

## GREEN FORDHOOK LIMA BEANS FOR FREEZING - SINGLE CROPPED - MONTEREY COUNTY

## COST ANALYSIS WORK SHEET - 1975

By H. Agamalian and E. A. Yeary

	SAMPLE COSTS			
	Per Acre	Per Cwt	Per Acre	Per Cwt
<b>PRE-HARVEST CASH COSTS</b>				
Fumigation, if required: bed top-custom			36.00	
Land preparation: 3 $\frac{1}{4}$ hrs crawler tractor			35.26	
List and fertilize: custom			4.50	
Materials			30.00	
Pre-irrigate: 7" water at \$13.25 ac ft			7.73	
Sprinkler booster cost			1.45	
Labor: 2 hrs total			5.80	
Herbicide: custom, materials and application costs			15.15	
Plant: $\frac{1}{2}$ hr - 2 men and wheel tractor			4.76	
Seed: 160 lbs at \$50.00 per cwt			80.00	
Cultivate 3x: 1 hr wheel tractor			6.62	
Irrigate 5x: 12 hrs labor			34.80	
Water: 2'5" at \$13.25			32.02	
Hoe and weed: 7 hrs labor			20.30	
Insecticides: custom; average 2 applications at \$7.65			15.30	
Pickup truck, 10 miles at 20¢			2.00	
Cover crop: $\frac{1}{2}$ at \$16.00 per acre cost			8.00	
Rent 1/3 share + \$9.68 taxes minus 1/3 of fumigation & fertilizer = net rent			173.88	
Repairs: except tractors			15.00	
Personal property taxes - equipment			6.50	
Misc. labor, material, field power, etc. including $\frac{1}{4}$ hr wheel tractor			10.00	
Office, business costs, etc.			32.80	
<b>Total Pre-harvest cash costs</b>			<b>577.87</b>	<b>14.45</b>
<b>Harvesting costs</b>				
Cut and windrow vines				
$\frac{1}{4}$ hr man and wheel tractor			1.66	
Other harvesting operations furnished by processor				
<b>Total harvest costs (tenant)</b>			<b>1.66</b>	<b>.04</b>
<b>Total Cash Costs (tenant)</b>			<b>579.53</b>	<b>14.49</b>
<b>Depreciation (tenant)</b>				
Tractors: crawler 3 $\frac{1}{4}$ hrs at \$3.12			10.14	
wheel 2 hrs at \$1.52			3.04	
Irrigation equipment \$150.00/Acre - 10 yrs			15.00	
Tillage, other equipment \$90.00/Acre - 10 yrs			9.00	
<b>Total depreciation (tenant)</b>			<b>37.18</b>	<b>.93</b>
<b>Interest on investment at 8% (tenant)</b>				
Tractors: crawler 3 $\frac{1}{4}$ hrs at \$2.34			7.61	
wheel 2 hrs at .76¢			1.52	
Irrigation equipment $\frac{1}{2}$ cost \$75.00			6.00	
Tillage, other equipment $\frac{1}{2}$ cost \$45.00			3.60	
<b>Total interest on investment (tenant)</b>			<b>18.73</b>	<b>.47</b>
<b>Total cost of production (tenant)</b>			<b>635.44</b>	<b>15.89</b>

Management has not been included as a cost of production. It may range in value to as much as 5% of the value of the crop.

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Based on a yield of 4000 lbs per acre

Equipment Operator \$3.80 per hour total

Other labor \$2.90

Tractor: heavy crawler - total per hour cash costs, \$7.05

    Depreciation - \$3.12

    Interest - 2.34

Medium Wheel Diesel Tractor - \$2.82, \$1.52, and .76¢

SAMPLE COSTS PER CWT AT VARYING YIELDS

Yield: pounds per acre	3000	3400	3800	4000	4200	4600	5000
Cash costs of production	\$17.59	\$16.13	\$14.99	\$14.49	\$13.89	\$13.27	\$12.63
Total costs of production	\$19.46	\$17.78	\$16.45	\$15.89	\$15.22	\$14.49	\$13.74