

Estimate of 2021 Relative Row Crop Costs and Net Returns

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Strip-Tillage	IRRIGATED					NON-IRRIGATED				
	Cotton	Peanuts	Corn	Soybeans	Grain Sorghum	Cotton	Peanuts	Corn	Soybeans	Grain Sorghum
EXPECTED YIELD per ACRE	1,200 lbs	4,700 lbs	200 bu	60 bu	100 bu	750 lbs	3,400 lbs	85 bu	30 bu	65 bu
EXPECTED SEASON AVG PRICE	\$0.75 /lb	\$450 /ton	\$4.85 /bu	\$10.75 /bu	\$4.50 /bu	\$0.75 /lb	\$450 /ton	\$4.85 /bu	\$10.75 /bu	\$4.50 /bu
GROSS RETURN per ACRE	\$900	\$1,058	\$970	\$645	\$450	\$563	\$765	\$412	\$323	\$293
VARIABLE COSTS per ACRE										
Seed	103	126	121	60	24	103	126	76	60	15
Cover Crop Seed*										
BWEP	2					1				
Fertilizer & Lime**	110	67	230	63	130	83	67	90	63	81
Chicken Litter										
Chemicals	111	199	49	65	28	96	168	45	35	28
Custom Application										
Handweeding	15	15				15	15			
Scouting	10	10				10	10			
Fuel and Lube***	22	26	12	11	13	22	26	12	11	13
Repairs and Maintenance	38	45	19	16	18	38	45	19	15	18
Irrigation****	55	39	55	31	24					
Labor	16	28	12	10	12	16	28	12	10	12
Insurance	10	18	15	10	19	18	25	22	16	17
Land Rent										
Other										
Interest on Operating Capital	14	16	14	7	7	11	14	8	6	5
Gin & Warehouse (net after cottonseed)	47					30				
Drying and Cleaning		63	61		31		45	26		20
Marketing and Fees		15					11			
TOTAL VARIABLE COSTS per ACRE	\$553	\$666	\$588	\$274	\$305	\$443	\$580	\$309	\$217	\$208
RETURN ABOVE VARIABLE COST per ACRE	\$347	\$391	\$382	\$371	\$145	\$120	\$185	\$103	\$106	\$84
BREAKEVEN PRICE (Variable Cost)	\$0.46 /lb	\$284 /ton	\$2.94 /bu	\$4.57 /bu	\$3.05 /bu	\$0.59 /lb	\$341 /ton	\$3.63 /bu	\$7.23 /bu	\$3.21 /bu
BREAKEVEN YIELD per ACRE (Variable Cost)	737 lbs	2,962 lbs	121 bu	25 bu	68 bu	590 lbs	2,579 lbs	64 bu	20 bu	46 bu
FIXED COSTS per ACRE										
Machinery and Equipment	154	132	71	63	68	154	132	71	63	68
Irrigation	130	130	130	130	130					
Buildings										
Miscellaneous Overhead	28	33	29	14	15	22	29	15	11	10
TOTAL SPECIFIED FIXED COSTS per ACRE	\$312	\$295	\$230	\$207	\$213	\$177	\$161	\$86	\$74	\$79
TOTAL COST EXCL. LAND & MGT per ACRE	\$865	\$962	\$819	\$481	\$519	\$619	\$741	\$395	\$291	\$287
RETURN TO LAND AND MGT per ACRE	\$35	\$96	\$151	\$164	-\$69	-\$57	\$24	\$17	\$31	\$6
BREAKEVEN PRICE (Total Costs)	\$0.72 /lb	\$409 /ton	\$4.09 /bu	\$8.02 /bu	\$5.19 /bu	\$0.83 /lb	\$436 /ton	\$4.65 /bu	\$9.70 /bu	\$4.41 /bu
BREAKEVEN YIELD per ACRE	1,153 lbs	4,275 lbs	169 bu	45 bu	115 bu	826 lbs	3,295 lbs	81 bu	27 bu	64 bu

* Value only if cover crop is not harvested, i.e. wheat for grain, etc.

** Expected fertilizer \$/lb.of nutrient: N= \$0.45 P= \$0.38 K= \$0.30

*** Weighted average of diesel and electric irrigation application costs. Electric is estimated at \$7/appl and diesel is estimated at \$10/appl when diesel cost \$2.00/gal.

**** Season Average Diesel Fuel Price: \$2.00 per Gallon