



BAHIAGRASS HAY BUDGET (ROUND BALE)

BAHIAGRASS HAY- ROUND BALE
 ESTIMATED ANNUAL COSTS AND RETURNS PER ACRE
 FOLLOWING RECOMMENDED MANAGEMENT PRACTICES
 ALABAMA, 2018
 NOTE: Changes can be made ONLY in the HIGHLIGHTED cells.

ITEM	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
HAY	TONS	4.00	100.00	400.00	
2. VARIABLE COSTS					
SOIL TEST	ACRE	1.00	1.00	1.00	
FERTILIZER					
NITROGEN	LBS.	120.00	0.45	54.00	
PHOSPHATE	LBS.	40.00	0.40	16.00	
POTASH	LBS.	40.00	0.30	12.00	
HERBICIDE (PRORATED)	ACRE	2.00	6.85	13.70	
LIME (PRORATED)	TONS	0.33	40.00	13.20	
LABOR (WAGES & FRINGE)	HOUR	5.80	12.50	72.46	
LAND RENT	ACRE	1.00	22.00	22.00	
TRACTOR & EQUIPMENT	ACRE	1.00	43.82	43.82	
INTEREST ON OP. CAP.	DOL.	61.79	0.0575	3.55	
TOTAL VARIABLE COST				251.73	
3. INCOME ABOVE VARIABLE COSTS				148.27	
4. FIXED COSTS					
TRACTOR & EQUIPMENT	ACRE	1.00	47.48	47.48	
PRORATED ESTAB. COST	DOL.	336.68	0.10	33.67	
GENERAL OVERHEAD	DOL.	251.73	0.0800	20.14	
TOTAL FIXED COSTS				101.29	
5. TOTAL OF ALL SPECIFIED COSTS				353.02	
6. NET RETURNS ABOVE ALL SPECIFIED EXPENSES				46.98	
7. BREAK-EVEN PRICE PER TON				88.25	

Fertilizer rates used (120-40-40) are based on medium level of soil

Soil testing is recommended annually on individual hay fields; one soil test
Sample involves pulling approximately 20 cores over 10 acres.
Cost is about \$10 per sample.Fertilizer and lime costs reflect custom spreading;
For establishmen costs, see establishment budget.

These estimates should be used as guides for planning purposes only.

BAHIAGRASS FOR HAY-ROUND BALE

ALABAMA, 2018

Per acre machinery and labor requirements for typical operations.

OPERATION *	MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
----- per trip -----						
Spray (Broadcast) 27'	May	1.00	0.07	0.06	0.83	0.86
Hay Disc Mower 8'	June	1.00	0.28	0.26	3.70	3.64
Hay Tedder 17'	June	1.00	0.11	0.10	1.54	1.70
Hay Rake Double 17"	June	1.00	0.11	0.10	1.04	1.05
Large Round Baler	June	1.00	0.23	0.21	7.27	8.40
Hay Trailer 20'	June	1.00	0.10	0.09	0.78	0.75
Hay Disc Mower 8'	July	1.00	0.29	0.26	3.70	3.64
Hay Tedder 17'	July	1.00	0.11	0.10	1.54	1.70
Hay Rake Double 17"	July	1.00	0.11	0.10	1.04	1.05
Large Round Baler	July	1.00	0.23	0.21	7.27	8.40
Hay Trailer 20'	July	1.00	0.10	0.09	0.78	0.75
Hay Disc Mower 8'	August	1.00	0.29	0.26	3.70	3.64
Hay Tedder 17'	August	1.00	0.11	0.10	1.54	1.70
Hay Rake Double 17"	August	1.00	0.11	0.10	1.04	1.05
Large Round Baler	August	1.00	0.23	0.21	7.27	8.40
Hay Trailer 20'	August	1.00	0.10	0.09	0.78	0.75
PER ACRE TOTALS FOR						
SELECTED OPERATIONS			2.58	2.34	43.82	47.48
UNALLOCATED LABOR(HRS./AC.)			3.22			

* THE NUMBER AND DATES OF YOUR OPERATIONS MAY VARY WITH REGION, VARIETY
AND WEATHER CONDITIONS.

NET RETURNS PER ACRE ABOVE ALL SPECIFIED EXPENSES AT VARYING YIELDS AND SELLING PRICES (1)

PRICE PER TON (DOLLARS)

	80	90	100	110	120
YIELD TON/AC.	----- (dollars/acre) -----				
2.00	(193)	(173)	(153)	(133)	(113)
3.00	(113)	(83)	(53)	(23)	7
4.00	(33)	7	47	87	127
5.00	47	97	147	197	247

6.00	127	187	247	307	367
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(1) Production costs are held constant.

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