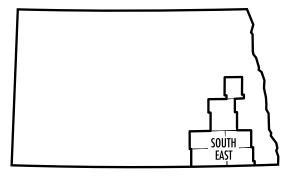


February 2024

# Projected 2024 Crop Budgets



# South East North Dakota

Ron Haugen, Farm Management Specialist

Note: This region consists of six counties: Barnes, Dickey, LaMoure, Ransom, Sargent and Steele.

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

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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.

**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.
Oil Sunflower 1.71/thou.kern.
Conf. Sunflower 3.02/thou.kern.
Canola 15.80/lb

15.00/bu

Canola 15.80/lb
Flax 20.00/bu
Field Peas 20.00/bu
Oats 9.00/bu
Buckwheat .52/lb
Millet .60/lb
Winter Wheat 13.00/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	57		54	
Market Price	7.14		8.35*	
MARKET REVENUE	406.98		450.90	
DIRECT COSTS				
-Seed	26.25		34.00	
-Herbicides	21.70		21.70	
-Fungicides**	18.50		18.50	
-Insecticides***	0.00		0.00	
-Fertilizer	96.59		90.61	
-Crop Insurance	5.30		6.70	
-Fuel & Lubrication	24.07		23.84	
-Repairs	23.79		23.69	
-Drying	0.00		0.00	
-Miscellaneous	2.00		2.00	
-Operating Interest	8.73		8.84	
SUM OF LISTED DIRECT COSTS	226.93		====== 229.88	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.45		10.39	
-Machinery Depreciation	27.95		27.75	
-Machinery Investment	14.38		14.29	
-Land Charge	104.00		104.00	
SUM OF LISTED INDIRECT COSTS	156.78		156.43	
SUM OF ALL LISTED COSTS	383.71		386.31	
RETURN TO LABOR & MANAGEMENT	23.27		64.59	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	3.98		4.26	
-Indirect Costs	2.75		2.90	
-Total Costs	6.73		7.15	

## Wheat notes:

<sup>\*</sup>Durum price is for milling quality. There is high risk of lower quality and lower price.

<sup>\*\*</sup>Includes seed treatment, an early season foliar fungicide, and a late season fungicide which is recommended when conditions are favorable for fusarium head blight (scab).

<sup>\*\*\*</sup>Cereal grain aphid insecticide would cost about \$4.

# Malting Barley Corn Grain

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	75		167	
Market Price	5.24*		4.40	
	-			
MARKET REVENUE	393.00		734.80	
DIRECT COSTS				
-Seed	24.00		100.50*	
-Herbicides	22.70		37.50	
-Fungicides	18.50**		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	75.47		152.17	
-Crop Insurance	5.00		11.40	
-Fuel & Lubrication	25.28		35.94	
-Repairs	24.06		33.15	
-Drying	0.00		33.40	
-Miscellaneous	2.00		2.00	
-Operating Interest	7.88		16.24	
operating interest	=======		=======	
SUM OF LISTED DIRECT COSTS	204.89		422.30	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.88		14.51	
-Machinery Depreciation	29.50		46.94	
-Machinery Investment	15.10		23.32	
-Land Charge	104.00		104.00	
Zaria Shargo	=======		======	
SUM OF LISTED INDIRECT COSTS	159.48		188.77	
	100110			
SUM OF ALL LISTED COSTS	364.37		611.07	
RETURN TO LABOR & MANAGEMENT	28.63		123.73	
<del> </del>	<del>-</del>		- <del>-</del>	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	2.73		2.53	
-Indirect Costs	2.13		1.13	
-Total Costs	4.86		3.66	
Total Coolo	7.00	<del></del>	0.00	

## Barley notes:

#### Corn notes:

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

<sup>\*</sup>There is risk of not making malting barley quality. Use \$3.75 for feed barley.

<sup>\*\*</sup>Includes seed treatment, an early season foliar fungicide, and a late season fungicide which is recommended when conditions are favorable for fusarium head blight (scab).

## Soybeans

## **Drybeans**

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	41		1990	
Market Price	11.08		0.34	
MARKET REVENUE	454.28		676.60	
DIRECT COSTS				
-Seed	65.80*		86.63	
-Herbicides	46.00		54.70*	
-Fungicides	0.00		20.00**	
-Insecticides	4.00**		0.00	
-Fertilizer	5.15		64.54	
-Crop Insurance	5.30		12.50	
-Fuel & Lubrication	19.20	·	26.69	
-Repairs	21.67		27.95	
-Drying	0.00		0.00	
-Miscellaneous	5.50		15.00	
-Operating Interest	6.90		12.32	
SUM OF LISTED DIRECT COSTS	====== 179.52		320.33	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.14		11.29	
-Machinery Depreciation	26.68		33.83	
-Machinery Investment	13.95		17.60	
-Land Charge	104.00		104.00	
	=======	========	======	=========
SUM OF LISTED INDIRECT COSTS	154.77		166.72	
SUM OF ALL LISTED COSTS	334.29		487.05	
RETURN TO LABOR & MANAGEMENT	119.99		189.55	
LISTED COSTS PER BUDGET UNIT	(bu):		(lb):	
-Direct Costs	4.38		0.161	
-Indirect Costs	3.77		0.084	
-Total Costs	8.15		0.245	

## Soybean notes:

## Drybean notes:

<sup>\*</sup>GM soybeans with herbicide tolerance. The cost includes \$8 for inoculant and fungicide treatment in addition to seed expense.

<sup>\*\*</sup>Insecticide for soybean aphid, spider mite, or foliage-feeding caterpillars.

<sup>\*</sup>Includes dessicant prior to straight cutting.

<sup>\*\*</sup>Fungicide for white mold. A second treatment may be necessary. Fungicide for rust at \$4-\$12 plus application maybe necessary.

## Oil Sunflower

# **Confection Sunflower**

Market Yield         1740         1760           Market Price         0.203         0.315           MARKET REVENUE         353.22         554.40           DIRECT COSTS           -Seed         3762         57.38           -Herbicides         28.60         31.60           -Fungicides         0.00*         0.00*           -Insecticides         5.00**         10.00**           -Insecticides         5.00**         10.00**           -Fertilizer         53.66         53.87           -Fore Insurance         9.00         17.00           -Fuel & Lubrication         26.30         26.35           -Repairs         24.65         24.67           -Drying         6.96         7.04           -Miscellaneous         11.50         2100           -Operating Interest         8.11         9.96           SUM OF LISTED DIRECT COSTS         210.80         258.87           INDIRECT (FIXED) COSTS           -Machinery Investment         17.73         17.75           -Land Charge         104.00         104.00           SUM OF ALL LISTED COSTS         376.73         424.88           RETURN TO LABOR & MANAGEMENT         <		Per Acre	Your Figures	Per Acre	Your Figures
Market Price         0.203         0.315           MARKET REVENUE         353.22         554.40           DIRECT COSTS         -Seed         37.62         57.38           -Herbicides         28.60         31.60         -1.50           -Hurbicides         0.00*         0.00*         0.00*           -Insecticides         5.00**         10.00**         10.00**           -Insecticides         5.00**         10.00**         10.00**           -Insecticides         5.00**         10.00**         10.00**           -Insecticides         5.00**         10.00**         10.00**           -Incecticides         5.00**         10.00**         10.00**           -Incecticides         5.00**         10.00**         10.00**           -Incecticides         5.00**         10.00**         17.00 <td>Market Yield</td> <td>1740</td> <td></td> <td>1760</td> <td></td>	Market Yield	1740		1760	
DIRECT COSTS   Seed   37.62   57.38					
Seed   37.62   57.38	MARKET REVENUE	353.22		554.40	
-Herbicides	DIRECT COSTS				
-Fungicides 0.00* 0.00* 10.00** -Insecticides 5.00** 10.00** -Fertilizer 53.06 53.87	-Seed	37.62		57.38	
Insecticides	-Herbicides	28.60		31.60	
-Fertilizer 53.06 53.87 -Crop Insurance 9.00 17.00 -Fuel & Lubrication 26.30 26.35 -Repairs 24.65 24.67 -Drying 6.96 7.04 -Miscellaneous 11.50 21.00 -Operating Interest 8.11 9.96  SUM OF LISTED DIRECT COSTS 210.80 258.87  INDIRECT (FIXED) COSTS -Misc. Overhead 11.56 11.57 -Machinery Depreciation 32.64 32.69 -Machinery Investment 17.73 17.75 -Land Charge 104.00 104.00  SUM OF LISTED INDIRECT COSTS 165.93 166.01  SUM OF ALL LISTED COSTS 376.73 424.88  RETURN TO LABOR & MANAGEMENT (23.51) 129.52  LISTED COSTS PER BUDGET UNIT (lb): -Direct Costs 0.095 0.094	-Fungicides	0.00*		0.00*	
-Crop Insurance 9.00 17.00	-Insecticides	5.00**		10.00**	
-Fuel & Lubrication 26.30 26.35	-Fertilizer	53.06		53.87	
-Repairs 24.65 24.67 -Drying 6.96 7.04 -Miscellaneous 11.50 21.00 -Operating Interest 8.11 9.96  SUM OF LISTED DIRECT COSTS 210.80 258.87  INDIRECT (FIXED) COSTS -Misc. Overhead 11.56 11.57 -Machinery Depreciation 32.64 32.69 -Machinery Investment 17.73 17.75 -Land Charge 104.00 104.00  SUM OF LISTED INDIRECT COSTS 165.93 166.01  SUM OF ALL LISTED COSTS 376.73 424.88  RETURN TO LABOR & MANAGEMENT (23.51) 129.52  LISTED COSTS PER BUDGET UNIT (lb): (lb): -Direct Costs 0.095 0.094	-Crop Insurance	9.00		17.00	
-Drying 6.96 7.04 -Miscellaneous 11.50 21.00 -Operating Interest 8.11 9.96  SUM OF LISTED DIRECT COSTS 210.80 258.87  INDIRECT (FIXED) COSTS -Misc. Overhead 11.56 11.57 -Machinery Depreciation 32.64 32.69 -Machinery Investment 17.73 17.75 -Land Charge 104.00 104.00  SUM OF LISTED INDIRECT COSTS 165.93 166.01  SUM OF ALL LISTED COSTS 376.73 424.88  RETURN TO LABOR & MANAGEMENT (23.51) 129.52  LISTED COSTS PER BUDGET UNIT (lb): (lb): -Direct Costs 0.121 0.147 -Indirect Costs 0.095 0.094	-Fuel & Lubrication	26.30		26.35	
-Drying 6.96 7.04 -Miscellaneous 11.50 21.00 -Operating Interest 8.11 9.96  SUM OF LISTED DIRECT COSTS 210.80 258.87  INDIRECT (FIXED) COSTS -Misc. Overhead 11.56 11.57 -Machinery Depreciation 32.64 32.69 -Machinery Investment 17.73 17.75 -Land Charge 104.00 104.00  SUM OF LISTED INDIRECT COSTS 165.93 166.01  SUM OF ALL LISTED COSTS 376.73 424.88  RETURN TO LABOR & MANAGEMENT (23.51) 129.52  LISTED COSTS PER BUDGET UNIT (lb): (lb): -Direct Costs 0.121 0.147 -Indirect Costs 0.095 0.094	-Repairs	24.65		24.67	
-Miscellaneous 11.50 21.00		6.96		7.04	
SUM OF LISTED DIRECT COSTS       210.80       258.87         INDIRECT (FIXED) COSTS       11.56       11.57         -Misc. Overhead       11.56       32.69         -Machinery Depreciation       32.64       32.69         -Machinery Investment       17.73       17.75         -Land Charge       104.00       104.00         SUM OF LISTED INDIRECT COSTS       165.93       166.01         SUM OF ALL LISTED COSTS       376.73       424.88         RETURN TO LABOR & MANAGEMENT       (23.51)       129.52         LISTED COSTS PER BUDGET UNIT       (lb):       (lb):         -Direct Costs       0.121       0.147         -Indirect Costs       0.095       0.094		11.50		21.00	
SUM OF LISTED DIRECT COSTS       210.80       258.87         INDIRECT (FIXED) COSTS	-Operating Interest	8.11		9.96	
-Misc. Overhead 11.56 11.57	SUM OF LISTED DIRECT COSTS				
-Misc. Overhead 11.56 11.57	INDIRECT (FIXED) COSTS				
-Machinery Depreciation 32.64 32.69 -Machinery Investment 17.73 17.75 -Land Charge 104.00 104.00 SUM OF LISTED INDIRECT COSTS 165.93 166.01 SUM OF ALL LISTED COSTS 376.73 424.88 RETURN TO LABOR & MANAGEMENT (23.51) 129.52  LISTED COSTS PER BUDGET UNIT (lb): (lb): -Direct Costs 0.121 0.147 -Indirect Costs 0.095 0.094		11.56		11.57	
-Machinery Investment 17.73 17.75 104.00 104	-Machinery Depreciation	32.64		32.69	
-Land Charge 104.00					
SUM OF LISTED INDIRECT COSTS       165.93       166.01         SUM OF ALL LISTED COSTS       376.73       424.88         RETURN TO LABOR & MANAGEMENT       (23.51)       129.52         LISTED COSTS PER BUDGET UNIT       (lb):       (lb):         -Direct Costs       0.121       0.147         -Indirect Costs       0.095       0.094	· · · · · · · · · · · · · · · · · · ·			1/./5	
SUM OF ALL LISTED COSTS       376.73       424.88         RETURN TO LABOR & MANAGEMENT       (23.51)       129.52         LISTED COSTS PER BUDGET UNIT       (lb):       (lb):         -Direct Costs       0.121       0.147         -Indirect Costs       0.095       0.094	-Land Charge				
RETURN TO LABOR & MANAGEMENT (23.51) 129.52  LISTED COSTS PER BUDGET UNIT (lb): (lb): 0.147 0.147 0.095 0.094	-	104.00		104.00 =====	
LISTED COSTS PER BUDGET UNIT (lb): (lb): -Direct Costs 0.121 0.147 -Indirect Costs 0.095 0.094	-	104.00		104.00 =====	
-Direct Costs 0.121 0.147 -Indirect Costs 0.095 0.094	SUM OF LISTED INDIRECT COSTS	104.00 ====== 165.93		104.00 ====== 166.01	
-Direct Costs 0.121 0.147 -Indirect Costs 0.095 0.094	SUM OF LISTED INDIRECT COSTS SUM OF ALL LISTED COSTS	104.00 ====== 165.93 376.73		104.00 ====== 166.01 424.88	
-Indirect Costs 0.095 0.094	SUM OF LISTED INDIRECT COSTS SUM OF ALL LISTED COSTS RETURN TO LABOR & MANAGEMENT	104.00 ====== 165.93 376.73 (23.51)		104.00 ====== 166.01 424.88 129.52	
	SUM OF LISTED INDIRECT COSTS  SUM OF ALL LISTED COSTS  RETURN TO LABOR & MANAGEMENT  LISTED COSTS PER BUDGET UNIT	104.00 ======= 165.93 376.73 (23.51) (lb):		104.00 ====== 166.01 424.88 129.52 (lb):	
10ta 0000 0.E11 0.E11	SUM OF LISTED INDIRECT COSTS  SUM OF ALL LISTED COSTS  RETURN TO LABOR & MANAGEMENT  LISTED COSTS PER BUDGET UNIT -Direct Costs	104.00 ======= 165.93 376.73 (23.51) (lb): 0.121		104.00 ====== 166.01 424.88 129.52 (lb): 0.147	

#### Oil Sunflower notes:

## Confection Sunflower notes:

<sup>\*</sup>Fungicide for rust would cost \$4 plus application.

<sup>\*\*</sup>One spraying for head feeding insects (red seed weevil, lygus bug and banded moths). Custom application cost of \$8 is under "Miscellaneous."

<sup>\*</sup>Fungicide for rust would cost \$4 plus application.

<sup>\*\*</sup>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."

# Canola

# Flax

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1680		24	
Market Price	0.206		11.46	
MARKET REVENUE	346.08		275.04	
DIRECT COSTS				
-Seed	79.00		20.00	
-Herbicides	15.60		27.10	
-Fungicides	0.00*		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	88.28		39.58	
-Crop Insurance	8.00		12.50	
-Fuel & Lubrication	22.94		22.95	
-Repairs	23.32		24.35	
-Drying	0.00		0.00	
-Miscellaneous	2.00		2.00	
-Operating Interest	9.57		5.94	
		========		========
SUM OF LISTED DIRECT COSTS	248.71		154.42	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.12		10.29	
-Machinery Depreciation	28.10		28.53	
-Machinery Investment	14.18		14.92	
-Land Charge	104.00		104.00	
-	======	========	======	=========
SUM OF LISTED INDIRECT COSTS	156.40		157.74	
SUM OF ALL LISTED COSTS	405.11		312.16	
RETURN TO LABOR & MANAGEMENT	(59.03)		(37.12)	
LISTED COSTS PER BUDGET UNIT	(lb):		(bu):	
-Direct Costs	0.148		6.43	
-Indirect Costs	0.093		6.57	
-Total Costs	0.241		13.01	

## Canola notes:

<sup>\*</sup>Fungicide for white mold would cost about \$18 plus application.

# **Field Peas**

# Oats

Market Yield       35.333       76         Market Price       8.52       3.07         MARKET REVENUE       301.04       233.32         DIRECT COSTS        -Seed       60.00       18.00         -Herbicides       34.90       6.20         -Fungicides       0.00       0.00         -Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00         -Miscellaneous       10.00       2.00		Per Acre	Your Figures	Per Acre	Your Figures
Market Price       8.52       3.07         MARKET REVENUE       301.04       233.32         DIRECT COSTS	Market Yield	35.333		76	
DIRECT COSTS         -Seed       60.00       18.00         -Herbicides       34.90       6.20         -Fungicides       0.00       0.00         -Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00					
DIRECT COSTS         -Seed       60.00       18.00         -Herbicides       34.90       6.20         -Fungicides       0.00       0.00         -Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00					
-Seed       60.00       18.00         -Herbicides       34.90       6.20         -Fungicides       0.00       0.00         -Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00	MARKET REVENUE	301.04		233.32	
-Seed       60.00       18.00         -Herbicides       34.90       6.20         -Fungicides       0.00       0.00         -Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00	DIDECT COSTO				
-Herbicides       34.90       6.20         -Fungicides       0.00       0.00         -Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00		60.00		10.00	
-Fungicides       0.00       0.00         -Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00					
-Insecticides       0.00       0.00         -Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00					
-Fertilizer       10.83       63.39         -Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00	•				
-Crop Insurance       7.00       9.00         -Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00					
-Fuel & Lubrication       23.89       27.07         -Repairs       24.96       24.93         -Drying       0.00       0.00					
-Repairs 24.96 24.93 -Drying 0.00 0.00					
-Drying 0.00 0.00	-Fuel & Lubrication				
, o	-Repairs	24.96	·	24.93	
-Miscellaneous 10.00 2.00	-Drying	0.00		0.00	
	-Miscellaneous	10.00		2.00	
-Operating Interest 6.86 6.02	-Operating Interest	6.86		6.02	
======= ===============================		======	========	=======	=========
SUM OF LISTED DIRECT COSTS 178.44 156.61	SUM OF LISTED DIRECT COSTS	178.44		156.61	
INDIRECT (FIXED) COSTS	INDIRECT (FIXED) COSTS				
-Misc. Overhead 10.49 11.25	-Misc. Overhead	10.49		11.25	
-Machinery Depreciation 29.90 30.84	-Machinery Depreciation	29.90		30.84	
-Machinery Investment 15.17 16.17		15.17		16.17	
-Land Charge 104.00 104.00	•				
=======================================	g				
SUM OF LISTED INDIRECT COSTS 159.56 162.26	SUM OF LISTED INDIRECT COSTS				
	30m 31 210125 m2m231 33013	100.00		102.20	
SUM OF ALL LISTED COSTS 338.00 318.87	SUM OF ALL LISTED COSTS	338.00		318.87	
RETURN TO LABOR & MANAGEMENT (36.96) (85.55)	RETURN TO LABOR & MANAGEMENT	(36.96)		(85.55)	
·		, ,		, ,	
LISTED COSTS PER BUDGET UNIT (bu): (bu):	LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs 5.05 2.06	-Direct Costs				
-Indirect Costs 4.52 2.14					
-Total Costs 9.57 4.20					

# **Buckwheat**

# Millet

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	950		1800	
Market Price	0.315		0.11	
MARKET REVENUE	299.25		198.00	
DIRECT COSTS				
-Seed	26.00		15.00	
-Herbicides	13.60		3.90	
-Fungicides	0.00		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	20.01		33.97	
-Crop Insurance	9.50*		6.00	
-Fuel & Lubrication	20.00		23.93	
-Repairs	21.88		23.66	
-Drying	0.00		0.00	
-Miscellaneous	2.00		2.00	
-Operating Interest	4.52		4.34	
, ,	=======		=======	
SUM OF LISTED DIRECT COSTS	117.51		112.80	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.66		10.45	
-Machinery Depreciation	24.98		28.20	
-Machinery Investment	13.15		15.03	
-Land Charge	104.00	- <del></del> -	104.00	<del></del>
	=======	========	======	=========
SUM OF LISTED INDIRECT COSTS	151.79		157.68	
SUM OF ALL LISTED COSTS	269.30		270.48	
RETURN TO LABOR & MANAGEMENT	29.95		(72.48)	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.124		0.063	
-Indirect Costs	0.160	-	0.088	
-Total Costs	0.283		0.150	
10101 00010	0.200		0.100	

## Buckwheat notes:

<sup>\*</sup>Crop insurance is not available in some counties of the region.

## **Winter Wheat**

	Per Acre	Your Figures
Market Yield	63*	
Market Price	6.18	
MARKET INCOME	389.34	
DIRECT COSTS		
-Seed	15.60	
-Herbicides	26.80	
-Fungicides	10.00	
-Insecticides	0.00	
-Fertilizer	108.54	
-Crop Insurance	5.30	
-Fuel & Lubrication	20.86	
-Repairs	21.17	
-Drying	0.00	
-Miscellaneous	9.50	
-Operating Interest	8.71	
	=======	========
SUM OF LISTED DIRECT COSTS	226.48	
INDIRECT (FIXED) COSTS		
-Misc. Overhead	9.83	
-Machinery Depreciation	25.44	
-Machinery Investment	12.36	
-Land Charge	104.00	
	=======	========
SUM OF LISTED INDIRECT COSTS	151.63	
SUM OF ALL LISTED COSTS	378.11	
RETURN TO LABOR & MANAGEMENT	11.23	
LISTED COSTS PER BUDGET UNIT	(bu):	
-Direct Costs	3.59	
-Indirect Costs	2.41	
-Total Costs	6.00	

## Winter Wheat notes:

<sup>\*</sup>Yield is per harvested acre. There is some risk of acreage abandonment in spring.

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