

Pearl Millet for Summer Grazing No-Till Establishment

ESTIMATED COSTS AND RETURNS PER ACRE

Acres

1

	UNIT	QUANTITY PER ACRE	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
Grazing Days	Animal Units	200	\$1.00	\$200.00	_____
TOTAL RECEIPTS:				\$200.00	_____
2. PRE-HARVEST VARIABLE COSTS					
SEED: FESCUE - KY31	LBS	25.00	\$1.25	\$31.25	_____
SEED: CLOVER - Ladino	LBS	0.00	\$1.70	\$0.00	_____
FERTILIZER* <small>Soil Test Recommendation</small>					
NITROGEN	LBS	70.00	\$0.38	\$26.60	_____
PHOSPHATE	LBS	70.00	\$0.32	\$22.40	_____
POTASH	LBS	70.00	\$0.26	\$18.20	_____
FERTILIZER APPLICATION	ACRE	1.00	\$7.25	\$7.25	_____
LIME PRORATED	TON	0.33	\$32.50	\$10.73	_____
HERBICIDES	ACRE	1.00	\$15.56	\$15.56	_____
INSECTICIDES	ACRE	1.00	\$0.00	\$0.00	_____
FUNGICIDES	ACRE	1.00	\$0.00	\$0.00	_____
CHEMICAL APPLICATION	ACRE	0.00	\$7.00	\$0.00	_____
FUEL,OIL, LUBE	Eq Gallons	1.71	\$2.35	\$4.03	_____
REPAIRS	ACRE	1.00	\$7.64	\$7.64	_____
PRE-HARVEST LABOR	HRS	0.49	\$12.00	\$5.88	_____
CASH RENT OR LAND CHARGE	ACRE	1.00	\$0.00	\$0.00	_____
CROP INSURANCE	ACRE	1.00	\$0.00	\$0.00	_____
SCOUTING	ACRE	1.00	\$0.00	\$0.00	_____
OTHER COSTS	ACRE	1.00	\$0.00	\$0.00	_____
PRODUCTION INTEREST	4 MONTHS	\$49.85	7.0%	\$3.49	_____
TOTAL PRE-HARVEST COSTS		\$0.77 per Animal Unit		\$153.03	_____
3. HARVEST VARIABLE COSTS					
FUEL,OIL, LUBE	Eq Gallons	0.00	\$2.35	\$0.00	_____
REPAIRS	ACRE	1.00	\$0.00	\$0.00	_____
HARVEST LABOR	HRS	0.00	\$12.00	\$0.00	_____
HAULING	AU.	200.00	\$0.00	\$0.00	_____
	AU.	200.00	\$0.00	\$0.00	_____
	AU.	200.00	\$0.00	\$0.00	_____
TOTAL HARVEST COSTS:		\$0.00 per Animal Unit		\$0.00	_____
4. TOTAL VARIABLE COSTS		153 Animal Units	\$0.77 per Animal Unit	\$153.03	_____
5. RETURN OVER TOTAL VARIABLE COSTS				\$46.97	_____
6. MACHINERY FIXED COSTS (BASED ON NEW EQUIPMENT COST)					
TRACTOR & MACHINERY	ACRE	1.00	\$13.10	\$13.10	_____
7. OTHER FIXED COSTS					
GENERAL OVERHEAD	DOL.	\$153.03	8.0%	\$12.24	_____
8. TOTAL FIXED COSTS:				\$25.34	_____
9. TOTAL VARIABLE & FIXED COSTS		Animal Units		\$178.37	_____
10. PROJECTED NET RETURNS TO LAND, RISK AND MANAGEMENT:				\$21.63	_____

* This BUDGET is for PLANNING PURPOSES ONLY. Fertilizer rates are based on projected nutrient removal of harvested crop.

* Fertilizer requirements will vary with application method, manure use and/or residual nutrient levels in the soil.

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PER ACRE MACHINERY AND LABOR REQUIREMENTS							
MONTH	OPERATION	Times OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, & LUBE	REPAIR COSTS	FIXED COSTS
PRE-HARVEST							
May	75HP + Boom Sprayer - 30 FT	2	0.20	0.18	\$1.60	\$1.16	\$3.86
May	120MFWD + No-Till Drill 15 FT	1	0.19	0.17	\$2.43	\$6.48	\$9.24
25%	UNALLOCATED LABOR(HRS./AC.)		0.10				
	SUB-TOTAL PRE-HARVEST		0.49	0.35	\$4.03	\$7.64	\$13.10
HARVEST							
25%	UNALLOCATED LABOR(HRS./AC.)		0.00				
	SUB-TOTAL HARVEST		0.00	0.00	\$0.00	\$0.00	\$0.00

\$2.35 Fuel

CHEMICAL USE ASSUMPTIONS							
TYPE	Trade Name	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
H	Gramoxone Inteon	PT	4.00	\$3.40	\$13.60	May 2X	
H	Surfactant	PT	2.00	\$0.98	\$1.96	May 2X	
Notes Chemical Type: H = Herbicide; I = Insecticide; F = Fungicide							

Trade and brand names are used only for the purpose of providing information. Virginia Cooperative Extension does not guarantee or warrant the standard of any product named to the exclusion of others which also may be suitable.