

CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

HYBRID BERMUDAGRASS - ESTABLISHMENT

ESTIMATED COSTS OF ESTABLISHING JANUARY-FEBRUARY SPRIGGING

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. VARIABLE COSTS					
SPRIGGING	ACRE	1.00	\$175.00	\$175.00	40.00
FERTILIZER					
NITROGEN	LBS	30.00	\$0.77	\$23.10	40.00
PHOSPHATE	LBS	60.00	\$0.49	\$29.40	40.00
POTASH	LBS	100.00	\$0.33	\$33.00	40.00
LIQ. NITROGEN (SPREAD) *****	LBS	45.00	\$0.40	\$18.00	40.00
LIME (SPREAD)	TON	1.00	\$45.00	\$45.00	40.00
HERBICIDES	ACRE	1.00	\$15.28	\$15.28	40.00
CUSTOM SPREAD	ACRE	1.00	\$10.00	\$10.00	40.00
TRACTOR/MACHINERY	ACRE	1.00	\$10.33	\$10.33	40.00
LABOR	HRS	2.07	\$9.50	\$19.67	40.00
INTEREST ON OP. CAP.	DOL.	\$189.39	5.0%	\$9.47	40.00
TOTAL VARIABLE COSTS:				\$388.25	\$440.00
2. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$11.43	\$11.43	
TOTAL FIXED COSTS:				\$11.43	\$0.00
3. OTHER COSTS					
LAND RENT	ACRE	1.00	\$40.00	\$40.00	40.00
GENERAL OVERHEAD	DOL.	\$388.25	7.0%	\$27.18	40.00
TOTAL OTHER COSTS:				\$67.18	\$80.00
4. TOTAL COSTS:				\$466.86	\$520.00

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

** ONE HAY CUTTING IN SEPT. MAY BE POSSIBLE.

*** USE THIS BUDGET WITH THE BERMUDA HAY OR PASTURE BUDGET.

**** LIME AND FERTILIZER RATES SHOULD BE BASED ON SOIL TEST.

***** LIQ. NITROGEN TO BE APPLIED IN MID-SUMMER IF NECESSARY

PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR BERMUDAGRASS - ESTABLISHMENT						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
3	CHISEL PLOW 14'	1.00	0.19	0.17	\$2.52	\$2.79
3	HEAVY DISK 14'	1.00	0.17	0.15	\$3.17	\$3.78
3&6	HERBICIDE APPLICATOR 16'	2.00	0.24	0.22	\$2.48	\$2.32
9	ROTARY MOWER 7'	1.00	0.32	0.29	\$2.16	\$2.54
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.92	0.83	\$10.33	\$11.43
UNALLOCATED LABOR(HRS./AC.)			1.15			

HYBRID BERMUDAGRASS - ESTABLISHMENT						
CHEMICAL USE ASSUMPTIONS FOR BERMUDAGRASS - ESTABLISHMENT						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES						
picloram+2,4-D (Grazon P+D)	PT	2.00	\$4.75	\$9.50	JUN	
diuron (Karmex)	LB	1.00	\$5.78	\$5.78	MAR	
TOTAL:				\$15.28		

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. The "Pest Management Handbook" must be consulted. Production assumptions provided by John Andrae, Extension Specialist, 864-656-3504, jandrae@clemson.edu.

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