

Utah State University  
 Extension Economics  
 Pumpkin Production Budget  
 Estimated Costs & Returns (1997)  
 Per Acre Basis

Item	Unit	Quantity	Price	Total	Your Farm
				.....Dollars.....	

Yield/Receipts:

Farm Sales	Ton	7	150.00	1,050.00	
Other Sales	Ton	8	60.00	480.00	
Total Receipts				1,530.00	

Purchases:

Nitrogen	Lbs	150	0.30	45.00	
Phosphate	Lbs	75	0.29	21.75	
Herbicide, Treflan	Lbs	0.5	6.90	3.45	
Herbicide, Roundup	Lbs	1.5	14.60	21.90	
Seed	Lbs	2	50.00	100.00	
Water Assessment	Acre	1	40.00	40.00	
Total Purchases				232.10	

Machine Costs

Operations:	Time	Fixed	Operating	Hired Labor	Total
					.....Dollars.....

Plow	1	17.19	9.99	3.66	30.84
Disk and Harrow	1	11.12	3.40	1.22	15.74
Fertilizer Application	1	5.75	1.11	0.37	7.23
Herbicide Application	2	2.34	0.86	0.49	5.04
Harrow	1	1.99	1.30	0.73	4.02
Plant	1	23.92	4.70	1.83	30.45
Furrow and Cultivate	3	12.02	3.82	2.44	30.80
Hand hoeing/weeding	1			25.00	25.00
Irrigation	6	3.08	0.18	2.67	20.18
Bins (600 lb) & pallets	30	@ \$10.00 each			300.00
Picking, hauling	1	custom @ \$150/acre			150.00
Hauling to market	100	@ \$0.27/mile			27.00
Marketing and Advertising	1			25.00	25.00
Operating Interest	903.40	@ 10.9% for 6 months			49.24
Total Operating Cost					720.54

Total Listed Costs 952.64

Return to Family Labor, Management, and Land 577.36  
 Breakeven Price to Cover Total Listed Costs (/ton) 63.51

Assumptions:

Chemical rates/prices on an active ingredient basis.  
 Machine labor cost per hour, including benefits – \$7.50

Budget can be used for winter squash by adding storage costs, if applicable, and making other modifications as needed.

Budget prepared by Shawn Olsen, Dan Drost, and Larry K. Bond.