(53.61)

¹ Yields adjusted to 13 percent moisture.

² Specified out-of-pocket expenses, such as seed, fertilizer, herbicides, irrigation, etc.

³ Price per bushel required by the farmer to equal total specified operating costs. Does not include land, overhead, risk, and management cost.

⁴ Total specified operating costs plus ownership costs which include charges for depreciation and interest on all machinery and irrigation equipment, taxes, and insurance.

⁵ Price per bushel required by the farmer to equal total specified operating and ownership costs. Does not include land, overhead, risk,

⁶ Break-even price per bushel plus a 25 percent crop share rent. Does not include overhead, risk, and management costs.

⁷ A 25 percent crop share rent was assumed as a land charge for a renter situation. No cost sharing was assumed.

Average cash price of \$3.54/cwt (\$1.98/bushel) as reported in Grain Market News from August, 2004 through October, 2004.

Cash corn prices as reported in the Grain Market Newsletter were from August 1-October 25, 2002.