

*Cut Flowers*

# Lisianthus Planning Budget

Using this budget, farmers can estimate the costs and returns for growing lisianthus as a cut flower. Table 1 presents estimates for Missouri based on price forecasts in April 2024. Production area is assumed with 300 plants on 60 square feet growing outdoors in an open field. Detailed assumptions and capital investments are summarized in Tables 2 and 3. Use the “Your estimate” column to plan your cut flower operation’s costs and returns.

**Table 1. Missouri lisianthus budget for 2024.**

	Total per 60 square feet (dollars)	Total per square foot (dollars)	Your estimate
<b>Income</b>			
Cut flowers (50% wholesale)	872.55	14.54	
Cut flowers (50% retail)	1,662.00	27.70	
Total income	2,534.55	42.24	
<b>Operating costs</b>			
Seed	34.00	0.57	
Soil substitute	25.20	0.42	
Propagation tray	84.00	1.40	
Soil test	15.00	0.25	
Composted manure	20.00	0.33	
Black plastic mulch	1.25	0.02	
Insect and pest management	35.00	0.58	
Labor	400.00	6.67	
Flower bands and hydrator powder	10.20	0.17	
Buckets	40.00	0.67	
Utilities and machinery	38.00	0.64	
Marketing	253.46	4.22	
Operating interest	20.32	0.34	
Total operating costs	976.42	16.27	
<b>Ownership costs</b>			
Depreciation and interest on capital investments	801.48	13.36	
Land, overhead, taxes and insurance	75.60	1.26	
Total ownership costs	877.08	14.62	
Total costs	1,853.50	30.89	
<b>Income over operating costs</b>	<b>1,558.13</b>	<b>25.97</b>	
<b>Income over total costs</b>	<b>681.05</b>	<b>11.35</b>	

Note: Totals may not sum due to rounding.

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**Table 2. Input assumptions used in Missouri lisianthus budget for 2024.**

Selected input quantities	Quantity	Selected input prices	Dollars per unit
Lisianthus, stems per plant	2.77	Lisianthus wholesale price, per stem	2.10
Marketing, % of sales	10	Lisianthus retail price, per stem	4.00
Labor, hours	20	Labor, per hour	20.00
Operating interest, %	8.5		

**Table 3. Capital investments used in Missouri lisianthus budget for 2024.**

Item	Unit	Quantity	Price per unit (dollars)	Total (dollars)	Lifespan (years)	Depreciation (dollars)	Interest (dollars)
Irrigation kit	each	1	185.00	185.00	5	37.00	7.86
Fan	each	1	20.00	20.00	5	4.00	0.85
LED grow lights	each	8	2.00	16.00	5	3.20	0.68
Timer	each	1	10.00	10.00	5	2.00	0.43
PVC pipe frame (0.5 inch)	each	8	5.00	40.00	5	8.00	1.70
Low tunnel plastic (10 feet by 100 feet)	each	1	60.00	60.00	4	15.00	2.55
Rebar for tunnel (3/8 inch by 10 feet)	each	23	5.00	115.00	5	23.00	4.89
Hand drill	each	1	50.00	50.00	5	10.00	2.13
Harvest container	each	8	8.00	64.00	5	12.80	2.72
Garden tiller	each	1	500.00	500.00	7	71.43	21.25
Floral cooler	each	1	4,000.00	4,000.00	10	400.00	170.00
<b>Total</b>				<b>5,060.00</b>		<b>586.43</b>	<b>215.05</b>

Farmers can customize this cut flower budget by using the [Cut Flower Enterprise Budget \(XLSX\)](https://muext.us/MONicheAgBudgets) (muext.us/MONicheAgBudgets).

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