

# Grain Sorghum 2025

ESTIMATED COSTS AND RETURNS PER ACRE  
100 BUSHEL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
SORGHUM	BU.	100.00	\$5.26	\$526.00	_____
TOTAL RECEIPTS:				<b>\$526.00</b>	_____
<b>2. VARIABLE COSTS</b>					
GRAIN SORGHUM SEED	THOU.	100.00	\$0.25	\$25.00	_____
FERTILIZER					
UAN-32	LBS	300.00	\$0.15	\$45.00	_____
46% SUPERPHOSPHATE	LBS	62.00	\$0.35	\$21.70	_____
0-0-60 MURATE OF POTASH	LBS	40.00	\$0.23	\$9.20	_____
LIME SPREAD	TON	0.33	\$82.00	\$27.06	_____
HERBICIDES	ACRE	1.00	\$27.39	\$27.39	_____
INSECTICIDES	ACRE	1.00	\$2.02	\$2.02	_____
DRYING (3 POINTS)	BU.	105.83	\$0.20	\$21.17	_____
HAULING	BU.	100.00	\$0.15	\$15.00	_____
FERTILIZER SPREADING	ACRE	1.00	\$12.00	\$12.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$54.78	\$54.78	_____
LABOR	HRS	1.26	\$15.81	\$19.92	_____
INTEREST ON OP. CAP.	DOL.	\$116.04	5.375%	\$6.24	_____
TOTAL VARIABLE COSTS:				<b>\$286.48</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$239.52</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$61.58	\$61.58	_____
TOTAL FIXED COSTS:				<b>\$61.58</b>	_____
<b>5. OTHER COSTS</b>					
GENERAL OVERHEAD	DOL.	\$286.48	7.0%	\$20.05	_____
TOTAL OTHER COSTS:				<b>\$20.05</b>	_____
<b>6. TOTAL COSTS:</b>				<b>\$368.11</b>	_____
<b>7. NET RETURNS TO LAND, RISK, AND MANAGEMENT:</b>				<b>\$157.89</b>	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	51 BU.	VARIABLE COSTS	\$2.86
TOTAL COSTS	68 BU.	TOTAL COSTS	\$3.68

\* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

**SORGHUM FOR GRAIN**

**PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR SORGHUM**

MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	TANDOM LIGHT DISK 20'	1.00	0.14	0.12	\$3.80	\$5.02
4	PLANTER 12-ROW	1.00	0.12	0.10	\$5.44	\$15.80
9	COMBINE LARGE W/ HEADER 30'	1.00	0.14	0.12	\$38.47	\$36.88
9	GRAIN CART 1100	1.00	0.16	0.13	\$7.07	\$3.88
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.56	0.47	\$54.78	\$61.58
UNALLOCATED LABOR(HRS./AC.)			0.70			

**INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES**

YIELD	----- PRICE (\$/bu.) -----				
BU.	\$4.73	\$5.00	\$5.26	\$5.52	\$5.79
90	\$142.84	\$167.14	\$190.54	\$213.94	\$238.24
95	\$164.68	\$190.33	\$215.03	\$239.73	\$265.38
100	\$186.52	\$213.52	\$239.52	\$265.52	\$292.52
105	\$208.37	\$236.72	\$264.02	\$291.32	\$319.67
110	\$230.21	\$259.91	\$288.51	\$317.11	\$346.81

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