

60 HEAD: STOCKER-STEER BUDGET (WINTER GRAZING WITH SUPPLEMENTAL RATION);
 ESTIMATED COSTS AND RETURNS; USING RECOMMENDED MANAGEMENT PRACTICES;

400 LBS. BEG. WT.;						
2.60 LBS. ADG;	2.00 % DEATH LOSS;				MAY FUTURES CONTRACT PRICE	
800 LBS. STOCKED/AC;	200 TOTAL DAYS IN STOCKER PROGRAM;				\$133.35 PER CWT.	
2.00 HD. STOCKED/AC;	14.00 DAYS OF STARTER/RECEIVING FEED REQUIRED; 5LB./DAY				MAY FEEDER CATTLE BASIS	
60 % GRAIN IN RATION	8 LBS. OF SUPPLEMENT FED/HD./DAY*;				-\$12.00 PER CWT.	
	902 LBS. ENDING WEIGHT W/ 2 % SHRINK;					

ALABAMA, 2019-2020

ITEM	HEAD	UNIT	QUANTITY	PRICE OR COST/UNIT	Total Value/Cost	\$/Head Sold	% Of Total
1. GROSS RECEIPTS							
FEEDER CATTLE	59.00	CWT.	9.02	121.35	64,580.04	1,094.58	100.00%
2. VARIABLE COST							
STOCKER CALVES	60.00	CWT.	4.00	150.00	36,000.00	610.17	57.07%
WINTER GRAZING		ACRE	30.00	161.29	4,838.70	82.01	7.67%
SALT & MIN.		CWT.	22.50	30.00	675.00	11.44	1.07%
STARTER/RECEIVING FEED		TON	2.10	250.00	525.00	8.90	0.83%
GRAIN & BY-PRODUCT SUPPLEMENT		TON	47.60	175.00	8,330.00	141.19	13.20%
HAY		TON	5.95	175.00	1,041.25	17.65	1.65%
NET & MED		HD.	60.00	23.89	1,433.40	24.29	2.27%
LABOR		HR.	300.00	14.23	4,269.00	72.36	6.77%
LAND RENTAL		AC.	30.00	22.00	660.00	11.19	1.05%
MARKETING EXPENSES		HD.	59.00	21.89	1,291.60	21.89	2.05%
BEEF PROMOTION FEE		HD.	59.00	2.00	118.00	2.00	0.19%
EQUIPMENT (REPAIR)		DOL.			244.92	4.15	0.39%
INTEREST ON OP. CAP.		DOL.	27,288.68	0.0600	1,637.32	27.75	2.60%
TOTAL VARIABLE COSTS					61,064.19	1,034.99	96.80%
3. INCOME ABOVE VARIABLE COST					3,515.85	59.59	
4. FIXED COST							
GENERAL OVERHEAD		HD.	60.00	2.50	150.00	2.54	0.24%
WINTER GRAZING		ACRE	30.00	8.31	249.30	4.23	0.40%
INT. ON BLDG. AND EQUIP.		DOL.	6,838.10	0.0650	444.48	7.53	0.70%
DEPR. ON BLDG. AND EQUIP.		DOL.			1,083.41	18.36	1.72%
OTHER F.C. ON BLDG. & EQUIP.		DOL.			93.51	1.58	0.15%
TOTAL FIXED COSTS					2,020.69	34.25	3.20%
5. TOTAL COST OF ALL SPECIFIED EXPENSES					63,084.89	1,069.24	100.00%
6. NET RETURN ABOVE TOTAL COSTS					1495.16	25.34	
VALUE OF FEEDER CATTLE PER HEAD (\$/HD SOLD)					1094.58		
COST OF PURCHASED STOCKER CALVES PER HEAD (\$/HD SOLD)					610.17		
4.95 CWT. OF GAIN/HD SOLD; GROSS MARGIN (\$/HD SOLD)					484.41		
TOTAL PRODUCTION COST PER HEAD (\$/HD SOLD)					459.07		
VALUE OF GAIN PER CWT. (\$/CWT)					97.82		
COST OF GAIN PER CWT.: TO COVER VARIABLE COSTS (\$/CWT)					85.78		
TO COVER TOTAL COSTS					92.70		
NET RETURNS PER HEAD SOLD: ABOVE VARIABLE COSTS (\$/HD)					59.59		
ABOVE TOTAL COSTS (\$/HD)					25.34		
BREAKEVEN FEEDER PRICE: TO COVER VARIABLE COSTS (\$/CWT)					114.74		
TO COVER TOTAL COSTS (\$/CWT)					118.54		
MAXIMUM STOCKER PURCH. PRICE: TO COVER VARIABLE COSTS (\$/CWT)					164.44		
TO COVER TOTAL COSTS (\$/CWT)					156.03		

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

*RESEACH HAS SHOWN AN OPTIMAL SUPPLEMENTATION RATE OF 0.75 TO 1.00 PERCENT OF AVERAGE BODY WEIGHT FOR GRAZING CATTLE.

60 HEAD: STOCKER-STEER BUDGET (WINTER GRAZING WITH SUPPLEMENTAL RATION);

FACILITIES AND EQUIPMENT	ESTIMATED	PROPORTION	TOTAL	SALVAGE	YEARS
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ITEM	COST	NUMBER	CHARGED	CHARGED	VALUE(%)	OF LIFE
FENCING	2,050	1.00	0.67	1,373.50	0.00	15.00
CORRAL	3,500	1.00	0.67	2,345.00	0.00	15.00
FEED BUNK	450	2.00	0.67	603.00	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
P.T.O. GRINDER & MIXER	5,350	1.00	0.67	3,584.50	10.00	10.00
TRACTOR	15,000	1.00	0.10	1,500.00	25.00	10.00
PICKUP	23,750	1.00	0.10	2,375.00	20.00	7.00
TOTAL				12,467.75		

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

Price Paid For 400 # Stocker Calves Steers, (\$/Cwt.)	Total Weight Gain Per Head (Lbs.)	Price Received For Feeder Cattle Steers, (\$/Cwt.)				
		111.35	116.35	121.35	126.35	131.35
		----- dollars / head -----				
140.00	452	-60.87	-18.27	24.33	66.93	109.53
	502	-5.19	39.91	85.01	130.11	175.21
	552	50.48	98.08	145.68	193.28	240.88
145.00	452	-81.88	-39.28	3.32	45.92	88.52
	502	-26.20	18.90	64.00	109.10	154.20
	552	29.47	77.07	124.67	172.27	219.87
150.00	452	-102.89	-60.29	-17.69	24.91	67.51
	502	-47.21	-2.11	42.99	88.09	133.19
	552	8.46	56.06	103.66	151.26	198.86
155.00	452	-123.89	-81.29	-38.69	3.91	46.51
	502	-68.22	-23.12	21.98	67.08	112.18
	552	-12.54	35.06	82.66	130.26	177.86
160.00	452	-144.90	-102.30	-59.70	-17.10	25.50
	502	-89.23	-44.13	0.97	46.07	91.17
	552	-33.55	14.05	61.65	109.25	156.85

(1) PRODUCTION COSTS ARE HELD CONSTANT.

REFERENCES: KEN KELLEY, REGIONAL EXTENSION AGENT
KIM MULLENIX, EXTENSION ANIMAL SCIENTIST
SOREN RODNING, EXTENSION VETERINARIAN
MAX RUNGE, EXTENSION ECONOMIST