Ben Eborn

[illegible] annually by the University of Idaho from agricultural supply companies. The selling price for the commodity is typically an historical average price[illegible] projected price. The cost estimate shown here is typical for growing Russet Burbank potatoes under irrigation in [illegible] lower yielding northern counties. The costs shown in Table 1 include the costs to grow, harvest and sort potatoes. The total cost per cwt shown at the bottom of Table 1 is the cost to the end of the piler boom. Transportation costs to a processor or fresh pack facility are not included. Storage costs are shown in Table 2.

Production practices are based on data from potato growers in Bonneville and Madison counties, crop consultants and extension personnel in eastern Idaho. Production practices depicted in this publication are not University of Idaho recommendations. Although production practices may be similar for individual farms, each farm has a unique set of resources with different levels of productivity, differen

Potatoes stored beyond June would likely need refrigeration. The cost of refrigeration was not included in the cost of the storage system used to calculate the annual storage ownership and repair costs.

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Table 1. 2019 Costs to grow, harvest and sort Eastern Idaho Northern region Russet Burbank potatoes.

Item	Quantity Per Acre	Unit	Price or Cost	Value or Cost/Acre
Gross Returns				
Potatoes	365.00	cwt	7.50	$2,737.50
Total Gross Returns				**$2,737.50**
Operating Inputs				
Seed:				**$303.45**
G-3 Russet Burbank Seed	21.00	cwt	12.50	262.50
Seed Cutting	21.00	cwt	1.95	40.95
Fertilizer:				**$301.55**
Dry Nitrogen - Preplant	135.00	lb	0.42	56.70
Dry P2O5	155.00	lb	0.41	63.55
K2O	160.00	lb	0.31	49.60
Sulfur	80.00	lb	0.22	17.60
Liquid Nitrogen	105.00	lb	0.50	52.50
Liquid P2O5	45.00	lb	0.48	21.60
Micronutrients/Humic Acid - CP	1.00	acre	40.00	40.00
Pesticides & Chemicals:				**$217.54**
Seed Treatment	21.00	cwt	0.70	14.70
Admire Pro	8.00	fl oz	1.30	10.40
Regent 4SC	3.20	fl oz	9.25	29.60
Metribuzin 75DF	0.75	lb	14.35	10.76
Outlook 6EC	18.00	fl oz	0.95	17.10
Prowl H2O	2.00	pt	4.65	9.30
Quadris Flowable	8.00	fl oz	1.20	9.60
Bravo Weather Stik	1.50	pt	4.75	7.13
Luna Tranquility	8.00	fl oz	2.50	20.00
Dithane F45 Rainshield	1.60	qt	9.50	15.20
Revus Top	7.00	fl oz	2.20	15.40
Brigadier	6.00	fl oz	1.35	8.10
Fulfill WDG	5.50	fl oz	6.50	35.75
Reglone	2.00	pt	7.25	14.50
Custom & Consultants:				**$58.00**
Custom Fertilize: 400 - 800 lbs	1.00	acre	7.50	7.50
Custom Fertilize: 0 - 400 lbs	1.00	acre	6.50	6.50
Custom Air Spray - 5.0 gal	2.00	acre	9.00	18.00
Consultant & Soil/Pet. Test	1.00	acre	26.00	26.00
Irrigation:				**$72.04**
Water Assessment	1.00	acre	15.00	15.00
Irrigation Repairs - Center Pivot	23.00	acre-inch	0.55	12.65
Irrigation Power - Center Pivot	23.00	acre-inch	1.93	44.39
Machinery:				**$148.61**
Fuel - Gas	4.51	gal	3.15	14.21
Fuel - Farm Diesel	21.30	gal	2.90	61.77
Fuel - Road Diesel	1.91	gal	3.40	6.49
Lube	1.00	$	11.15	11.15
Machinery Repairs	1.00	$	54.99	54.99
Labor:				**$200.96**
Equipment Operator Labor	4.03	hrs	22.50	90.68
Truck Driver Labor	1.86	hrs	17.55	32.64
Irrigation Labor - Center Pivot	0.92	hrs	22.50	20.70
Irrigation Labor - Chem-Fert	0.76	hrs	22.50	17.10
General Farm Labor	2.27	hrs	17.55	39.84
Sorting:				**$62.42**
Sorting Labor	365.00	cwt	0.134	48.91
Sorting Equipment Repairs & Power	365.00	cwt	0.037	13.51
Other:				**$134.22**
Crop Insurance	1.00	acre	75.00	75.00
Fees & Assessments	329.00	cwt	0.18	59.22
Interest on Operating Capital at 7.00%				$50.23
Total Operating Costs				**$1,549.01**
Operating Costs per Unit				**$4.24**
Net Returns Above Operating Costs				**$1,188.49**