Cost of Production Strawberries









Guidelines For Estimating Strawberry U-Pick Production Costs

The following budget estimates the cost of producing Strawberries in Manitoba. General Manitoba Agriculture recommendations are assumed in using fertilizers and chemical inputs. These figures provide an economic evaluation of the crops and estimated yields required to cover all costs. Costs include labour, investment and depreciation, but do not include management costs, nor do they necessarily represent the average cost of production in Manitoba.

These budgets may be adjusted by putting in your own figures. As a producer you are encouraged to calculate your own costs of production for various crops. On each farm, costs and yields differ due to soil type, climate and agronomic practices.

<u>The Farm Machinery Custom and Rental Rate Guide</u> is also available to help determine machinery costs.

This tool is available as an Excel worksheet at:



Contact Us

For more information, contact a Farm Management Specialist.

- · manitoba.ca/agriculture
- mbfarmbusiness@gov.mb.ca
- 1-844-769-6224

Note: This budget is only a guide and is not intended as an in depth study of the cost of production of this industry. Interpretation and use of this information is the responsibility of the user. If you need help with a budget, contact a Farm Management Specialist.

B. Fixed Costs Land Costs

C. Total Costs

Interest on Operating

Machinery Costs

Total Fixed Costs

Total Operating Costs

Storage & Irrigation Costs

Rental and Custom Charges

Repairs & Maintenance Cost

Strawberry - Cost of Production Summary Based on 20 acres					
	Establishment ¹	Picking Ye			
	Cost \$/acre	Cost /acre	Cost/lb	Your Cost	
Operating Costs					
A Establishment cost (amortized) ¹	-	\$3,722.09	_		
Seed & Treatment	\$2,240.00	_	\$0.6893		
Fertilizer	\$179.86	\$170.16	\$0.0315		
Pesticide	\$120.00	\$266.00	\$0.0493		
Fuel	\$54.66	\$48.52	\$0.0090		
Irrigation	\$15.96	\$63.84	\$0.0118		
Machinery Operating & Lease	\$25.00	\$25.00	\$0.0046		
Labour - hired	\$1,066.00	\$1,734.00	\$0.3211		
Crop Insurance (Establishment only)	\$64.80	-	-		
Hail Insurance	\$280.00	\$280.00	\$0.0519		
Land Taxes	\$20.00	\$20.00	\$0.0037		
Miscellaneous Cost	\$578.26	\$578.26	\$0.1071		

\$0.00

\$378.26

<u>\$255.01</u>

\$327.65

\$2,949.88

\$2,153.66

\$5,431.18

\$12,972.32

\$7,541.14

\$0.0000

\$0.0700

\$0.0472

\$1.3965

\$0.0607

\$0.5463

\$0.3988

\$1.0058

\$2.4023

9

\$0.00

\$378.26

\$351.60

\$327.65

\$2,949.88

\$2,153.66

\$5,431.18

\$10,805.57

\$5,374.39

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	Estimated Farmgate Price per Unit Target Yield per acre (lbs) Gross Revenue / acre	g	\$5.00 5,400 \$27,000.00		
	Operating Expense Ratio	•	28%		
	Marginal Returns		_0,0		
	Over Operating Costs	9	619,458.86		
	Over Total Costs (Net Profit)		614,027.68		
	Breakeven Price (\$ Per lb.)				
	Operating Costs		\$1.40		
	Over Fixed Costs		<u>\$1.01</u>		
	Over Total Costs		\$2.40		
	Breakeven Yield (lbs)				
	Over Operating Costs		1,508		
	Over Fixed Costs		<u>1,086</u>		
	Over Total Costs		2,594		
	Breakeven Yield Risk Ratio		2.08		

(Yield per acre/BE Yield)

1. The cost of establishing the crop of \$10805.57, includes the pre plant and planting years, was amortized over \$3722.09 Note: This budget is only a guide and is not intended as an in depth study of the cost of production of this industry. Interpretation and utilization of this information is the responsibility of the user.

			Strawb	erry Planting					
	Transplanting Rate (plants/ac)	Plant Cost (per plant)	Cost per Acre						
Strawberry Plants	8,000	\$0.28	\$2,240						
			-	ertilizer					
		Bulk Price	A	ctual Nutrient					
<u>Fertilizer Type</u> Nitrogen: (urea) 46-0-	0	<u>\$/tonne</u> \$900		<u>\$/lb</u> \$0.89					
Phosphorus: 11-52-0		\$900 \$1,250		\$0.89					
Potash: 0-0-60	0	\$650		\$0.49					
Sulphur: 20.5-0-0-24	1	\$850		\$0.85					
		Amount o	of Actual Po	unds of Eleme	nts Applied	Per Acre			
-	Nitrogen	F	Phosphorus		Potash	;	Sulphur		Total
<u>Crop</u>	<u>lbs</u>	<u>\$/acre</u>	<u>lbs</u>	<u>\$/acre</u>	lbs	<u>\$/acre</u>	<u>lbs</u>	<u>\$/acre</u>	<u>\$/acre</u>
Strawberry Planting	70	\$31.98	100	\$109.04	30	\$14.74	15	\$24.10	\$179.86
Strawberry Picking	150	\$125.58	20	\$21.81	30	\$14.74	5	\$8.03	\$170.16
			Crop	Protection					
		Disease	Insect						
	Weed Control	Control	Control	Total Cost					
	<u>\$/ac</u>	<u>\$/ac</u>	<u>\$/ac</u>	<u>\$/ac</u>					
Planting	\$120	\$0	\$0	\$120.00					
Picking	\$180	\$80	\$6	\$266.00					
<u>Note:</u> Pre-emergent burn off is	not included in w		-						
Chemical costs do not in									
Disease Control costs de	•		-						
			Crop Rota	tions and Yi	elds				
			ation and Yi						
			Year	lbs/acre					
	Planting Year		1						
	1st Picking		2	6,600					
	2nd Picking		3	5,500					
	3rd Picking		4	<u>4,000</u>					

4,000 4 Total Yield (lbs/acre) 16,100 Average Yield (lbs/acre) 5,367 Market Price per Pound \$5.00

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	Ор	perating Costs					
	7.00%						
-)							
	Fie	eld Fuel Usage	;				
Times	Width	Speed	Tractor	Fuel	Capacity	Time	Mai
Over		MPH					<u>& Lı</u>
1		1	50	\$20.63	0.50	2.00	2.0
3		5	50	\$12.38	2.50	1.20	1.24
1	25	4	50	\$1.03	10.00	0.10	0.10
1	5	2	100	<u>\$20.63</u>	1.00	1.00	2.0
Total Estab	lishment Field Op	peration Fuel Co	sts (\$/acre)	\$54.66			
4	5	5	50	¢/ 13	2.50	0.40	0.4
							0.52
							0.4
							1.38
							0.07
	5	2	100	<u>\$20.63</u>	1.00	1.00	2.06
Tota	l Picking Field Op	peration Fuel Co	sts (\$/acre)	\$48.52			
	In	rigation Cost					
	Establishment	Picking					
	<u>\$1.33</u>	<u>\$1.33</u>					
Total Cost (\$/acre)	\$15.96	\$63.84					
		abour Cost.					
	Hour	s Required per	Acre				
	D .		01	F 1.1.1	U. D'al	T . (.)	-
Weed Control	De- blossoming	Irrigation	Straw	Pield Operation	U-PICK Operation	Hours	Tota (\$/ac
		6	5	4.3	0	53.3	
30	8	-	•		v	55.5	\$1,0
30 30	8 0	6	5	3.7	42	86.7	
	0		5		-		
	0 Misc \$750.00	6	5		-		
	0 Misc	6	5		-		
	0 Misc \$750.00	6	5		-		\$1,00 \$1,73
30	0 Misc \$750.00 \$500.00 \$1,150.00	6	5		-		
30 \$0.75	0 \$750.00 \$500.00 \$1,150.00 \$805.05	6	5		-		
30 \$0.75 3	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00	6	5		-		
30 \$0.75	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50	6	5		-		
30 \$0.75 3 \$17.75	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 \$300.00	6	5		-		
30 \$0.75 3 \$17.75 \$/10 acres)	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 <u>\$300.00</u> \$5,782.55	6	5		-		
30 \$0.75 3 \$17.75	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 \$300.00	6	5		-		
30 \$0.75 3 \$17.75 \$/10 acres)	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 \$300.00 \$5,782.55 \$578.26	6 ellaneous Co	5 st		-		
30 \$0.75 3 \$17.75 \$/10 acres)	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 \$300.00 \$5,782.55 \$578.26	6	5 st		-		
30 \$0.75 3 \$17.75 \$/10 acres)	0 \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 <u>\$300.00</u> \$5,782.55 \$578.26 Repairs 6	6 ellaneous Co	5 st		-		
30 \$0.75 3 \$17.75 \$/10 acres) \$/acre)	0 Misc \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 <u>\$300.00</u> \$5,782.55 \$578.26 Repairs 6 1.50% \$378.26	6 ellaneous Co	5 st e Cost		-		
30 \$0.75 3 \$17.75 \$/10 acres) \$/acre)	0 Misc \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 <u>\$300.00</u> \$5,782.55 \$578.26 Repairs 6 1.50% \$378.26	6 sellaneous Cos & Maintenance	5 st e Cost		42 <u>Total</u>		
30 \$0.75 3 \$17.75 \$/10 acres) \$/acre)	0 Misc \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 <u>\$300.00</u> \$5,782.55 \$578.26 Repairs & <u>1.50%</u> \$378.26 Rental an	6 sellaneous Cos & Maintenanco nd Custom Ch <u>Application</u>	5 st ∋ Cost narges	3.7	42 <u>Total</u> \$0.00		
30 \$0.75 3 \$17.75 \$/10 acres) \$/acre)	0 Misc \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 <u>\$300.00</u> \$5,782.55 \$578.26 Repairs & <u>1.50%</u> \$378.26 Rental at <u>Seeding</u> -	6 sellaneous Cos & Maintenanco nd Custom Ch <u>Application</u> -	5 st e Cost harges <u>Harvest</u> -	3.7	42 <u>Total</u>		
30 \$0.75 3 \$17.75 \$/10 acres) \$/acre) e Costs	0 Misc \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 <u>\$300.00</u> \$5,782.55 \$578.26 Repairs & <u>1.50%</u> \$378.26 Rental at <u>Seeding</u> -	6 sellaneous Cos & Maintenanco nd Custom Ch <u>Application</u>	5 st e Cost harges <u>Harvest</u> -	3.7	42 <u>Total</u> \$0.00		
30 \$0.75 3 \$17.75 \$/10 acres) \$/acre)	0 Misc \$750.00 \$500.00 \$1,150.00 \$805.05 \$2,100.00 \$177.50 \$300.00 \$5,782.55 \$578.26 Repairs & 1.50% \$378.26 Repairs & 3 378.26 Rental at <u>Seeding</u> - - Crop	6 sellaneous Cos & Maintenanco nd Custom Ch <u>Application</u> -	5 st e Cost harges <u>Harvest</u> -	3.7	42 <u>Total</u> \$0.00		
	Over 1 3 1 Total Estab 1 5 1 2 2 1 Total Total Cost (\$/acre)	7.00% \$20.00 \$20.00 \$20.00 \$22.00 \$70.00 \$1.10 Field Times Width <u>Over Feet</u> 1 5 3 5 1 25 1 5 Total Establishment Field Op 1 5 5 25 1 5 2 40 1 5 2 40 1 5 Total Picking Field Op I 5 2 40 1 5 Total Picking Field Op I 5 2 40 1 5 2 5 2 40 1 5 Total Picking Field Op I 5 2 40 1 5 Cotal Picking Field Op I 5 Cotal Pi	7.00% \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$1.10 Field Fuel Usage Times Width Speed Over Feet MPH 1 5 2 4 1 5 2 5 2 5 2 5 2 40 1 5 2 5 2 40 7 1 5 2 4 4 \$1.33 \$1.33 1 5 2 4 4 4 \$1.33 \$1.33 Total Cost (\$/acre) \$15.96 \$63.84	\$20.00 \$20.00 \$70.00 \$1.10 Field Fuel Usage Times Width Speed Tractor <u>Over Feet MPH HP</u> 1 5 1 50 3 5 5 50 1 25 4 50 1 5 2 100 Total Establishment Field Operation Fuel Costs (\$/acre) 1 5 5 5 50 2 5 3 50 2 40 7 50 1 5 2 100 Total Establishment Field Operation Fuel Costs (\$/acre) 1 5 5 5 50 2 40 7 50 1 5 2 100 Total Picking Field Operation Fuel Costs (\$/acre) 1 5 1 5 10 2 40 7 50 1 5 2 100 Total Picking Field Operation Fuel Costs (\$/acre) 1 5 2 100 Total Picking Field Operation Fuel Costs (\$/acre) 1 5 2 100 Total Picking Field Operation Fuel Costs (\$/acre) 1 5 2 100 Total Cost (\$/acre) \$15.96 \$63.84 <u>Labour Cost</u> <u>Hours Required per Acre</u>	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	7.00% \$20.00 \$20.00 \$1.10 Field Fuel Usage Times Width Speed Tractor Fuel Capacity Over Feet MPH HP Per Acre Ac/Hr 1 5 1 50 \$20.63 0.50 3 5 5 50 \$1.238 2.50 1 25 4 50 \$1.03 10.00 1 5 2 100 \$20.63 1.00 1 5 2 100 \$20.63 1.00 Total Establishment Field Operation Fuel Costs (\$/acre) \$54.66 2.50 1.00 1 5 5 50 \$4.13 2.50 2 4 50 \$1.375 1.50 2 40 7 50 \$0.74 28.00 1 5 2 100 \$20.63 1.00 2 40 7 50 \$0.74 28.00 1 5 2 100 \$20.63 1.00 Total Picking Field Operation Fuel Costs (Too% \$20.00 \$20.00 \$22.00 \$70.00 \$1.10 Field Fuel Usage Times Width Speed Tractor Fuel Capacity Time. Over Feet MPH HP Per Acre Ac/Hr Hr./Ac. 1 5 1 50 \$20.63 0.50 2.00 3 5 5 50 \$12.38 2.50 1.20 1 25 4 50 \$1.03 10.00 0.10 1 25 2 100 \$20.63 1.00 1.00 1 5 2 100 \$20.63 1.00 1.00 1 5 5 50 \$4.13 2.50 0.40 5 25 4 50 \$5.16 10.00 0.50 1 5 5 50 \$4.13 2.50 0.40 2 5 3 50 \$13.75 1.50 1.33 2 40 7 50 \$0.74

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Land

Average Land Value

Strawberry Acres

Land Financed Land Opportunity Cost

Land cost (\$/acre)

Total Cost

Total Cost

Total Debt (\$/acre)

Owned Land Equity

Finance Rate & Term

Strawberry Establishment

Establishment Equity

Establishment cost (\$/acre)

Finance Rate & Term

Principle & Interest Cost

Owned Land Opportunity Cost

Strawberry Acres

Principal & Interest Cost

Owned Land Opportunity Cost

Establishment cost (\$/acre)

Establishment Financed (\$9,725 per acre)

Establishment Opportunity Cost (Investment Rate)

Costs		
Machinery		
Total Investment (\$/acre)	\$14,018	
Residual Value (End of Useful Life)	25%	
Useful Life (years)	15	
Owned Equipment Equity	20%	
Equipment Financed	80%	
Machinery Opportunity Cost	1.50%	
Machinery Cost (\$/acre)		
Finance Rate & Term	7.00%	7 Years
Principal & Interest Cost	\$2,080.79	
Machinery Depreciation Cost	\$700.88	
Owned Machinery Opportunity Cost	<u>\$168.21</u>	
Total Cost	\$2,949.88	
Storage & Irrigation		
Total Investment Storage (\$/ac)	\$8.200	

\$3,000

25%

20 15

20% 80%

1.50%

7.00%

\$1.662.56

\$307.50

\$150.00

\$2,153.66

<u>\$33.60</u>

7 Years

			Storage a	& Irrigation
		Strawberry	Strawberry	
	Market Value	Usage %	Allocation	
Storage Shed	\$60,000	90%	\$54,000	
Cooler	\$10,000	100%	\$10,000	
Booth	\$3,000	100%	\$3,000	
Miscellaneous	\$15,000	100%	\$15,000	
Irrigation Equipment	\$30,000	100%	\$30,000	
Storage & Irrigation TOTAL	\$118,000		\$112,000	
Storage & Irrigation Total per acre	\$11,800		\$11,200	

Equipment Inventory and Current Values

Fixed Costs

\$5,000

10

20 Years

30% 70%

1.50%

\$305.15

\$22.50

\$327.65

\$10,806

10 10%

90%

3 Years

1.50%

\$3,705.88

<u>\$16.21</u> \$3,722.09

\$33,399.40

6.00%

7.000%

Total Investment Irrigation (\$/ac) Residual Value (End of Useful Life)

Useful Life Storage (years)

Useful Life Irrigation (years)

Storage & Irrigation Cost (\$/acre)

Storage Depreciation Cost

Irrigation Depreciation Cost

Owned S & I Opportunity Cost

Owned S & I Equity

S & I Opportunity Cost

Finance Rate & Term Principal & Interest Cost

S & I Financed

Total Cost

Power Equipment Tractor - 50 HP Tractor - 100 HP Total Inventory	Market Value \$60,000 \$100,000 \$0 \$0 \$160,000	33% 0% 0%	Strawberry Allocation \$60,000 \$33,000 \$0 \$0 \$93,000	Harvest Equipment	Market Value \$0 \$0 \$0 \$0 \$0 \$0	0% 0% 0% 0%	Strawberry Allocation \$0 \$0 \$0 \$0 \$0
Total Inventory	\$100,000		\$33,000	Total inventory	ψυ		ψŪ
		Strawberry	Strawberry			Strawberry	Strawberry
Seeding & Tillage	Market Value	Usage %	Allocation	Spraying & Misc.	Market Value	Usage %	Allocation
Planter	\$5,000	100%	\$5,000	Sprayer - 25 ft	\$10,000	100%	\$10,000
Rotovator	\$8,000	90%	\$7,200	Straw spreader	\$39,500	25%	\$9,875
Cultivator	\$1,500	90%	\$1,350	Fertilizer Spreader	\$40,000	25%	\$10,000
	\$0	0%	\$0	Mower	\$5,000	75%	\$3,750
	\$0	0%	\$0		\$0	0%	\$0
Total Inventory	\$14,500		\$13,550	Total Inventory	\$94,500		\$33,625
Owned Equipment TOTAL	\$252,175		\$140,175				
Owned Equipment TOTAL / acre	\$25,217.50		\$14,018				

Leased Equipment Inventory and Current Values

		Strawberry	Strawberry	
Seeding, Tillage, Spraying etc	Annual Lease	Usage %	Allocation	
	\$0	0%	\$0	
	\$0	0%	\$0	
	\$0	0%	\$0	
Lease Equipment TOTAL	\$0		\$0	
Leased Equipment TOTAL / acre	\$0		\$0	

Note: This budget is only a guide and is not intended as an in depth study of the cost of production of this industry. Interpretation and utilization of this information is the responsibility of the user.

Strawberry Production in Manitoba

The projected strawberry production costs in this publication have been prepared to assist you in developing your own production costs.

The capital and cash input costs associated with growing strawberries in Manitoba are substantial. Detailed planning is necessary when budgeting for capital expenditures and also for the annual operating costs. The importance of good financial planning is evident by noting the large capital required for 1 acre of strawberries is significant.

Commercial strawberry production in Manitoba has been an important part of diversification in the province. The majority of the strawberry farms are on a U-Pick basis; but custom picking of the crop has increased over the past few years.

Strawberries are an intensely managed crop that require precise timing. Yield and quality achieved during the short 3 - 4 week picking season hinge on timely management practices of the previous year, as well as care and maintenance before picking. Growers entering the industry need these basic requirements: (1) suitable land with adequate drainage and shelterbelts, (2) access to an adequate quantity and quality of water for irrigation, (3) financial resources that permit a significant level of investment on infrastructure and input costs, (4) the ability to apply intensive management skills to the crop in a precisely timed manner, (5) the ability to determine market potential, and (6) the willingness to accept risk.

It is advised that new growers should proceed on a small but graduated scale. A complete assessment of the customer base and marketing opportunities needs to be completed prior to planting the first crop of strawberries.

Other Assumptions

Fuel Costs: Includes fuel used for field work, trucking in inputs and trucking out production.

Machinery Operating Costs: Includes costs for maintenance, repairs, licenses and insurance.

Crop Insurance:

Establishment coverage is available through MASC. Hail insurance coverage insured value based on MASC Risk Areas 2, 5, 6, & 12.

Other Costs: Includes overhead expenses - hydro, telephone, accounting, buildings, supplies and insurance, etc.

Land Taxes: The average cost based on land tax assessment and mill rates of a sample of municipalities growing crops less provincial tax rebate.

Interest On Operating: Interest charges on operating costs are calculated at 7% for six months.

Land Cost:

Based on approximate average land values. Budget assumed 70% financed at 6% for 20 years, plus 1.5% land equity opportunity cost. Budget can be used to estimate cashflow by removing investment cost. P&I Cost (based on \$35,000 Mortgage) = \$3,051 payments per year) / 10 acres = \$305.15/acre) Investment = (Total Investment x Owned Equity %) x Investment Rate % (eg. ((\$5,000 x 30%) x 1.5%) = \$22.50/acre)

Machinery Cost:

Based on approximate average machinery values. Budget assumed 80% financed at 7% for 7 years, depreciation costs over 15 years with a 25% residual value, plus 1.5% machinery equity opportunity cost. Budget can be used to estimate cashflow by removing depreciation and investment cost.

P&I Cost (based on \$201,740 Loans) = \$20,808 payments per year) / 10 acres = \$2080.79/acre) Depreciation (Useage Cost) = (Total Investment - Residual Value) / Years Useful Life (eg. (\$14017.5 - (\$14017.5 x 25%)) / 15 = \$700.88/acre) Investment = (Total Investment x Owned Equity %) x Investment Rate % (eg. (\$14017.5 x 20%) x 1.5%) = \$168.21/acre)

Depreciation Cost = Original Cost - Salvage Value

Useful Life Investment Cost = <u>Original Cost + Salvage Value</u> x Investment Rate 2

Estimated Farmgate Values:

Target crop prices are based on \$5 value per pound sold.

Target crop yields are based on historical yield from Manitoba crop average of 5,367 lbs/ac.

Plant Costs:

Plant cost based on Prairie Fruit Growers Association member plant discount price.

Miscellaneous Costs:

Includes: plant costs, advertising, utilities, pails/baskets, portable washrooms, and rental & custom charges.

Profitability, Breakeven & Risk Analysis Formulas:

Gross Revenue = Price per unit x Yield per acre (eg. picking years: \$5.00/lbs x 5400lbs/ac = \$27000.00/ac) Net Profit = Gross Revenue - Total Cost (eg. picking years: \$27000.00 gross revenue - \$12972.32 total cost = \$14027.68 per acre) Operating Expense Ratio = (Operating Cost / Gross Revenue) x 100 (eg. picking years: \$7541.14 operating expense / \$27000.00 total cost = 27.9%) Breakeven Price = Cost / Target Yield (eg. picking years: \$12972.32 / 5400 lbs = \$2.40 per lbs) Breakeven Yield = Cost / Price per Unit (eg. picking years: \$12972.32 / \$5.00 lbs = 2594.0 lbs) Breakeven Yield Risk Ratio = (Yield per Acre / Breakeven Yield) x 100 (eg. picking years: 5400 lbs/ac / 2594.0 bu BE = 208%)

Contact Us

For more information, contact a Farm Management Specialist.

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