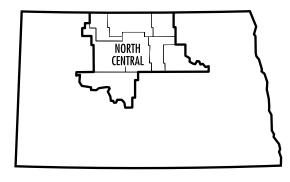


February 2024

Projected 2024 Crop Budgets



North Central North Dakota

Ron Haugen, Farm Management Specialist

This region consists of eight counties: Benson, Bottineau, McHenry, McLean, Pierce, Renville, Rolette and Ward.

The 2024 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 HIS/HER 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 owner equity) 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 2024 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 2016-2022, after the low and high yield years are removed. Yields for safflower, yellow mustard, buckwheat, millet, rye and chickpeas 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 peas or lentil.

Fertilizer prices:

Nitrogen - .53/lb Phosphorus - .67/lb Potassium - .44/lb

Seed Prices:

Spring Wheat

Durum 17.00/bu
Barley 12.00/bu
Corn GM 3.00/thou.kern.
Soybean GM .34/thou.kern.
Dry Beans 1.05/thou.kern.

15.00/bu

Oil Sunflower 1.05/thou.kern.
Conf. Sunflower 3.02/thou.kern.

Canola 15.80/lb Flax 20.00/bu Field Peas 20.00/bu Oats 9.00/bu .30/lb Lentils Mustard .98/lb Buckwheat .52/lb .60/lb Millet Winter Wheat 13.00/bu Rye 11.00/bu

Fuel prices:

Diesel 3.55/gal Gasoline 2.90/gal

Lubrication charge: 15% of fuel cost

Crop Insurance: Revenue Protection was used for all wheat, barley, soybeans, corn, canola, sunflowers, field peas, dry beans and lentils 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 8.0% 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	51		51	
Market Price	6.94		8.15*	
MARKET REVENUE	353.94		415.65	
DIRECT COSTS				
-Seed	25.50		34.00	
-Herbicides	29.30		29.30	
-Fungicides**	10.50		18.50	
-Insecticides***	0.00		0.00	
-Fertilizer	82.94		82.94	
-Crop Insurance	7.20		9.00	
-Fuel & Lubrication	21.72		21.72	
-Repairs	23.34		23.34	
-Drying	0.00		0.00	
-Miscellaneous	2.00		2.00	
-Operating Interest	8.10		8.83	
	======	========	=======	=========
SUM OF LISTED DIRECT COSTS	210.60		229.63	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.32		10.32	
-Machinery Depreciation	27.19		27.19	
-Machinery Investment	14.18		14.18	
-Land Charge	55.00		55.00	
g-	=======		======	
SUM OF LISTED INDIRECT COSTS	106.69		106.69	
SUM OF ALL LISTED COSTS	317.29		336.32	
RETURN TO LABOR & MANAGEMENT	36.65		79.33	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	4.13		4.50	
-Indirect Costs	2.09		2.09	
-Total Costs	6.22		6.59	

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. Wheat midge insecticide would cost about \$6.

Malting Barley Corn Grain

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	75		107	
Market Price	5.20*		4.40	
MARKET REVENUE	390.00		470.80	
DIRECT COSTS				
-Seed	19.20		87.00*	
-Herbicides	27.90		31.60	
-Fungicides	18.50**		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	74.33		91.87	
-Crop Insurance	5.50		10.50	
-Fuel & Lubrication	23.46		31.34	
-Repairs	23.90		29.15	
-Drying	0.00		21.40	
-Miscellaneous	2.00		2.00	
-Operating Interest	7.79		12.19	
-	=======	========	=======	========
SUM OF LISTED DIRECT COSTS	202.58		317.05	
INDIDECT (FIVED) COCTO				
INDIRECT (FIXED) COSTS -Misc. Overhead	10.77		13.29	
	28.61		43.64	
-Machinery Depreciation				
-Machinery Investment	14.76		21.45	
-Land Charge	55.00 ======		55.00 =====	
SUM OF LISTED INDIRECT COSTS	109.14		133.38	
SUM OF ALL LISTED COSTS	311.72		450.43	
RETURN TO LABOR & MANAGEMENT	78.28		20.37	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	2.70		2.96	
-Indirect Costs	1.46		1.25	
-Total Costs	4.16		4.21	

Barley notes:

Corn notes:

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

^{*}There is risk of not making malting barley quality. Use \$3.75 for feed barley.

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

Soybeans

Drybeans

Market Yield 31 1590 Market Price 10.85 0.34 MARKET REVENUE 336.35 540.60 DIRECT COSTS -Seed 65.80* 86.63 -Herbicides 27.20 54.70* -Insecticides -Herbicides 0.00 20.00** -Insecticides -Insecticides 0.00* 20.00** -Insecticides -Insecticides 0.00** 0.00 0.00 -Fertilizer 11.16 38.32 0.00 -Freilizer 11.16 38.32 0.00 -Fuel & Lubrication 16.66 23.86 0.00 -Fuel & Lubrication 16.66 23.86 0.00 -Pepairs 19.48 25.48 0.00 -Prying 0.00 0.00 0.00 -Miscellaneous 5.50 15.00 -Operating Interest 6.04 11.10		Per Acre	Your Figures	Per Acre	Your Figures
MARKET REVENUE 336.35 540.60 DIRECT COSTS -Seed 65.80* 86.63 -Herbicides 2720 54.70* -Fungicides 0.00 20.00** -Insecticides 0.00** 0.00 -Insecticides 0.00** 0.00 -Fertilizer 11.16 38.32 -Crop Insurance 5.30 13.50 -Fuel & Lubrication 16.66 23.86 -Repairs 19.48 25.48 -Drying 0.00 0.00 -Miscellaneous 5.50 15.00 -Operating Interest 6.04 11.10 SUM OF LISTED DIRECT COSTS 157.14 288.59 INDIRECT (FIXED) COSTS 157.14 288.59 INDIRECT (FIXED) COSTS 157.14 288.59 SUM OF LISTED INDIRECT COSTS 10.75 1.31.81 -Land Charge 55.00 55.00 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LI	Market Yield	31		1590	
DIRECT COSTS Seed 65.80* 86.63 Herbicides 27.20 54.70* S4.70* S4.7					
Seed 65.80* 86.63	MARKET REVENUE	336.35		540.60	
Seed 65.80* 86.63	DIRECT COSTS				
-Fungicides 0.00 20.00** -Insecticides 0.00** -Insecticides 0.00** -Fertilizer 11.16 38.32 -Crop Insurance 5.30 13.50 -Fuel & Lubrication 16.66 23.86 -Repairs 19.48 25.48 -Drying 0.00 0.00 -Miscellaneous 5.50 15.00 -Operating Interest 6.04 11.10		65.80*		86.63	
-Fungicides 0.00 20.00** -Insecticides 0.00** -Insecticides 0.00** -Fertilizer 11.16 38.32 -Crop Insurance 5.30 13.50 -Fuel & Lubrication 16.66 23.86 -Repairs 19.48 25.48 -Drying 0.00 0.00 -Miscellaneous 5.50 15.00 -Operating Interest 6.04 11.10 SUM OF LISTED DIRECT COSTS 157.14 288.59 INDIRECT (FIXED) COSTS -Misc. Overhead 9.32 10.75 -Machinery Depreciation 24.24 31.81 -Machinery Investment 11.83 16.21 -Land Charge 55.00 55.00 SUM OF ALL LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT (bu): (lb): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	-Herbicides	27.20		54.70*	
-Insecticides 0.00** 0.00					
-Fertilizer 11.16 38.32	<u> </u>				
-Crop Insurance 5.30 13.50					
-Fuel & Lubrication 16.66 23.86					
-Repairs 19.48 25.48 -Drying 0.00 0.00 -Miscellaneous 5.50 15.00 -Operating Interest 6.04 11.10 SUM OF LISTED DIRECT COSTS 157.14 288.59 INDIRECT (FIXED) COSTS -Misc. Overhead 9.32 10.75 -Machinery Depreciation 24.24 31.81 -Machinery Investment 11.83 16.21 -Land Charge 55.00 55.00 SUM OF LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT (bu): (lb): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072					
-Drying 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.					
-Miscellaneous 5.50 15.00	•				
-Operating Interest 6.04 11.10					
SUM OF LISTED DIRECT COSTS 157.14 288.59 INDIRECT (FIXED) COSTS -Misc. Overhead 9.32 10.75 -Machinery Depreciation 24.24 31.81 -Machinery Investment 11.83 16.21 -Land Charge 55.00 55.00 SUM OF LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT (bu): (lb): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072					
INDIRECT (FIXED) COSTS -Misc. Overhead 9.32 10.75 -Machinery Depreciation 24.24 31.81 -Machinery Investment 11.83 16.21 -Land Charge 55.00 55.00 SUM OF LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT (bu): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	, ,	======		======	
-Misc. Overhead 9.32 10.75 -Machinery Depreciation 24.24 31.81 -Machinery Investment 11.83 16.21 -Land Charge 55.00 55.00 SUM OF LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT (bu): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	SUM OF LISTED DIRECT COSTS	157.14		288.59	
-Misc. Overhead 9.32 10.75 -Machinery Depreciation 24.24 31.81 -Machinery Investment 11.83 16.21 -Land Charge 55.00 55.00 SUM OF LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT (bu): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	INDIRECT (EIVED) COSTS				
-Machinery Depreciation 24.24 31.81		0.32		10.75	
-Machinery Investment 11.83 16.21					
-Land Charge 55.00 55.00 55.00					
SUM OF LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT -Direct Costs -Indirect Costs 5.07 -					
SUM OF LISTED INDIRECT COSTS 100.39 113.77 SUM OF ALL LISTED COSTS 257.53 402.36 RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT -Direct Costs -Indirect Costs 5.07 -	-Land Charge				
RETURN TO LABOR & MANAGEMENT 78.82 138.24 LISTED COSTS PER BUDGET UNIT (bu): (lb): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	SUM OF LISTED INDIRECT COSTS				
LISTED COSTS PER BUDGET UNIT (bu): (lb): -Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	SUM OF ALL LISTED COSTS	257.53		402.36	
-Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	RETURN TO LABOR & MANAGEMENT	78.82		138.24	
-Direct Costs 5.07 0.182 -Indirect Costs 3.24 0.072	LISTED COSTS PER BUDGET UNIT	(bu).		(lb)·	
-Indirect Costs 3.24 0.072					
0.200	-Total Costs	8.31		0.253	

Soybean notes:

Drybean notes:

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

^{**}Insecticide for soybean aphid, spider mite, or foliage-feeding caterpillars would cost about \$4 per acre plus application.

^{*}Includes dessicant prior to straight cutting.

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

Oil Sunflower

Confection Sunflower

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1810		1540	
Market Price	0.199		0.309	
MARKET REVENUE	360.19		475.86	
DIDEOT COOTO				
DIRECT COSTS	05.04		E4.00	
-Seed	35.91		54.36	
-Herbicides	37.20		40.20	
-Fungicides	0.00*		0.00*	
-Insecticides	5.00**		10.00**	
-Fertilizer	52.71		41.21	
-Crop Insurance	9.00		14.00	
-Fuel & Lubrication	23.19		22.52	
-Repairs	23.25		22.98	
-Drying	7.24		6.16	
-Miscellaneous	11.50		21.00	
-Operating Interest	8.20		9.30	·
	=======	=========	=======	=======================================
SUM OF LISTED DIRECT COSTS	213.20		241.73	
NIDIDECT (EIVED) COOTS				
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.93		10.76	
-Machinery Depreciation	29.71		29.15	
-Machinery Investment	15.81		15.56	
-Land Charge	55.00		55.00	
	=======	=========	======	=========
SUM OF LISTED INDIRECT COSTS	111.45		110.47	
SUM OF ALL LISTED COSTS	324.65		352.20	
RETURN TO LABOR & MANAGEMENT	35.54	·	123.66	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.118		0.157	
-Indirect Costs	0.062		0.072	
-Total Costs	0.179		0.229	
- IUIAI 00313	0.178		0.229	

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	1890		20	
Market Price	0.215		11.20	
MARKET REVENUE	406.35		224.00	
DIDEOT 000T0				
DIRECT COSTS	70.00		10.00	
-Seed	79.00		18.00	
-Herbicides	15.60		33.60	
-Fungicides	0.00*		0.00*	
-Insecticides	0.00		0.00	
-Fertilizer	99.33		25.19	
-Crop Insurance	8.00		11.00	
-Fuel & Lubrication	20.54		20.53	
-Repairs	22.32		23.29	
-Drying	0.00		0.00	
-Miscellaneous	2.00		2.00	
-Operating Interest	9.87		5.34	
	=======	========	=======	=========
SUM OF LISTED DIRECT COSTS	256.66		138.95	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.90		9.98	
-Machinery Depreciation	27.16		27.42	
-Machinery Investment	13.43		14.14	
-Land Charge	55.00		55.00	
	=======	=======	======	=========
SUM OF LISTED INDIRECT COSTS	105.49		106.54	
SUM OF ALL LISTED COSTS	362.15		245.49	
RETURN TO LABOR & MANAGEMENT	44.20		(21.49)	
LISTED COSTS PER BUDGET UNIT	(lb):		(bu):	
-Direct Costs	0.136		6.95	
-Indirect Costs	0.056		5.33	
-Total Costs	0.192		12.27	
10101 00313	0.182		12.21	

Canola notes:

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

Field Peas

Oats

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	35		89	
Market Price	8.52		2.99	
MARKET REVENUE	298.20		266.11	
DIRECT COSTS				
-Seed	60.00		18.00	
-Herbicides	39.70		12.30	
-Fungicides	3.00		0.00	
-Insecticides	0.00*		0.00	
-Fertilizer	14.60		75.83	
-Crop Insurance	8.50		13.50	
-Fuel & Lubrication	19.37		26.27	
-Repairs	22.26		25.19	
-Drying	0.00	- 	0.00	 -
-Miscellaneous	10.00		2.00	
-Operating Interest	7.10		6.92	
	======	========	======	========
SUM OF LISTED DIRECT COSTS	184.53		180.01	
INDIDECT (FIXED) COSTS				
INDIRECT (FIXED) COSTS -Misc. Overhead	9.84		11.52	
-Machinery Depreciation	9.64 27.42		31.42	
-Machinery Depreciation -Machinery Investment	13.26		16.57	
-Machinery investment -Land Charge	55.00		55.00	
-Land Charge	55.00		55.00	
SUM OF LISTED INDIRECT COSTS	105.52		114.51	
SUM OF ALL LISTED COSTS	290.05		294.52	
RETURN TO LABOR & MANAGEMENT	8.15		(28.41)	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	5.27		2.02	
-Indirect Costs	3.01		1.29	
-Total Costs	8.29		3.31	
10101 00010	0.20		0.01	

Field Pea notes:

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

Lentils Yellow Mustard

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1500		850	
Market Price	0.30		0.450	
mand: The	0.00		0.100	
MARKET REVENUE	450.00		382.50	
DIRECT COSTS				
-Seed	21.00		13.72	
-Herbicides	39.20*		22.60	
-Fungicides	16.00**		0.00	
-Insecticides	0.00***		6.00*	
-Fertilizer	10.43		25.32	
-Crop Insurance	9.00		16.50**	
-Fuel & Lubrication	21.39		20.49	
-Repairs	25.64		22.85	
-Drying	0.00		0.00	
-Miscellaneous	10.00		2.00	
-Operating Interest	6.11		5.18	
	======		=======	========
SUM OF LISTED DIRECT COSTS	158.77		134.66	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.50		10.04	
-Machinery Depreciation	31.35		26.54	
-Machinery Investment	15.09		14.47	
-Land Charge	55.00		55.00	
OUNT OF LIGHTED INDIDECT COOTS	=======	=========	======	========
SUM OF LISTED INDIRECT COSTS	111.94		106.05	
SUM OF ALL LISTED COSTS	270.71		240.71	
RETURN TO LABOR & MANAGEMENT	179.29		141.79	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.106		0.158	
-Indirect Costs	0.075		0.125	
-Total Costs	0.180		0.283	

Lentil notes:

Yellow Mustard notes:

^{*}Includes pre-harvest dessicant.

^{**}Fungicide treatment for ascochyta/anthracnose.

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

^{*}Insecticide seed treatment for flea beetles.

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

Buckwheat

Millet

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	950		1300	
Market Price	0.313	-	0.11	
	0.0.0		•	
MARKET REVENUE	297.35		143.00	
DIRECT COSTS				
-Seed	26.00		15.00	
-Seed -Herbicides	20.70		11.10	
-Fungicides	0.00		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	15.34		14.80	
-Crop Insurance	8.00*		0.00	
-Fuel & Lubrication	20.05		21.34	
-Repairs	22.06		23.19	
-Drying	0.00		0.00	
-Miscellaneous	2.00		2.00	
-Operating Interest	4.57		3.50	
	=======	========	=======	========
SUM OF LISTED DIRECT COSTS	118.72		90.93	
NIDIDECT (EIVED) COCTO				
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.86		10.26	
-Machinery Depreciation	26.01		27.26	
-Machinery Investment	13.75		14.78	
-Land Charge	55.00		55.00	
0.04.05.1.0750.0000	=======	========	======	========
SUM OF LISTED INDIRECT COSTS	104.62		107.30	
SUM OF ALL LISTED COSTS	223.34		198.23	
RETURN TO LABOR & MANAGEMENT	74.01		(55.23)	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.125		0.070	
-Indirect Costs	0.110		0.083	
-Total Costs	0.235		0.152	
Total Oodio	0.200		0.132	

Buckwheat notes:

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

Winter Wheat Rye

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	56*		46	
Market Price	5.90		6.25	
MARKET REVENUE	330.40		287.50	
DIRECT COSTS				
-Seed	14.30		13.20	
-Herbicides	26.80		4.00	
-Fungicides	10.00		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	93.46		72.42	
-Crop Insurance	7.20		16.00	
-Fuel & Lubrication	20.32		19.64	
-Repairs	20.94		20.30	
-Drying	0.00		0.00	
-Miscellaneous	9.50		9.50	
-Operating Interest	8.10		6.20	
SUM OF LISTED DIRECT COSTS	210.62	=========	====== 161.26	========
SUM OF LISTED DIRECT COSTS	210.62		101.20	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.69		9.54	
-Machinery Depreciation	24.98		24.37	
-Machinery Investment	12.17		12.03	
-Land Charge	55.00		55.00	
	======	========	======	=========
SUM OF LISTED INDIRECT COSTS	101.84		100.94	
SUM OF ALL LISTED COSTS	312.46		262.20	
RETURN TO LABOR & MANAGEMENT	17.94		25.30	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	3.76		3.5 ¹	
-Indirect Costs	1.82		2.19	
-Total Costs	5.58		5.70	

Winter Wheat notes:

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

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