

## Production Operations: 2024 Custom Rates

This is a budget tool, not a pricing tool. The Cost Study is from the perspective of a commercial custom farm operation. The 2024 Crop Budget Study was completed using a combination of surveys from custom hire businesses, seed cleaners, farm suppliers, crop advisors and growers. Labor availability, Oregon wage rates, oil prices, supply chain issues, policy, international relations/conflicts, and weather are at the forefront of reasons impacting inputs and outputs. Users need to consider their own line-item inputs and pricing opportunities combined with their purchasing power. Historic yields and your production practices should be used in preparation of this budget. Producers, Seed Dealers and Crop Advisors are encouraged to recommend edits that can be used to refine this budget study.

Operation	Unit of Measure	May 2024 Rates	Grower/User Rates
<b>TILLAGE OPERATIONS</b>			
Heavy Disk & Harrow	Acre	26.10	
Deep Chisel	Acre	24.20	
Light Disk	Acre	19.50	
Subsoil or Rip	Acre	32.85	
Tillage & Finishing Combination	Acre	25.05	
Moldboard Plow	Acre	28.35	
Harrow & Roll	Acre	28.35	
Land Level	Acre	32.20	
Headland	Acre	22.85	
Ditching	Acre	9.05	
<b>FERTILIZER APPLICATION - does not include fertilizer</b>			
Soil Testing	Per Sample	16.85	
Broadcasting Bulk Dry Fertilizer	Acre	11.85	
Spraying Liquid Fertilizer	Acre	17.75	
Tractor Spreading Lime/Dolomite	Acre	24.75	
Tractor Spreading Lime/Dolomite	Ton	10.10	
<b>CHEMICAL APPLICATION- does not include chemical</b>			
Tractor and Sprayer	Acre	12.00	
Boarder Spray	Acre	11.25	
Boarder Spray	Hour	112.30	
Self-Propelled Sprayer - Buggy	Acre	11.70	
Rodent/Slug Control - Walk/ATV	Acre	23.50	
Spot Spray - Walk	Acre	100.00	
Aerial Sprayer	Acre	14.00	
<b>PLANTING &amp; DRILLING</b>			
Small Grains: Conventional Drill	Acre	24.90	
Small Grains: No-Till	Acre	31.00	
Grass Seed	Acre	27.50	
Clover/Alfalfa	Acre	22.50	

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Operation	Unit of Measure	May 2024 Rates	Grower/User Rates
Carbon Seeding	Acre	50.00	
No-Till Seeding	Acre	17.50	
Air Seeder	Acre	24.35	
<b>SEED HARVEST</b>			
Swath/Windrow Grass Seed	Acre	38.50	
Combine Grass Seed	Acre	96.00	
Haul to Cleaner	Acre	8.00	
Windrow, Combine & Haul to Cleaner	Acre	142.50	
<b>GRAIN HARVEST</b>			
Combine Grain	Acre	55.00	
Haul Storage (local)	Acre	12.00	
Combine & Haul to Bin	Acre	91.00	
Tillage, Planting, Pest control, Harvesting & Hauling	Acre	130.00	
<b>SEED CLEANING</b>			
Grass Seed Cleaning	Pound	0.10	
Grass Seed Cleaning (clean weight)	Pound	0.10	
Grass-Seed bagging	Pound	0.03	
Clover Seed Cleaning	Pound	0.09	
Clover Seed bagging	Pound	0.03	
Radish Seed Cleaning and Bagging	Pound	0.09	
Radish Seed bagging	Pound	0.03	
Wheat	Bushel	0.05	
<b>HAY AND STRAW</b>			
Swathing	Acre	22.05	
Raking	Acre	12.65	
Rake: 1000 lb Bale (3 bales per acre)	Acre	3.85	
Baling: Small Bale	Bale	1.45	
Baling: Large Rectangular Bale (1000 lb)	Bale	20.00	
Stack: 1000 lb Bale	Bale	4.85	
Stack Large Round Bales	Bale	15.70	
Swath, Bale & Stack - 1000 lb Hay	Acre	70.00	
Swath, Bale & Stack - 1000 lb Straw	Acre	60.00	

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<b>FIELD BURNING, FLAIL</b>			
Grass-Seed: Field Burning	Acre	27.00	
Flail	Acre	18.75	
<b>HAZELNUT SPECIFIC OPERATIONS</b>			
Tissue Sample	Per Sample	18.60	
Production Pruning	Acre	18.60	
Maintenance Pruning	Acre	23.05	
Brush Removal	Acre	28.35	
Sucker Control	Acre	20.35	
Mulching	Acre	32.50	
Bush Hogging	Acre	37.65	
Urea - Hazelnuts	Acre	9.20	
Potash - Hazelnuts	Acre	8.60	
Herbicide Strip Spray - Hazelnuts	Acre	18.70	
Boron Spray - Hazelnuts	Acre	51.30	
Filbert worm Spray - Hazelnuts	Acre	48.55	
Aphid & Leafroller Spray - Hazelnuts	Acre	25.65	
Harvest Costs - Hazelnuts	Acre	38.35	
Sweeping - Hazelnuts	Acre	30.70	
Loading Totes - Hazelnuts	Acre	42.40	
Washing and Drying Nuts - Hazelnuts	Acre	234.00	
Harvest (shake, sweep, load totes, wash/dry) per pass	Acre	341.00	
<b>Farm Labor</b>			
Labor: General (includes payroll taxes)	Hour	24.00	
Labor: Skilled (includes payroll taxes)	Hour	32.00	