

## 2022R - Onion - Irrigated Budget

Prepared by:

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**INPUT DATA: Your values in the unprotected or highlighted cells**

### THIS BUDGET IS INTERACTIVE

**(Cash Flow Budget)**

Number of acres    1

	BEST	OPT	MEDIAN	PESS	WORST
Yield (40 lb box)	700	600	600	500	400
Price per box	21.60	19.80	18.00	16.20	14.40

Item	Unit	Quantity	Price	Amt/acre	Total	Yours
Variable Costs						
Plants	Thou	85.00	8.00	680.00	680	_____
Lime, applied	Ton	1.01	80.00	80.80	81	_____
Side-dressing (Cal Nitrate)	Ton	0.15	725.00	108.75	109	_____
Fertilizer (5-10-15)	Ton	0.60	670.00	402.00	402	_____
Insecticide	Acre	1.00	125.00	125.00	125	_____
Fungicide	Acre	1.00	450.00	450.00	450	_____
Herbicide	Acre	1.00	31.50	31.50	32	_____
Machinery (fuel, lub & maintenance)	Acre	3.00	50.00	150.00	150	_____
Set plants (transplant)	Acre	1.00	500.00	500.00	500	_____
Land rent 1/-	Acre	1.00	0.00	0.00	0	_____
Crop insurance	Ace	1.00	400.00	400.00	400	_____
Irrigation	Appl	8.00	12.50	100.00	100	_____
Interest on Oper. Cap.	\$	3028.05	0.07	105.98	106	_____
<b>PreHarvest Variable Costs</b>	Acre	1.00		<b>3134.03</b>	<b>3,134</b>	_____

<u>Harvest and Marketing Costs</u>	Unit	Quantity	Price	Amt/acre	Total	Yours
Hand harvest labor	Bushel	615.00	1.55	953	953	_____
General labor	Hrs	50.00	12.60	630	630	_____
Grading	Bushel	615.00	1.58	971.70	972	_____
Labeled mesh bags	Ea	100.00	0.50	50.40	50	_____
Cartons	Ea	600.00	1.31	786.00	786	_____
Drying	Bushel	615.00	0.75	461.25	461	_____
Vidalia Onion Committee Assessment	Bag	600.00	0.13	78.00	78	_____
<b>Total Harvest and Marketing</b>				<b>3930.60</b>	<b>3,931</b>	_____
<b>Total Variable Costs</b>				<b>7064.63</b>	<b>7,065</b>	_____

1/- Land rent prices vary significantly from location to location and whether it is irrigated or not.

**FIXED COSTS: Press Button for Calculation of Annual Debt Payment)**

Annual Fixed Cost	Unit	Quantity	Price	Amt/acre	Total	Yours
Machinery	Acre	1.00	542.44	542.44	542	_____
Irrigation	Acre	1.00	320.44	320.44	320	_____
Overhead and Management	\$	3134.03	0.15	470.10	470	_____
<b>Total Fixed Costs</b>				<b>1332.99</b>	<b>1,333</b>	_____
<b>Total budgeted cost per acre</b>				<b>8397.62</b>	<b>8,398</b>	_____

**Costs Per Cwt.**

Preharvest variable cost per box.	5.49
Harvest & marketing cost per box.	6.88
Fixed Outlays per box.	2.33
Total budgeted cost per box	<u>14.71</u>
Breakeven yield	<u>306.00</u>

**EXPECTED RETURNS FROM TOTAL ACREAGE**

ACRES	EXPECTED YIELD/AC	VOLUME MARKETED	EXPECTED PRICE	TOTAL RETURNS
1	615	600	18.00	<u>10,800</u>

**RISK RATED RETURNS OVER CASH FLOW COSTS**

Net return levels (TOP ROW);  
 The chances of obtaining this level or more (MIDDLE ROW); and  
 The chances of obtaining this level or less (BOTTOM ROW).

	<u>Optimistic</u>		<u>Expected</u>		<u>Pessimistic</u>		
Returns(\$)	3,458	2,866	2,273	1,681	1,024	367	-289
Chances	6%	16%	32%	51%	0	0	0
Chances	0	0	0	49%	30%	16%	7%
<b>CHANCES FOR PROFIT</b>	<u>90%</u>		<b>BASE BUDGETED NET REVENUE</b>			<u>2,402</u>	

**Sensitivity Rated Returns Over Cash Flow Costs**