

60 HEAD: STOCKER-STEER BUDGET (STOCKPILED NOVEL ENDOPHYTE FESCUE);
 ESTIMATED COSTS AND RETURNS; USING RECOMMENDED MANAGEMENT PRACTICES;

400 LBS. BEG. WT.;	200 TOTAL DAYS STOCKER PROGRAM;	MAY FUTURES CONTRACT PRICE
1.80 LBS. ADG.;	30 DAYS OF BACKGROUNDING FEED REQUIRED;	\$257.73 PER CWT.
675 LBS.STOCKED/AC;	60 DAYS OF SUPPLEMENTAL FEED REQUIRED;	MAY FEEDER CATTLE BASIS
1.69 HD.STOCKED/AC;	745 LBS. ENDING WEIGHT W/ 2 % SHRINK	-\$13.00 PER CWT.

ALABAMA, 2023-2024

ITEM	HEAD	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL VALUE/COST	\$/HEAD SOLD	% OF TOTAL
1. GROSS RECEIPTS							
FEEDER CATTLE	59.00	CWT.	7.45	244.73	107,542.19	1822.75	100.00%
2. VARIABLE COST							
STOCKER CALVES	60.00	CWT.	4.00	273.00	65,520.00	1110.51	66.68%
FESCUE GRAZING		ACRE	36.00	226.26	8,145.36	138.06	8.29%
SALT & MIN.		CWT.	22.50	50.00	1,125.00	19.07	1.14%
HAY -- BACKGROUNDING		TON	5.40	150.00	810.00	13.73	0.82%
HAY -- SUPPLEMENTAL		TON	14.40	150.00	2,160.00	36.61	2.20%
BACKGROUNDING FEED		TON	3.60	370.00	1,332.00	22.58	1.36%
SUPPLEMENTAL FEED		TON	10.80	370.00	3,996.00	67.73	4.07%
VET & MED		HD.	60.00	26.00	1,560.00	26.44	1.59%
LABOR		HR.	240.00	14.00	3,360.00	56.95	3.42%
LAND RENTAL		ACRE	24.00	24.00	576.00	9.76	0.59%
MARKETING EXPENSES		HD.	59.00	36.45	2,150.84	36.45	2.19%
BEEF PROMOTION FEE		HD.	59.00	2.00	118.00	2.00	0.12%
EQUIPMENT (REPAIR)		DOL.			333.00	5.64	0.34%
INTEREST ON OP. CAP.		DOL.	46,347.05	0.0800	3,707.76	62.84	3.77%
TOTAL VARIABLE COSTS					94,893.97	1608.37	96.57%
3. INCOME ABOVE VARIABLE COST					12,648.23	214.38	
4. FIXED COST							
GENERAL OVERHEAD		HD.	60.00	2.50	150.00	2.54	0.15%
FESCUE GRAZING		ACRE	36.00	24.68	888.48	24.68	1.48%
INT. ON BLDG. AND EQUIPMENT		DOL.	10,260.12	0.0650	666.91	11.30	0.68%
DEPR. ON BLDG. AND EQUIP.		DOL.			1,522.14	25.80	1.55%
OTHER F.C. ON BLDG. & EQUIP.		DOL.			142.63	2.42	0.15%
TOTAL FIXED COSTS					3,370.16	57.12	4.01%
5. TOTAL COST OF ALL SPECIFIED EXPENSES					98,264.12	1665.49	100.58%
6. NET RETURN ABOVE TOTAL COSTS					9,278.07	157.26	
VALUE OF FEEDER CATTLE PER HEAD (\$/HD SOLD)					1,822.75		
COST OF PURCHASED STOCKER CALVES PER HEAD (\$/HD SOLD)					1,110.51		
3.38 CWT. OF GAIN/HD. SOLD;					712.24		
GROSS MARGIN (\$/HD SOLD)							
TOTAL PRODUCTION COST PER HEAD (\$/HD SOLD)					554.99		
VALUE OF GAIN PER CWT. (\$/CWT)					210.71		
COST OF GAIN PER CWT.:							
TO COVER VARIABLE COSTS (\$/CWT)					147.29		
TO COVER TOTAL COSTS (\$/CWT)					164.19		
NET RETURNS PER HEAD SOLD:							
ABOVE VARIABLE COSTS (\$/HD)					214.38		
ABOVE TOTAL COSTS (\$/HD)					157.26		
BREAKEVEN FEEDER PRICE:							
TO COVER VARIABLE COSTS (\$/CWT)					215.95		
TO COVER TOTAL COSTS (\$/CWT)					223.62		
MAXIMUM STOCKER PURCH. PRICE:							
TO COVER VARIABLE COSTS (\$/CWT)					323.64		
TO COVER TOTAL COSTS (\$/CWT)					309.60		

THESE ESTIMATES SHOULD BE USED AS GUIDES FOR PLANNING PURPOSES ONLY.

60 HEAD: STOCKER-STEER BUDGET (STOCKPILED NOVEL ENDOPHYTE FESCUE);

FACILITIES AND EQUIPMENT

ITEM	ESTIMATED COST	NUMBER	PROPORTION CHARGED	TOTAL CHARGED	SALVAGE VALUE(%)	YEARS OF LIFE
FENCING	12,197	1.00	0.67	8,171.99	0.00	15.00
CORRAL	8,000	1.00	0.67	5,360.00	0.00	15.00
FEED BUNK	450	1.00	0.67	301.50	0.00	10.00
WATER TANK, ETC.	750	1.00	0.67	502.50	0.00	10.00
MINERAL FEEDER	275	1.00	0.67	184.25	0.00	10.00
PICKUP	50,000	1.00	0.10	5,000.00	20.00	7.00
TOTAL				19,520.24		

SENSITIVITY OF NET RETURN PER HEAD ABOVE TOTAL COSTS
AT VARIOUS WEIGHT GAINS AND PURCHASE/SELLING PRICES(1)

400	Price Paid For # Stocker Calves, Steers, (\$/Cwt.)	Total Weight Gain Per Head (Lbs.)	Price Received For Feeder Cattle, Steers, (\$/Cwt.)				
			234.73	239.73	244.73	249.73	254.73
			----- dollars / head -----				
		295	7.87	42.61	77.35	112.09	146.83
	263.00	345	125.24	162.48	199.72	236.96	274.20
		395	242.60	282.34	322.08	361.82	401.56
		295	-13.36	21.38	56.12	90.86	125.60
	268.00	345	130.52	167.76	205.00	242.24	279.48
		395	247.88	287.62	327.36	367.10	406.84
		295	-34.59	0.15	34.89	69.63	104.37
	273.00	345	82.78	120.02	157.26	194.50	231.74
		395	200.14	239.88	279.62	319.36	359.10
		295	-55.82	-21.08	13.66	48.40	83.14
	278.00	345	61.54	98.78	136.02	173.26	210.50
		395	178.91	218.65	258.39	298.13	337.87
		295	-77.05	-42.31	-7.57	27.17	61.91
	283.00	345	40.31	77.55	114.79	152.03	189.27
		395	157.68	197.42	237.16	276.90	316.64

(1) PRODUCTION COSTS ARE HELD CONSTANT.

REFERENCES: KEN KELLEY, REGIONAL EXTENSION AGENT
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Notes and Assumptions

- 1 Stocking rate is 675#/Acre
- 2 Mineral is consumed at 3 oz/day/animal
- 3 Hay is consumed at 8lb/head/day for cattle over 450 lbs.
- 4 Hay is consumed at 6lb/head/day for cattle under 450 lbs.
- 5 Starter/Reciever feed is consumed at 5lb/head/day
- 6 Backgrounding feed is consumed at 1% of body weight/head/day
- 7 Supplemental feed for cattle over 450 lbs is consumed at 1.5% of body weight/head/day
- 9 Labor is allocated at 4 hours per head purchased
- 10 Labor price is derived from USDA Regional Gross Wage rates for livestock workers
- 11 Average Alabama Pasture Rental Rates are derived from USDA Land Rent Estimates for Alabama
- 12 Marketing expenses are estimated to be 2% feeder cattle sales price
- 13 Grazing costs are taken from the ACES Fescue Grazing Budget