

ALFALFA Conventional Establishment

ESTIMATED COSTS AND RETURNS PER ACRE

Acres

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	UNIT	QUANTITY PER ACRE	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
	TON	0.00	\$0.00	\$0.00	_____
TOTAL RECEIPTS:				\$0.00	_____
2. PRE-HARVEST VARIABLE COSTS					
SEED: ALFALFA	LBS	20.00	\$3.20	\$64.00	_____
SEED Inoculant: Alfalfa	#/Seed	20.00	\$0.00	\$0.00	_____
FERTILIZER*	Soil Test Recommendation				
NITROGEN	_____ LBS	0.00	\$0.38	\$0.00	_____
PHOSPHATE	_____ LBS	125.00	\$0.32	\$40.00	_____
POTASH	_____ LBS	125.00	\$0.26	\$32.50	_____
Boron	_____ LBS	3.00	\$0.75	\$2.25	_____
FERTILIZER APPLICATION	_____ ACRE	1.00	\$7.25	\$7.25	_____
LIME	_____ TON	3.00	\$32.50	\$97.50	_____
HERBICIDES	_____ ACRE	1.00	\$11.59	\$11.59	_____
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	4.97	\$2.35	\$11.68	_____
REPAIRS	_____ ACRE	1.00	\$16.59	\$16.59	_____
PRE-HARVEST LABOR	HRS	1.48	\$12.00	\$17.76	_____
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	\$301.12	7.0%	\$21.08	_____
TOTAL PRE-HARVEST COSTS				\$322.20	_____
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				\$322.20	_____
5. RETURN OVER TOTAL VARIABLE COSTS				NA	_____
6. MACHINERY FIXED COSTS (BASED ON NEW EQUIPMENT COST)					
TRACTOR & MACHINERY	_____ ACRE	1.00	\$27.33	\$27.33	_____
7. OTHER FIXED COSTS					
GENERAL OVERHEAD	DOL.	\$322.20	8.0%	\$25.78	_____
8. TOTAL FIXED COSTS:				\$53.11	_____
9. TOTAL VARIABLE & FIXED COSTS				\$375.31	_____
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							
April	100HP + Plow 4-18"	1	0.46	0.42	\$4.99	\$9.77	\$9.70
April	100HP + Offset Disk 12 FT	1	0.20	0.18	\$2.14	\$2.00	\$4.94
April	75HP + Offset Disk Harrow 15FT	1	0.17	0.15	\$1.34	\$1.53	\$4.88
April	100HP + Disk W/Sprayer 16FT	1	0.17	0.15	\$1.78	\$1.61	\$3.98
May	75HP + Drill W/Cultipacker 13FT	1	0.18	0.16	\$1.43	\$1.68	\$3.83
25%	UNALLOCATED LABOR(HRS./AC.)		0.30				
	SUB-TOTAL PRE-HARVEST		1.48	1.06	\$11.68	\$16.59	\$27.33
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	Eptam	PT	3.50	\$3.31	11.59	April
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.