

Estimate of 2022 Relative Row Crop Costs and Net Returns

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[[Due to extreme volatility in input markets, prices may change rapidly. You are encouraged to enter your own prices to best estimate your 2022 cost of

Conventional Tillage	IRRIGATED						NON-IRRIGATED						
	Cotton	Peanuts	Corn	Soybeans	Grain Sorghum	Grain	Cotton	Peanuts	Corn	Soybeans	Grain Sorghum	Int Mgmt Wheat	Wheat
EXPECTED YIELD per ACRE	1,200 lbs	4,700 lbs	200 bu	60 bu	100 bu	100 bu	750 lbs	3,400 lbs	85 bu	30 bu	65 bu	75 bu	55 bu
EXPECTED SEASON AVG PRICE	\$0.90 /lb	\$440 /ton	\$6.00 /bu	\$11.50 /bu	\$5.80 /bu	\$5.80 /bu	\$0.90 /lb	\$440 /ton	\$6.00 /bu	\$11.50 /bu	\$5.80 /bu	\$7.00 /bu	\$7.00 /bu
GROSS RETURN per ACRE	\$1,080	\$1,034	\$1,200	\$690	\$580	\$580	\$675	\$748	\$510	\$345	\$377	\$525	\$385
VARIABLE COSTS per ACRE													
Seed	95	123	122	62	25	25	95	130	76	62	15	65	43
BWEP	2						1						
Fertilizer & Lime*	222	70	503	112	269	269	160	70	194	112	172	223	157
Chicken Litter													
Chemicals													
Custom Application	125	181	38	60	29	29	136	153	38	41	29	57	46
Hand Weeding													
Scouting	18	18	13				18	18					
Fuel and Lube**	13	13	53	22	23	23	13	13	22	20	23	33	20
Repairs and Maintenance	33	53	24	20	20	20	33	53	24	20	21	23	15
Irrigation***	44	57	76	47	38	38	44	57	24	20	21	23	15
Labor	76	57	14	12	14	14	14	35	15	12	14	17	10
Insurance	14	35	21				35	43	35	20	24	13	17
Land Rent	19	31											
Other													
Interest on Operating Capital	18	18	23	10	12	12	15	16	11	8	8	12	9
Gin & Warehouse (net after cottonseed)	47	63	61		31	31	30	45	26		20	7	5
Drying and Cleaning													
Marketing and Fees		15						11					
TOTAL VARIABLE COSTS per ACRE	\$725	\$733	\$904	\$356	\$489	\$489	\$594	\$644	\$441	\$296	\$325	\$458	\$331
RETURN ABOVE VARIABLE COST per ACRE	\$355	\$301	\$296	\$334	\$91	\$91	\$81	\$104	\$69	\$49	\$52	\$67	\$54
BREAK-EVEN PRICE (Variable Cost)	\$0.60 /lb	\$312 /ton	\$4.52 /bu	\$5.93 /bu	\$4.89 /bu	\$4.89 /bu	\$0.79 /lb	\$379 /ton	\$5.19 /bu	\$9.87 /bu	\$5.01 /bu	\$6.10 /bu	\$6.01 /bu
BREAK-EVEN YIELD per ACRE (Variable Cost)	806 lbs	3,332 lbs	151 bu	31 bu	84 bu	84 bu	660 lbs	2,927 lbs	74 bu	26 bu	56 bu	65 bu	47 bu
FIXED COSTS per ACRE													
Machinery and Equipment	186	170	87	68	66	66	186	170	87	68	66	77	54
Irrigation	135	135	135	135	135	135							
Buildings													
Miscellaneous Overhead	36	37	45	18	24	24	30	32	22	15	16	23	17
TOTAL SPECIFIED FIXED COSTS per ACRE	\$357	\$342	\$267	\$221	\$226	\$226	\$215	\$202	\$109	\$83	\$83	\$100	\$71
TOTAL COST EXCL. LAND & MGT per ACRE	\$1,082	\$1,075	\$1,171	\$577	\$714	\$714	\$809	\$846	\$550	\$379	\$408	\$557	\$401
RETURN TO LAND AND MGT per ACRE	-\$2	-\$41	\$29	\$113	-\$134	-\$134	-\$134	-\$98	-\$40	-\$34	-\$31	-\$32	-\$16
BREAK-EVEN PRICE (Total Costs)	\$0.90 /lb	\$457 /ton	\$5.86 /bu	\$9.62 /bu	\$7.14 /bu	\$7.14 /bu	\$1.08 /lb	\$498 /ton	\$6.47 /bu	\$12.64 /bu	\$6.28 /bu	\$7.43 /bu	\$7.29 /bu
BREAK-EVEN YIELD per ACRE	1,202 lbs	4,884 lbs	195 bu	50 bu	123 bu	123 bu	899 lbs	3,846 lbs	92 bu	33 bu	70 bu	80 bu	57 bu

* Expected fertilizer \$/lb. of nutrient: N= \$1.10 P= \$0.70 K= \$0.72

** Season Average Diesel Fuel price: \$3.00 per Gallon

*** Weighted average of diesel and electric irrigation application costs. Electric is estimated at \$7/appl and diesel is estimated at \$13/appl when diesel cost \$3/gal.



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Strip-Tillage	IRRIGATED						NON-IRRIGATED					
	Cotton 1,200 lbs	Peanuts 4,700 lbs	Corn 200 bu	Soybeans 60 bu	Sorghum 100 bu	Grain	Cotton 750 lbs	Peanuts 3,400 lbs	Corn 85 bu	Soybeans 30 bu	Sorghum 65 bu	Grain
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	\$0.90 /lb	\$440 /ton	\$6.00 /bu	\$11.50 /bu	\$5.80 /bu	\$580	\$0.90 /lb	\$440 /ton	\$6.00 /bu	\$11.50 /bu	\$5.80 /bu	
GROSS RETURN per ACRE	\$1,080	\$1,034	\$1,200	\$690	\$580	\$580	\$675	\$748	\$510	\$345	\$377	
VARIABLE COSTS per ACRE												
Seed	105	123	122	62	25	25	105	123	79	62	15	
Cover Crop Seed*												
BWEP	2						1					
Fertilizer & Lime**	222	70	503	112	269	269	160	70	194	112	172	
Chicken Litter												
Chemicals	141	205	68	63	29	29	166	178	54	44	29	
Custom Application												
Handweeding	18	18					18	18				
Scouting	13	13					13	13				
Fuel and Lube****	33	38	18	17	19	19	33	38	18	17	19	
Repairs and Maintenance	42	47	20	16	16	16	42	47	20	16	16	
Irrigation****	66	47	66	38	28	28						
Labor	14	27	12	9	11	11	14	27	12	9	11	
Insurance	19	31	21	12	27	27	35	43	35	20	24	
Land Rent												
Other												
Interest on Operating Capital	19	17	23	9	12	12	16	15	11	8	8	
Gin & Warehouse (net after cottonseed)	47						30					
Drying and Cleaning		63	61		31	31		45	26			
Marketing and Fees		15						11				
TOTAL VARIABLE COSTS per ACRE	\$740	\$714	\$914	\$338	\$467	\$467	\$632	\$628	\$449	\$288	\$313	
RETURN ABOVE VARIABLE COST per ACRE	\$340	\$320	\$286	\$352	\$113	\$113	\$43	\$120	\$61	\$57	\$64	
BREAKEVEN PRICE (Variable Cost)	\$0.62 /lb	\$304 /ton	\$4.57 /bu	\$5.63 /bu	\$4.67 /bu	\$4.67	\$0.84 /lb	\$369 /ton	\$5.28 /bu	\$9.59 /bu	\$4.82 /bu	
BREAKEVEN YIELD per ACRE (Variable Cost)	822 lbs	3,245 lbs	152 bu	29 bu	81 bu	81 bu	702 lbs	2,854 lbs	75 bu	25 bu	54 bu	
FIXED COSTS per ACRE												
Machinery and Equipment	183	137	75	61	54	54	183	137	75	61	54	
Irrigation	135	135	135	135	135	135						
Buildings												
Miscellaneous Overhead	37	36	46	17	23	23	32	31	22	14	16	
TOTAL SPECIFIED FIXED COSTS per ACRE	\$355	\$307	\$256	\$213	\$212	\$212	\$215	\$168	\$98	\$75	\$70	
TOTAL COST EXCL. LAND & MGT per ACRE	\$1,095	\$1,021	\$1,169	\$550	\$679	\$679	\$847	\$796	\$546	\$363	\$383	
RETURN TO LAND AND MGT per ACRE	-\$15	\$13	\$31	\$140	-\$99	-\$99	-\$172	-\$48	-\$36	-\$18	-\$6	
BREAKEVEN PRICE (Total Costs)	\$0.91 /lb	\$435 /ton	\$5.85 /bu	\$9.17 /bu	\$6.79 /bu	\$6.79	\$1.13 /lb	\$468 /ton	\$6.43 /bu	\$12.09 /bu	\$5.89 /bu	
BREAKEVEN YIELD per ACRE	1,217 lbs	4,641 lbs	195 bu	48 bu	117 bu	117 bu	941 lbs	3,618 lbs	91 bu	32 bu	66 bu	

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

** Expected fertilizer \$/lb. of nutrient:

N = \$1.10 P = \$0.70 K = \$0.72

*** Weighted average of diesel and electric irrigation application costs. Electric is estimated at \$7/appl and diesel is estimated at \$13/appl when diesel cost \$3/gal.
 **** Season Average Diesel Fuel Price: \$3.00 per Gallon

