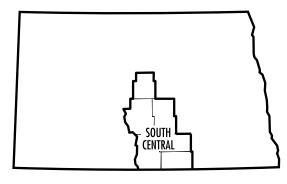


February 2025

Projected 2025 Crop Budgets



South Central North Dakota

Ron Haugen, Farm Management Specialist

Note: This region consists of six counties: Burleigh, Emmons, Kidder, Logan, McIntosh and Sheridan.

The 2025 crop budgets provide an estimate of revenues and costs for selected crops. Each set of budgets are developed for a multi-county region. There is considerable variation in soil type and productivity, weather conditions, as well as management and production practices within each region. Therefore, THESE BUDGETS ARE ONLY INTENDED TO BE USED AS A GUIDE. EVERY INDIVIDUAL IS HIGHLY ENCOURAGED TO DEVELOP THEIR OWN BUDGETS!

The profitability budget accounts for full economic opportunity costs for land and machinery investment, regardless of farm operator equity position. The bottom line is the return to labor and management. This is the expected "payment" to the producer for the labor and managerial efforts required by the crop enterprise. Each individual must make the decision whether it is sufficient.

The budget can be changed to conform to the more common definition of accounting profit (return to unpaid labor and management and the owner equity)

NDSU EXTENSION

by replacing the machinery investment and land charge cost items with your per acre interest and rental expense of machinery and land, and real estate tax if land is owned.

The budget can be used for long run decisions if the revenues and costs are realistic for several years. (Crop prices, direct costs, and the land charge are best estimates for only the 2025 crop year, but crop yields are historic averages and machinery ownership costs are an average for the total length of ownership). If the budget shows a high return to labor and management, and is representative for several years, increased acreage and corresponding investment should be considered. However, if long-run returns to labor and management are unsatisfactory, the best decision may be to exit the crop enterprise and employ the machinery and land investment, and labor and management, in a different enterprise or investment.

For short-run planning decisions you can omit the indirect costs if the land and machinery required to produce the different enterprises are in place. Simply compare the crop enterprises by calculating return over direct costs. Labor requirements and risk should also be considered. Insurance is not available for some crops.

The budget can be used to estimate cashflow by making a few modifications. Machinery depreciation should be omitted and the machinery investment number replaced with your per acre principal and interest payment on machinery debt. For owned land, the land charge should be replaced with your per acre real estate tax and principal and interest payment on land debt.

The 2018 Farm Bill continues the Price Loss Coverage (PLC) and Agricultural Risk Coverage (ARC) support programs. PLC and ARC payments have been omitted from the budgets because those payments, if any, are tied to historic farm program base acres, not to current crop selection or production.

Primary Assumptions:

Crops are planted on dryland recrop ground. Costs of moving crop to local market/storage are included.

The budgets for the South West, North West, South Central and North Central regions typically represent production systems where soil disturbance only occurs at seeding.

Market Price: Best estimates of NDSU Extension economists. The greater of projected market price and marketing loan rate is used.

Market Yields: Average yield for the 7-year period 2017-2023, after the low and high yield years are removed. Yields for safflower, yellow mustard, buckwheat, millet, rye and chickpea are from NDSU Extension agronomists and industry sources.

Fertilizer: Cost of fertilizer applied, based on soil test, to meet yield goal. N fertilizer can be reduced if previous crop was soybean, dry bean, field pea or lentil.

Fertilizer prices:

Nitrogen - .52/lb Phosphorus - .67/lb Potassium - .42/lb

Seed Prices:

Spring Wheat

Durum 16.00/bu
Barley 11.00/bu
Corn GM 3.00/thou.kern.
Soybean GM .34/thou.kern.
Dry Bean 1.05/thou.kern.
Oil Sunflower 1.71/thou.kern.

14.00/bu

Conf. Sunflower 3.02/thou.kern. Canola 15.80/lb Flax 20.00/bu Field Pea 20.00/bu 8.00/bu Oat Lentil .30/lb Mustard .98/lb Buckwheat .52/lb Millet .60/lb Winter Wheat 12.00/bu 10.00/bu Rye

Fuel Prices:

Diesel 2.65/gal Gasoline 2.90/gal

Lubrication Charge: 15% of fuel cost

Crop Insurance: Revenue Protection used for all wheat, barley, soybean, corn, canola, sunflower, field pea, dry bean and lentil with a 75% coverage level and enterprise units. APH insurance was used for other crops for which 70% coverage and optional units were assumed.

Miscellaneous: Soil testing, machinery rent and custom work.

Operating Interest: Direct costs charged 7.5% interest for 6-month period.

Misc. Overhead: Machinery housing and insurance at .5% and .85%, respectively, of average machinery investment (also, liability insurance and license fees of trucks). In addition, \$5.00 per acre is assumed for general farm utilities, farm publications, meetings, dues, income tax preparation, legal fees, etc.

Land Charge: Average cash rent.

Machinery Investment: 4.0% real interest rate, over the years of machine ownership, is charged on average machinery investment. The real, or inflation adjusted, rate is the commercial rate minus the inflation rate. Ave. mach. investment = (Purchase price + Disposal price)/2

Depreciation: (Purchase price - disposal price / years ownership)

Spring Wheat

Durum

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	43		49	
Market Price	6.27		7.27*	
MARKET REVENUE	269.61		356.23	
DIRECT COSTS				
-Seed	23.80		28.80	
-Herbicides	28.70		28.70	
-Fungicides**	10.50		10.50	
-Insecticides***	0.00		0.00	
-Fertilizer	73.21		85.31	
-Crop Insurance	6.50		6.80	
-Fuel & Lubrication	14.06		14.41	
-Repairs	21.89		22.09	
-Drying	0.00		0.00	
-Miscellaneous	10.00		10.00	
-Operating Interest	7.08		7.75	
2 P 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	=======		=======	
SUM OF LISTED DIRECT COSTS	195.74		214.36	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.84		9.96	· ———
-Machinery Depreciation	25.75		26.17	
-Machinery Investment	13.01		13.19	
-Land Charge	60.00		60.00	
SUM OF LISTED INDIRECT COSTS	108.60	========	====== 109.32	========
COM OF EIGHED INDIFFECT COOLS	100.00	·	100.02	
SUM OF ALL LISTED COSTS	304.34		323.68	- <u></u>
RETURN TO LABOR & MANAGEMENT	(34.73)		32.55	
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu):	
-Direct Costs	`4.5́5		4.37	
-Indirect Costs	2.53		2.23	
-Total Costs	7.08		6.61	

Wheat notes:

^{*}Durum price is for milling quality. There is risk of lower quality and lower price.

^{**}Includes seed treatment, an early season foliar fungicide, and a late season fungicide. Prothioconazole, metconazole or pydiflumetofen containing products are highly recommended when conditions are favorable for fusarium head blight (scab).

^{***}Cereal grain aphid insecticide would cost about \$4.

Malting Barley Corn Grain

Market Yield 64 113 Market Price 4.99* 4.00 MARKET REVENUE 319.36 452.00 DIRECT COSTS 319.36 452.00 Seed 17.60 87.00* -Herbicides 27.90 31.60 -Fungicides 10.50*** 0.00 -Insecticides 0.00 0.00 -Insecticides 0.00 0.00 -Fertilizer 66.84 103.39 -Crop Insurance 5.40 9.80 -Fuel & Lubrication 15.29 22.15 -Repairs 22.59 28.60 -Drying 0.00 22.60 -Miscellaneous 10.00 10.00 -Operating Interest 6.60 11.82 SUM OF LISTED DIRECT COSTS 182.72 326.96 INDIRECT (FIXED) COSTS 13.22 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN		Per Acre	Your Figures	Per Acre	Your Figures
Market Price 4.99* 4.00 MARKET REVENUE 319.36 452.00 DIRECT COSTS -Seed 17.60 87.00* -Herbicides 27.90 31.60 -Fungicides 10.50** 0.00 -Insecticides 0.00 0.00 -Insecticides 0.00 0.00 -Fertilizer 66.84 103.39 -Crop Insurance 5.40 9.80 -Fuel & Lubrication 15.29 22.15 -Repairs 22.59 28.60 -Drying 0.00 22.60 -Miscellaneous 10.00 10.00 -Operating Interest 6.60 11.82 SUM OF LISTED DIRECT COSTS 182.72 326.96 INDIRECT (FIXED) COSTS -Machinery Depreciation 27.21 44.03 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 SUM OF ALL LISTED COSTS 111.11 138.32 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO	Market Yield	64		113	
MARKET REVENUE 319.36 452.00 DIRECT COSTS -Seed 17.60 87.00* -Herbicides 27.90 31.60 -Insecticides -Fungicides 10.50*** 0.00 0.00 -Insecticides 0.00 0.00 0.00 -Fertilizer 66.84 103.39 0.00 -Froi & Lubrication 15.29 22.15 0.00 -Fuel & Lubrication 15.29 22.15 0.00 -Repairs 22.59 28.60 0.00 -Drying 0.00 22.60 0.00 -Miscellaneous 10.00 10.00 0.00 -Operating Interest 6.60 11.82 0.00 SUM OF LISTED DIRECT COSTS 182.72 326.96 0.00 INDIRECT (FIXED) COSTS 10.27 13.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00					
DIRECT COSTS -Seed					
Seed	MARKET REVENUE	319.36		452.00	
Seed	DIRECT COSTS				
-Fungicides 10.50** 0.00 0.00 0.00 0.00 0.00 0.00 0.0		17.60		87.00*	
-Insecticides 0.00 0.00 -Fertilizer 66.84 103.39 -Crop Insurance 5.40 9.80 -Fuel & Lubrication 15.29 22.15 -Repairs 22.59 28.60 -Drying 0.00 22.60 -Miscellaneous 10.00 10.00 -Operating Interest 6.60 11.82 SUM OF LISTED DIRECT COSTS 182.72 326.96 INDIRECT (FIXED) COSTS -Misc. Overhead 10.27 13.22 -Machinery Depreciation 27.21 44.03 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 111.11 138.32 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu): (bu):	-Herbicides	27.90		31.60	
-Insecticides 0.00 0.00 -Fertilizer 66.84 103.39 -Crop Insurance 5.40 9.80 -Fuel & Lubrication 15.29 22.15 -Repairs 22.59 28.60 -Drying 0.00 22.60 -Miscellaneous 10.00 10.00 -Operating Interest 6.60 11.82 SUM OF LISTED DIRECT COSTS 182.72 326.96 INDIRECT (FIXED) COSTS -Misc. Overhead 10.27 13.22 -Machinery Depreciation 27.21 44.03 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 111.11 138.32 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu): (bu):	-Fungicides	10.50**		0.00	
-Fertilizer 66.84 103.39 -Crop Insurance 5.40 9.80 -Fuel & Lubrication 15.29 22.15 -Repairs 22.59 28.60 -Drying 0.00 22.60 -Miscellaneous 10.00 10.00 -Operating Interest 6.60 11.82 SUM OF LISTED DIRECT COSTS 182.72 326.96 INDIRECT (FIXED) COSTS -Misc. Overhead 10.27 13.22 -Machinery Depreciation 27.21 44.03 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 111.11 138.32 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu): (bu):	· ·				
-Crop Insurance 5.40 9.80 -Fuel & Lubrication 15.29 22.15Repairs 22.59 28.60Drying 0.00 22.60Miscellaneous 10.00 10.00Operating Interest 6.60 11.82					
-Fuel & Lubrication 15.29					
-Repairs					
-Drying 0.00 22.60		22.59		28.60	
-Miscellaneous 10.00 10.00 11.82	•	0.00			
-Operating Interest 6.60 11.82					
SUM OF LISTED DIRECT COSTS 182.72 326.96 INDIRECT (FIXED) COSTS 10.27 13.22 -Misc. Overhead 10.27 44.03 -Machinery Depreciation 27.21 44.03 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 111.11 138.32 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu) : LISTED COSTS PER BUDGET UNIT (bu) :					
INDIRECT (FIXED) COSTS -Misc. Overhead 10.27 13.22 10.27 -Machinery Depreciation 27.21 44.03 10.27 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 10.27 SUM OF LISTED INDIRECT COSTS 111.11 138.32	5 · · · · · · · · · · · · · · · · · · ·			======	
INDIRECT (FIXED) COSTS -Misc. Overhead 10.27 13.22 10.27 -Machinery Depreciation 27.21 44.03 10.27 -Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 10.27 SUM OF LISTED INDIRECT COSTS 111.11 138.32	SUM OF LISTED DIRECT COSTS	182.72			
-Misc. Overhead 10.27 13.22 14.03 15.21 14.03 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15					
-Misc. Overhead 10.27 13.22 14.03 15.21 14.03 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15.21 15.22 15	INDIRECT (FIXED) COSTS				
-Machinery Investment 13.63 21.07 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 111.11 138.32 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu): (bu):		10.27		13.22	
-Machinery Investment 13.63 21.07 60.00 60.00 60.00 60.00 50	-Machinery Depreciation	27.21		44.03	
-Land Charge 60.00		13.63		21.07	
SUM OF LISTED INDIRECT COSTS 111.11 138.32 SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu): (bu):		60.00		60.00	
SUM OF ALL LISTED COSTS 293.83 465.28 RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu) : (bu) :	•	=======		======	
RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu): (bu):	SUM OF LISTED INDIRECT COSTS	111.11		138.32	
RETURN TO LABOR & MANAGEMENT 25.53 (13.28) LISTED COSTS PER BUDGET UNIT (bu): (bu):					
LISTED COSTS PER BUDGET UNIT (bu): (bu):	SUM OF ALL LISTED COSTS	293.83		465.28	
LISTED COSTS PER BUDGET UNIT (bu): (bu):					
	RETURN TO LABOR & MANAGEMENT	25.53		(13.28)	
	LISTED COSTS PER BUDGET UNIT	(bu) :		(bu):	
	-Direct Costs	2.86		2.89	
-Indirect Costs 1.74 1.22		1.74			
-Total Costs 4.59 4.12	-Total Costs	4.59		4.12	

Barley notes:

Corn notes:

^{*}There is risk of not making malting barley quality. Use \$3.25 for feed barley.

^{**}Includes seed treatment, an early season foliar fungicide, and a late season fungicide. Prothioconazole, metconazole or pydiflumetofen containing products are highly recommended when conditions are favorable for fusarium head blight (scab).

^{*}GM corn with herbicide tolerance and above ground insect control traits.

Soybean

Drybean

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	32		1640	
Market Price	9.45		0.27	
MARKET REVENUE	302.40		442.80	
DIDEOT COSTO				
DIRECT COSTS -Seed	65.80*		86.63	
-Seeu -Herbicides	27.20		54.70*	·
	_		20.00**	
-Fungicides	0.00			
-Insecticides	4.00**		0.00	
-Fertilizer	7.77		53.36	
-Crop Insurance	7.70		12.50	
-Fuel & Lubrication	13.43		18.29	
-Repairs	21.33		26.48	
-Drying	0.00		0.00	
-Miscellaneous	5.50		15.50	
-Operating Interest	5.73		10.78	
0.04.05.1.0755.5.555.5	=======	========	=======	=========
SUM OF LISTED DIRECT COSTS	158.46		298.24	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.69		10.96	
	26.17		33.07	
-Machinery Depreciation	12.89		16.82	
-Machinery Investment				
-Land Charge	60.00		60.00	
SUM OF LISTED INDIRECT COSTS	108.75	========	====== 120.85	========
SOM OF LISTED INDIRECT COSTS	106.75		120.65	·
SUM OF ALL LISTED COSTS	267.21		419.09	
RETURN TO LABOR & MANAGEMENT	35.19		23.71	
LISTED COSTS PER BUDGET UNIT	(bu) :		(lb):	
-Direct Costs	4.95		0.182	
-Indirect Costs	3.40		0.074	
-Total Costs	8.35		0.256	

Soybean notes:

Drybean notes:

^{*}GM soybeans with herbicide tolerance. The cost includes \$8 for inoculant and fungicide treatment in addition to seed expense.

^{**}Insecticide for soybean aphid, spider mite, or foliage-feeding caterpillars.

^{*}Includes dessicant prior to straight cutting.

^{**}Fungicide for white mold. Fungicide for rust at \$4-\$12 plus application maybe necessary.

Oil Sunflower

Confectionery Sunflower

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	2000		1800	
Market Price	0.201		0.281	
MARKET REVENUE	402.00		505.80	
DIRECT COSTS	0700		54.00	
-Seed	37.62		54.36	
-Herbicides	37.20		40.20	
-Fungicides	0.00*		0.00*	
-Insecticides	5.00**		10.00**	
-Fertilizer	68.06		59.90	
-Crop Insurance	9.00		21.50	
-Fuel & Lubrication	16.08		15.71	
-Repairs	22.47		22.26	
-Drying	8.00		7.20	
-Miscellaneous	20.00		30.00	
-Operating Interest	8.38		9.79	
SUM OF LISTED DIRECT COSTS	231.81		270.92	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.79		10.66	
-Machinery Depreciation	29.53		29.08	
-Machinery Investment	15.22		15.04	
-Land Charge	60.00		60.00	
Land Onlingo	=======		======	
SUM OF LISTED INDIRECT COSTS	115.54		114.78	
SUM OF ALL LISTED COSTS	347.35		385.70	
RETURN TO LABOR & MANAGEMENT	54.65		120.10	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.116		0.151	
-Indirect Costs	0.058		0.064	
-Total Costs	0.174		0.214	

Oil Sunflower notes:

Confection Sunflower notes:

^{*}Fungicide for rust would cost \$4 plus application.

^{**}One spraying for head feeding insects (red seed weevil, lygus bug and banded moths). Custom application cost of \$8 is under "Miscellaneous." Foliar applied insecticide for cutworms would cost about \$5 per acre plus application (usually tank mixed with herbicide).

^{*}Fungicide for rust would cost \$4 plus application.

^{**}Two sprayings for head feeding insects (red seed weevil, lygus bug and banded moths) at about \$5 per application. Each custom application cost of \$8 is under "Miscellaneous." Foliar applied insecticide for cutworms would cost about \$5 per acre plus application (usually tank mixed with herbicide).

Canola

Flax

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1580		16	
Market Price	0.191		11.07	
MARKET REVENUE	301.78		177.12	
DIRECT COSTS				
-Seed	79.00		18.00	
-Herbicides	15.60		33.60	
-Fungicides	0.00*		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	87.87		24.55	
-Crop Insurance	6.50		11.50	
-Fuel & Lubrication	13.41		13.51	= <u></u> -
-Repairs	21.08		22.15	= <u></u> -
-Drying	0.00		0.00	
-Miscellaneous	10.00		2.00	
-Operating Interest	8.75		4.70	
	=======	=========	=======	=========
SUM OF LISTED DIRECT COSTS	242.21		130.01	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.49		9.61	
-Machinery Depreciation	25.95		26.34	
-Machinery Investment	12.37		13.17	
-Land Charge	60.00		60.00	
3	=======		======	
SUM OF LISTED INDIRECT COSTS	107.81		109.12	·
SUM OF ALL LISTED COSTS	350.02		239.13	
RETURN TO LABOR & MANAGEMENT	(48.24)		(62.01)	
LISTED COSTS PER BUDGET UNIT	(lb):		(bu):	
-Direct Costs	0.153		8.13	
-Indirect Costs	0.068		6.82	
-Total Costs	0.222		14.95	

Canola notes:

^{*}Fungicide for white mold would cost about \$18 plus application.

Field Pea

Oat

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	36.5750		58	
Market Price	8.00		2.46	
MARKET REVENUE	292.60		142.68	
DIRECT COSTS				
-Seed	60.00		16.00	
-Herbicides	39.70		12.30	
-Fungicides	3.00		0.00	
-Insecticides	0.00*		0.00	
-Fertilizer	13.27		48.85	
-Crop Insurance	6.00		13.50	
-Fuel & Lubrication	14.98		16.22	
-Repairs	23.18		23.27	
-Drying	0.00		0.00	
-Miscellaneous	10.00		10.00	
-Operating Interest	6.38		5.26	
	=======	=========	=======	=========
SUM OF LISTED DIRECT COSTS	176.51		145.40	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.04		10.64	
-Machinery Depreciation	28.57		28.75	
-Machinery Investment	13.79		14.92	
-Land Charge	60.00		60.00	
.	=======		======	
SUM OF LISTED INDIRECT COSTS	112.40		114.31	
SUM OF ALL LISTED COSTS	288.91		259.71	
RETURN TO LABOR & MANAGEMENT	3.69		(117.03)	
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs			` '	
	4.83		2.51	
-Indirect Costs	` '		2.51 1.97	

Field Pea notes:

^{*}Foliar insecticide for cutworms and/or pea aphids would cost about \$4 per acre plus application.

Yellow Mustard Lentil

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1200		800	
Market Price	0.25		0.30	
	0.20		0.00	
MARKET REVENUE	300.00		240.00	
DIRECT COSTS				
-Seed	21.00		13.72	
-Herbicides	39.20*		22.60	
-Fungicides	16.00**		0.00	
-Insecticides	0.00***		0.00	
-Fertilizer	7.24	- 	31.13	
-Crop Insurance	7.00	-	0.00*	-
-Fuel & Lubrication	16.23	- 	13.66	- <u></u>
-Repairs	26.37		21.82	
-Drying	0.00		0.00	
-Miscellaneous	10.00		10.00	
-Operating Interest	5.36		4.24	
	=======	========	=======	=========
SUM OF LISTED DIRECT COSTS	148.40		117.17	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.54		9.75	
-Machinery Depreciation	32.10		25.72	
-Machinery Investment	15.44		13.64	
-Land Charge	60.00		60.00	
OUNT OF LIGHTED INIDIDECT COOTS	=======	=========	======	=========
SUM OF LISTED INDIRECT COSTS	118.08	-	109.11	-
SUM OF ALL LISTED COSTS	266.48		226.28	
RETURN TO LABOR & MANAGEMENT	33.52		13.72	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.124		0.146	
-Indirect Costs	0.098		0.136	
-Total Costs	0.222		0.283	
	V		3.230	

Lentil notes:

Yellow Mustard notes:

^{*}Includes pre-harvest dessicant.

^{**}Fungicide treatment for ascochyta/anthracnose.
***Foliar insecticide for cutworms, pea aphids and/or grasshoppers would cost about \$4 per acre plus application.

^{**}Crop insurance is not available in this region.

Buckwheat

Millet

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	900		1500	
Market Price	0.24		0.11	
MARKET REVENUE	216.00		165.00	
DIRECT COSTS				
-Seed	26.00		15.00	
-Herbicides	20.70		11.10	
-Fungicides	0.00		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	22.29		29.65	
-Crop Insurance	10.00*		0.00	
-Fuel & Lubrication	13.32		14.58	
-Repairs	21.00		22.34	
-Drying	0.00	·	0.00	- -
-Miscellaneous	2.00	·	10.00	- -
-Operating Interest	4.32		3.85	
	======	========	======	========
SUM OF LISTED DIRECT COSTS	119.63		106.52	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.56		10.07	
-Machinery Depreciation	25.15		26.81	
-Machinery Investment	12.88		14.10	
-Land Charge	60.00		60.00	
Land Gharge	=======		======	
SUM OF LISTED INDIRECT COSTS	107.59		110.98	
SUM OF ALL LISTED COSTS	227.22		217.50	
RETURN TO LABOR & MANAGEMENT	(11.22)		(52.50)	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.133		0.071	
-Indirect Costs	0.120		0.074	
-Total Costs	0.252		0.145	

Buckwheat notes:

^{*}Crop insurance is not available in some counties of the region.

Winter Wheat Rye

Market Yield 48* 43 Market Price 5.53 6.24 MARKET REVENUE 265.44 268.32 DIRECT COSTS -Seed 13.20 12.00 -Herbicides 24.60 4.00 - -Insecticides 0.00 0.00 - -Insecticides 0.00 0.00 - -Insecticides 0.00 0.00 - -Fertilizer 83.29 73.21 - -Fuel & Lubrication 13.11 13.06 - -Fuel & Lubrication 13.11 13.06 - -Repairs 20.01 19.81 - -Drying 0.00 0.00 0.00 -Miscellaneous 10.00 10.00 - -Operating Interest 6.78 5.44 - SUM OF LISTED DIRECT COSTS 187.49 150.52 - INDIRECT (FIXED) COSTS - 9.45 9.46 - -Machinery Investment 11.70 11.88 -		Per Acre	Your Figures	Per Acre	Your Figures
Market Price 5.53 6.24 MARKET REVENUE 265.44 268.32 DIRECT COSTS	Market Yield	48*		43	
DIRECT COSTS Seed 13.20 12.00					
DIRECT COSTS Seed 13.20 12.00					
Seed	MARKET REVENUE	265.44		268.32	
Seed	DIRECT COSTS				
Herbicides		13.20		12.00	
-Fungicides 10.00 0.00	-Herbicides				
-Insecticides 0.00 0.00					
-Fertilizer 83.29 73.21 -Crop Insurance 6.50 13.00 -Fuel & Lubrication 13.11 13.06 -Repairs 20.01 19.81 -Drying 0.00 0.00 -Miscellaneous 10.00 10.00 -Operating Interest 6.78 5.44 SUM OF LISTED DIRECT COSTS 187.49 150.52 INDIRECT (FIXED) COSTS -Misc. Overhead 9.45 9.46 -Machinery Depreciation 24.09 24.05 -Machinery Investment 11.70 11.88 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	•				
-Crop Insurance 6.50 13.00 -Fuel & Lubrication 13.11 13.06 -Fuel & Lubrication 19.81 -Fuel & Lubri					
-Fuel & Lubrication 13.11 13.06 -Repairs 20.01 19.81 -Drying 0.00 0.00 -Miscellaneous 10.00 10.00 -Operating Interest 6.78 5.44					
-Repairs 20.01 19.81	•				
-Drying 0.00 0.00 10.00 10.00 -Miscellaneous 10.00 10.00 10.00 -Operating Interest 6.78 5.44		_			
-Miscellaneous 10.00 10.00	•				
-Operating Interest 6.78 5.44					
SUM OF LISTED DIRECT COSTS 187.49 150.52 INDIRECT (FIXED) COSTS 9.45 9.46 -Misc. Overhead 9.45 9.46 -Machinery Depreciation 24.09 24.05 -Machinery Investment 11.70 11.88 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45					
INDIRECT (FIXED) COSTS -Misc. Overhead 9.45 9.46 -Machinery Depreciation 24.09 24.05 -Machinery Investment 11.70 11.88 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	1 3	======	========	=======	
-Misc. Overhead 9.45 9.46 -Machinery Depreciation 24.09 24.05 -Machinery Investment 11.70 11.88 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	SUM OF LISTED DIRECT COSTS	187.49		150.52	
-Misc. Overhead 9.45 9.46 -Machinery Depreciation 24.09 24.05 -Machinery Investment 11.70 11.88 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45					
-Machinery Depreciation 24.09 24.05 -Machinery Investment 11.70 11.88 -Land Charge 60.00 60.00 SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	INDIRECT (FIXED) COSTS				
-Machinery Investment 11.70	-Misc. Overhead	9.45		9.46	
-Land Charge 60.00	-Machinery Depreciation	24.09		24.05	
SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT -Direct Costs -Indirect Costs (bu): 3.50 - 3.	-Machinery Investment	11.70		11.88	
SUM OF LISTED INDIRECT COSTS 105.24 105.39 SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT -Direct Costs -Indirect Costs (bu): 3.50 -3.50	-Land Charge	60.00		60.00	
SUM OF ALL LISTED COSTS 292.73 255.91 RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45			========		=========
RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	SUM OF LISTED INDIRECT COSTS	105.24		105.39	
RETURN TO LABOR & MANAGEMENT (27.29) 12.41 LISTED COSTS PER BUDGET UNIT (bu): (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45					
LISTED COSTS PER BUDGET UNIT (bu): (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	SUM OF ALL LISTED COSTS	292.73		255.91	
LISTED COSTS PER BUDGET UNIT (bu): (bu): -Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	RETURN TO LABOR & MANAGEMENT	(27.29)		12.41	
-Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45		(=::=0)			-
-Direct Costs 3.91 3.50 -Indirect Costs 2.19 2.45	LISTED COSTS PER BUDGET UNIT	(bu):		(bu) :	
-Indirect Costs 2.19 2.45		` '			
-Total Costs 6.10 5.95	-Indirect Costs	2.19			
	-Total Costs	6.10		5.95	

Winter Wheat notes:

^{*}Yield is per harvested acre. There is some risk of acreage abandonment in spring.

