

Utah State University
 Extension Economics
 Lawn Turf Budget
 Estimated Costs & Returns (1997)
 Cache County, Based on 40 Acres

Item	Unit	Quantity	Price	Total		Your Farm
			Dollars.....		
Receipts: ^a						
Sod on farm	Sq Ft	4,704	0.14			658.56
Sod delivered	Sq Ft	34,500	0.16			5,520.00
Total Receipts						6,178.56
Costs:						
Purchases:						
Seed	Lbs	100	3.00			300.00
Nitrogen ^b	Unit	500	0.35			175.00
Phosphate ^b	Unit	200	0.27			54.00
Potash ^b	Unit	80	0.14			11.20
Roundup ^b	Qt	1.5	40.29			60.44
2-4-D ^b	Pt	15	2.40			36.00
Isofenphas ^b	Gallon	2	80.80			161.60
Dithiopyr ^b	Qt	3	37.80			113.40
Soil Test ^b						15.00
Advertising						37.50
Total Purchases						964.14
Operations:						
	Times	Ownership	Operating	Labor		
Disking	2	10.52	2.32	0.75	16.66	
Plane and roll seeding	7	58.11	2.20	0.75	78.76	
Cultipacking	1	18.86	1.90	3.00	23.76	
Irrigation ^c	2	11.24	2.04	0.75	16.82	
Spraying ^d	30	315.20	6.42	4.46	641.60	
Weeding and Maintenance ^d	14	10.50	0.37	0.56	23.52	
Mowing ^d	10			26.73	267.30	
Sod Cutting and loading	30	83.05	0.45	5.69	267.25	
Delivery and Selling	1	342.85	79.11	240.00	661.96	
Trucking Fees	250	@ \$2.00/mile		222.75	222.75	
Water Assessment ^d				27.27	27.27	
Telephone				37.50	37.50	
Property taxes ^d				75.00	75.00	
Insurance ^d				62.50	62.50	
Operating interest ^e	1,943.39	@ 10% for 22 months			356.29	
Total operating Costs:					3,278.94	
Total Listed Costs					4,243.07	

Return to Management and Land	1,935.49
Return to Management and Land per year ^f	967.74

Assumptions:

Acres of sod 40

Annual miles on truck 10,000

^aWastage of 10% results in 38,204 sq ft sold.^bFertilizer on an active ingredient basis, applied through irrigation system over two seasons. Single treatment of Roundup. All other soil and chemical treatments over two seasons.^cIrrigation costs are over two seasons (September of year 1 to June or July of year 3).^dOther costs over two seasons.^eInterest based on average operating expenses over two seasons.^fReturn to Management and Land divided by two since it takes two years per crop.

Budget prepared by DeeVon Bailey and Larry Bond with input from turf farmers.