

**ALFALFA SEED DATA SHEET**  
**MALHEUR COUNTY, OREGON**  
 August 2005



BASED ON:

1. 50 Acres
2. 700 lb./Acre Yield
3. Local Custom Rates used in Determining Machinery Costs.
4. 2 Year Life of Stand
5. Fall Seeding

	LABOR & MACHINERY	MATERIALS	TOTAL	YOUR FIGURES
<b>CULTURAL OPERATIONS:</b>				
Triple K + Herb. Pre-emerge <u>1/</u>	22.00	25.00	47.00	_____
Corrugate	10.00		10.00	_____
Beat Down <u>1/</u>	14.00		14.00	_____
Dodder Control (1X & Spot) <u>1/</u>	20.00	10.00	30.00	_____
Pre-bloom Insect., (2X) <u>2/</u>	18.00	61.00	79.00	_____
Bloom Insect. (4X) <u>2/</u>	36.00	76.00	112.00	_____
Irrigation (Labor only) <u>3/</u>	30.00		30.00	_____
Gopher Control	15.00	1.00	16.00	_____
<b>POLLINATION:</b>				
Bees <u>4/</u>		125.00	125.00	_____
Handling Bees (Houses, Nesting Materials, other Handling Equipment)	60.00	60.00	120.00	_____
<b>HARVESTING:</b>				
Defoliation	9.00	14.00	23.00	_____
Combine	55.00		55.00	_____
Haul Seed	8.00		8.00	_____
Clean & Bag; Assessments		106.00	106.00	_____
Seed Certification		6.00	6.00	_____
Residue Management	20.00	5.00	25.00	_____
<b>OTHER CHARGES:</b>				
Operating Capital Interest 6%, 7mo.			28.00	_____
Rent on Land <u>3/</u>			150.00	_____
Management <u>5/</u>			60.00	_____
General Overhead <u>6/</u>			60.00	_____
Amortized Establishment Costs - (from back side) <u>7/</u>			212.00	_____
<b>Total Cost Per Acre</b>	317.00	489.00	1316.00	
<u>Number of Productive Years</u>		<u>3 Years</u>	<u>2 Years</u>	_____
COST PER LB @ 700 LB YIELD		\$1.88	\$1.93	_____
COST PER LB @ 500 LB YIELD		\$2.57	\$2.64	_____
COST PER LB @ 1000 LB YIELD		\$1.36	\$1.40	_____

**See Reverse Side for Additional Information**

<b>ESTABLISHMENT-SPRING SEEDING</b>				
	<b>LABOR &amp; MACHINERY</b>	<b>MATERIALS</b>	<b>TOTAL</b>	<b>YOUR FIGURES</b>
<b>CULTURAL OPERATIONS:</b>				
Plow	27.00		27.00	_____
Groundhog (2X)	24.00		24.00	_____
GPS Fall Bedding	20.00		20.00	_____
Harrowing Bed	13.00		13.00	_____
Plant	22.00	12.00	34.00	_____
Cultivate (2X)	26.00		26.00	_____
Herbicide (4X)	36.00	112.00	148.00	_____
Hand Weeding	15.00		15.00	_____
Fall Stand Thinning	15.00		15.00	_____
Irrigation (labor only)	20.00		20.00	_____
<b>OTHER CHARGES:</b>				
Operating Capital Interest 6%, 7mo.			11.00	_____
Management <u>7/</u>			18.00	_____
General Overhead <u>8/</u>			18.00	_____
Total Establishment Cost			389.00	_____
Amortized Est. Costs (2 yrs. @ 6%) <u>9/</u>			212.00	_____
<p><u>1/</u> The first year expenses for these or equivalent operations are accounted for in the spring seeded establishment year, and amortized over the three year production period. Therefore, in order to avoid duplication, these items should not be included directly as line item expenses in the first year of production. They should, however be included in the second or third years.</p> <p><u>2/</u> Lower insecticide/miticide costs would be expected the first year for a spring established field. Miticide application is put on during second prebloom application.</p> <p><u>3/</u> \$150/acre rent charge assumes water is paid by owner. If land is owned this cost would be \$220 which would include: Interest on Land \$160 (\$2000/acre @ 8%), Taxes on Land \$20/acre (Farm Use Assessment Basis) and Irrigation \$40.</p> <p><u>4/</u> 4 gallon initial investment @ \$50. 60% annual replacement. 40% residual value at end of 2<sup>nd</sup> year. Valued @ \$40/gallon.</p> <p><u>5/</u> Estimated at 5% of all costs.</p> <p><u>6/</u> Estimated at 5% of all costs.</p> <p><u>7/</u> Amortized establishment costs over 3 years would be \$146.</p>				
<p>These data were obtained by Steve Norberg, Malheur County Extension Agent. Information was obtained from Idaho Crop Input Price Summary for 2004 (Ag. Econ Ext. Series No. 04-12, Nov. 2004, local dealers, seed producers, and others familiar with the local alfalfa seed industry. If you have questions or desire further information call Malheur County Extension at 541-881-1417.</p>				
August 2005				

# Cost per Pound Based On Yield and Number of Production Years

