

CLEMSON EXTENSION

Department of Applied Economics and Statistics

Phone: 864-656-3475



HYBRID BERMUDAGRASS - ESTABLISHMENT

ESTIMATED COSTS OF ESTABLISHING, 2008/2009
JANUARY-FEBRUARY SPRIGGING

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. VARIABLE COSTS					
SPRIGGING	ACRE	1.00	\$150.00	\$150.00	_____
FERTILIZER					
NITROGEN	LBS	30.00	\$0.59	\$17.70	_____
PHOSPHATE	LBS	60.00	\$0.52	\$31.20	_____
POTASH	LBS	100.00	\$0.26	\$26.00	_____
LIQ. NITROGEN (SPREAD)	LBS	45.00	\$0.49	\$22.05	_____
LIME (SPREAD)	TON	1.00	\$52.50	\$52.50	_____
HERBICIDES	ACRE	1.00	\$11.25	\$11.25	_____
CUSTOM SPREAD	ACRE	1.00	\$8.00	\$8.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$12.98	\$12.98	_____
LABOR	HRS	2.07	\$6.50	\$13.46	_____
INTEREST ON OP. CAP.	DOL.	\$165.84	9.0%	\$14.93	_____
TOTAL VARIABLE COSTS:				\$360.07	_____
2. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$12.06	\$12.06	_____
TOTAL FIXED COSTS:				\$12.06	_____
3. OTHER COSTS					
LAND RENT	ACRE	1.00	\$25.00	\$25.00	_____
GENERAL OVERHEAD	DOL.	\$360.07	9.0%	\$32.41	_____
TOTAL OTHER COSTS:				\$57.41	_____
4. TOTAL COSTS:				\$429.54	_____

* 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.

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	\$3.15	\$2.96
3	HEAVY DISK 14'	1.00	0.17	0.15	\$3.98	\$4.14
3&6	HERBICIDE APPLICATOR 16'	2.00	0.24	0.22	\$3.12	\$2.52
9	ROTARY MOWER 7'	1.00	0.32	0.29	\$2.73	\$2.44
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.92	0.83	\$12.98	\$12.06
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	\$3.60	\$7.20	JUN
diuron (Karmex)	LB	1.00	\$4.05	\$4.05	MAR
TOTAL:				\$11.25	

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

THE CLEMSON UNIVERSITY COOPERATIVE EXTENSION SERVICE OFFERS ITS PROGRAMS TO PEOPLE OF ALL AGES, REGARDLESS OF RACE, COLOR, SEX, RELIGION, NATIONAL ORIGIN, OR HANDICAP AND IS AN EQUAL OPPORTUNITY EMPLOYER. COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS--STATE OF SOUTH CAROLINA, CLEMSON UNIVERSITY, U.S. DEPARTMENT OF AGRICULTURE, AND SOUTH CAROLINA COUNTIES COOPERATING.