

Caucasian Bluestem 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					
		0.00	\$0.00	\$0.00	-----
TOTAL RECEIPTS:				\$0.00	-----
2. PRE-HARVEST VARIABLE COSTS					
SEED: Caucasian Bluestem	LBS	3.00	\$9.50	\$28.50	-----
Carrier: SBOM	LBS	38.00	\$0.11	\$4.18	-----
Carrier: Triple Super Phosphate	LBS	38.00	\$0.32	\$12.16	-----
FERTILIZER* <small>Soil Test Recommendation</small>					
NITROGEN	LBS	0.00	\$0.38	\$0.00	-----
PHOSPHATE	LBS	40.00	\$0.32	\$12.80	-----
POTASH	LBS	40.00	\$0.26	\$10.40	-----
FERTILIZER APPLICATION	ACRE	1.00	\$7.25	\$7.25	-----
LIME (5.5 pH)	TON	0.50	\$32.50	\$16.25	-----
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	12 MONTHS	\$124.65	7.0%	\$8.73	-----
TOTAL PRE-HARVEST COSTS				\$133.38	-----
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	BU.	0.00	\$0.18	\$0.00	-----
STORAGE	BU.	0.00	\$0.00	\$0.00	-----
DRYING	BU.	0.00	\$0.00	\$0.00	-----
TOTAL HARVEST COSTS:				\$0.00	-----
		Breakeven Yield	Breakeven Price		
4. TOTAL VARIABLE COSTS				\$133.38	-----
5. RETURN OVER TOTAL VARIABLE COSTS				NA	-----
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.	\$133.38	8.0%	\$10.67	-----
8. TOTAL FIXED COSTS:				\$23.77	-----
9. TOTAL VARIABLE & FIXED COSTS				\$157.15	-----
10. PROJECTED NET RETURNS TO LAND, RISK AND MANAGEMENT:				NA	-----

* 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							
August	75HP + Boom Sprayer - 30 FT	2	0.20	0.18	\$1.60	\$1.16	\$3.86
August	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.