

Crop Enterprise Cost Summary for: PERENNIAL RYEGRASS (Carbon Planted)

Production Year: 2024	Establishment	Production Years		Accumulative	COMMENTS
		YEAR ONE	YEAR TWO		
Description	Per Acre	Per Acre	Per Acre	Per Acre	
Production and Income:					
Value (per pound)	0.00	1.15	1.15	1.15	OGSBA negotiated price
Yield	0.00	1,575.00	1,575.00	3,150.00	Per acre yield average
Primary Crop Value:	\$ -	\$ 1,811.25	\$ 1,811.25	\$ 3,622.50	Calculated revenue from harvested seed
Other Crop Income	0.00	100.00	100.00	200.00	Stumpage, straw sales, grazing, etc.
Total Income:	\$ -	\$ 1,911.25	\$ 1,911.25	\$ 3,822.50	
Variable Costs:					
Seed and Plants	40.00	0.00	0.00	0.00	Data is imported from standards worksheet
Fertilizer/Lime	330.00	95.60	183.10	278.70	
Chemicals	17.58	160.71	214.73	375.43	
Custom Work	403.35	238.76	270.46	509.23	
Hired Labor (Incl. Irrigation)	0.00	6.00	6.00	12.00	
Operator Labor	0.00	6.00	6.00	12.00	
Machinery Fuel	0.00	0.00	0.00	0.00	
Machinery Repairs	0.00	0.00	0.00	0.00	
Irrigation Power/Water	0.00	0.00	0.00	0.00	
Harvest	0.00	134.50	134.50	269.00	
Clean, Bag & Ship	0.00	157.50	157.50	315.00	
Other Variable Costs	4.21	7.00	7.00	14.00	
Interest - Operating Capital	16.23	33.59	40.80	74.39	
Total Variable Costs:	\$ 811.36	\$ 839.65	\$ 1,020.09	\$ 1,859.74	
Fixed Costs:					
Land Charge	0.00	225.00	225.00	450.00	Data is imported from standards worksheet
Machinery Ownership	7.50	15.00	15.00	30.00	
Building Ownership	3.00	6.00	6.00	12.00	
Overhead	24.75	75.75	77.75	153.50	
Costs to Establish - are amortized over production years		443.77	443.77	887.54	
Other Fixed Costs	2.70	8.67	8.67	17.34	
Management Fee (Owner/Operator)	38.23	133.79	133.79	267.58	
Total Fixed Costs:	\$ 76.18	\$ 907.98	\$ 909.98	\$ 1,817.95	
Total Costs:	\$ 887.54	\$ 1,747.63	\$ 1,930.07	\$ 3,677.70	
Economic Summary:					
					Economic summary calculations
Net Return Over Variable Costs		1,071.60	891.16	1,962.76	Total Income - Total Variable Costs
Net Return Over Total Costs		163.62	-18.82	144.80	Total Income - Total Costs
Return to Labor & Management		309.41	126.97	436.38	Net return + Owner labor + Operator labor + Management
Break-Even Yield (Per Acre)		1,519.68	1,678.32	3,198.00	Total Costs / Value per pound
Total Cost Per Pound		1.11	1.23	1.17	Total Costs / Average Yield (Per Acre)

IMPORTANT: This cost study was prepared on the basis that labor and applications were preformed on a "custom work" basis. Individual practices will vary from farm to farm and field to field based on best practices. Practices including noted pesticides and fertilizers are derived from study group input. Individuals utilizing these cost studies will want to use information that is pertinent to their own practices. Optional and alternative practices do exist. Producers, Seed Dealers and Crop Advisors are encouraged to recommend edits that can be used to refine this budget study.

Study prepared by Phil La Vine and David Sunderland. Send recommendations to: Comments@SunderlandSolutions.com