

CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

SUMMER ANNUALS FOR GRAZING						
ESTIMATED ESTABLISHMENT AND MAINTENANCE COST PER ACRE						
INCLUDES: MILLETS, SORGHUM, FORAGE SORGHUM, SORGHUM-SUDANGRASS AND SUDANGRASS						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM	
1. VARIABLE COSTS						
SEED (PEARL MILLET)	LBS	25.00	\$1.30	\$32.50	_____	
FERTILIZER						
NITROGEN	LBS	60.00	\$0.77	\$46.20	_____	
PHOSPHATE	LBS	60.00	\$0.49	\$29.40	_____	
POTASH	LBS	60.00	\$0.33	\$19.80	_____	
LIQ. NITROGEN (SPREAD) ****	LBS	60.00	\$0.40	\$24.00	_____	
LIME (SPREAD)	TON	0.50	\$45.00	\$22.50	_____	
CUSTOM SPREAD	ACRE	1.00	\$10.00	\$10.00	_____	
TRACTOR/MACHINERY	ACRE	1.00	\$9.42	\$9.42	_____	
LABOR	HRS	1.53	\$9.50	\$14.54	_____	
INTEREST ON OP. CAP.	DOL.	\$104.18	5.0%	\$5.21	_____	
TOTAL VARIABLE COSTS:				\$213.57	\$0.00	
2. FIXED COSTS						
TRACTOR/MACHINERY	ACRE	1.00	\$11.04	\$11.04	_____	
TOTAL FIXED COSTS:				\$11.04	\$0.00	
3. OTHER COSTS						
LAND RENT	ACRE	1.00	\$40.00	\$40.00	_____	
GENERAL OVERHEAD	DOL.	\$213.57	7.0%	\$14.95	_____	
TOTAL OTHER COSTS:				\$54.95	\$0.00	
4. TOTAL COSTS:				\$279.56	\$0.00	

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

** ROTATION GRAZING JUNE THROUGH SEPTEMBER.

*** 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 SUMMER ANNUALS						
MONTH	OPERATION	LABOR		MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
		TIMES OVER	HOURS			
5	CHISEL PLOW 14'	1.00	0.19	0.17	\$2.52	\$2.79
5	HEAVY DISK 14'	1.00	0.17	0.15	\$3.17	\$3.78
5	GRAIN DRILL 8'	1.00	0.32	0.29	\$3.73	\$4.47
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.68	0.61	\$9.42	\$11.04
UNALLOCATED LABOR(HRS./AC.)			0.85			

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