

GRAIN SORGHUM - ALABAMA Reduced Tillage- Enterprise Planning Budget Summary

Estimated Costs Per Acre

Note: To customize this budget, you may change any numbers in blue.

Following Recommended Management Practices

Yield Goal

75 bushels/acre

ALABAMA, 2017

NOTE: The following costs are estimates. Actual costs and quantities will vary from farm to farm.

The most important information will be contained in the "Your Farm " column that you provide.

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. VARIABLE COSTS					
Seed	1000K	55.00	0.22	12.10	_____
Seed Treatment	ACRE	1.00	9.50	9.50	_____
Tech Fee	ACRE	1.00	0.00	0.00	_____
Fertilizer					
Nitrogen*	UNITS	90.00	0.45	40.50	_____
Phosphate	UNITS	40.00	0.40	16.00	_____
Potash	UNITS	60.00	0.30	18.00	_____
Chicken Litter	TONS	0.00	0.00	0.00	_____
Micronutrients	ACRE	1.00	8.00	8.00	_____
Lime (Prorated)	TONS	0.33	35.00	11.55	_____
Herbicides	ACRE	1.00	20.00	20.00	_____
Insecticides	ACRE	3.00	10.00	30.00	_____
Fungicides	ACRE	1.00	0.00	0.00	_____
Nematicide	ACRE	1.00	0.00	0.00	_____
Consultant/Scouting Fee	ACRE	0.00	5.00	0.00	_____
Irrigation	AC/IN	0.00	12.00	0.00	_____
Drying	BU.	75.00	0.00	0.00	_____
Hauling	BU.	75.00	0.35	26.25	_____
Crop Insurance	ACRE	1.00	20.00	20.00	_____
Aerial Application	ACRE	0.00	9.00	0.00	_____
Cover Crop Establishment.	ACRE	1.00	20.00	20.00	_____
Land Rent	ACRE	1.00	0.00	0.00	_____
Labor (Wages & Fringe)	HOUR	1.05	12.50	13.13	_____
Tractor/Machinery	ACRE	1.00	19.50	19.50	_____
Interest on Operating Capital	DOL.	132.26	0.055	7.27	_____
TOTAL VARIABLE COST				\$271.80	_____
2. FIXED COSTS					
Tractor/Machinery	ACRE	1.00	36.00	36.00	_____
Irrigation	ACRE	0.00	125.00	0.00	_____
Land Ownership Cost	ACRE	1.00	0.00	0.00	_____
General Overhead	DOL.	271.80	0.08	21.74	_____
TOTAL FIXED COSTS				\$57.74	_____
3. TOTAL COST OF ALL SPECIFIED EXPENSES				\$329.54	_____

NET RETURNS PER ACRE ABOVE SPECIFIED VARIABLE EXPENSES AT VARYING YIELD AND PRICE LEVELS(1)

Yld Bu/acre	PRICE (\$/BU)				
	\$3.75	\$4.00	\$4.25	\$4.50	\$4.75
65	-\$24.55	-\$8.30	\$7.95	\$24.20	\$40.45
70	-\$7.55	\$9.95	\$27.45	\$44.95	\$62.45
75	\$9.45	\$28.20	\$46.95	\$65.70	\$84.45
80	\$26.45	\$46.45	\$66.45	\$86.45	\$106.45
85	\$43.45	\$64.70	\$85.95	\$107.20	\$128.45

FERTILIZER RATES BASED ON MED. LEVEL OF SOIL FERTILITY. SOIL TEST ARE RECOMMENDED ON INDIVIDUAL FIELDS. FERT & LIME COSTS REFLECT CUSTOM SPREADING.

* N rate 1.2 lb. N/Yield Goal Bushel

** Reduced Tillage recommendation of extra insecticide treatment

1 Production costs held constant except for drying and hauling

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Seed

14,000 seed/lb 50 700,000

60,000 lb/acre

11.67 acres/bag

110 cost per bag

9.43

Seed

9.5

190 cost per bag

16.28571

Treatment

6.785714

Plain seed	106	110
+concept	118	122
Concept +Insecticide	184	192