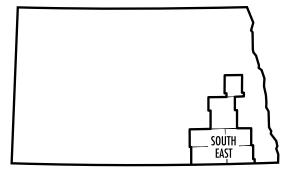


February 2023

Projected 2023 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 2023 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

NDSU EXTENSION

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 2023 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 2015-2021, 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 - .71/lb Phosphorus - .61/lb Potassium - .65/lb

Seed Prices:

Spring Wheat

Durum 18.00/bu
Barley 15.50/bu
Corn GM 2.96/thou.kern.
Soybean GM .34/thou.kern.
Dry Beans .75/thou.kern.
Oil Sunflower 1.71/thou.kern.
Conf. Sunflower 3.02/thou.kern.

16.00/bu

Canola 14.80/lb
Flax 30.00/bu
Field Peas 20.00/bu
Oats 10.00/bu
Buckwheat .50/lb
Millet .60/lb
Winter Wheat 13.50/bu

Fuel prices:

Diesel 3.90/gal Gas 3.45/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 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	58		49	
Market Price	8.15		9.11*	
MARKET REVENUE	472.70		446.39	
DIRECT COSTS				
-Seed	28.00		36.00	
-Herbicides	28.60		28.60	
-Fungicides**	18.50		18.50	
-Insecticides***	0.00		0.00	
-Fertilizer	126.54		103.82	
-Crop Insurance	5.50		7.00	
-Fuel & Lubrication	25.44		24.67	
-Repairs	21.65		21.39	
-Drying	0.00		0.00	
-Miscellaneous	1.75		1.75	
-Operating Interest	9.60		9.06	
SUM OF LISTED DIRECT COSTS	265.58		====== 250.79	
INDIRECT (FIXED) COSTS	10.01		0.07	
-Misc. Overhead	10.04		9.87	
-Machinery Depreciation	25.32	-	24.80	
-Machinery Investment	13.13		12.90	
-Land Charge	100.00		100.00	
SUM OF LISTED INDIRECT COSTS	148.49		147.57	
SUM OF ALL LISTED COSTS	414.07		398.36	
RETURN TO LABOR & MANAGEMENT	58.63		48.03	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	4.58		5.12	
-Indirect Costs	2.56		3.01	
-Total Costs	7.14		8.13	

Wheat notes:

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

^{**}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).

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

Malting Barley Corn Grain

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	73		163	
Market Price	6.48*		5.25	
MARKET REVENUE	473.04		855.75	
DIRECT COSTS				
-Seed	31.00		100.50*	
-Herbicides	23.90		51.00	
-Fungicides	18.50**		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	93.17		186.03	
-Crop Insurance	5.00		12.00	
-Fuel & Lubrication	26.54		37.96	
-Repairs	21.81		30.02	
-Drying	0.00		32.60	
-Miscellaneous	1.75		1.75	
-Operating Interest	8.31		16.94	
o postaning marcon	=======		=======	
SUM OF LISTED DIRECT COSTS	229.98		468.80	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.40		13.75	
-Machinery Depreciation	26.53		42.13	
-Machinery Investment	13.72		21.19	
-Land Charge	100.00		100.00	
Earla Ghargo	=======		======	
SUM OF LISTED INDIRECT COSTS	150.65		177.07	
COM CI LICILES INSTITLOT COCTO	100.00		177.07	
SUM OF ALL LISTED COSTS	380.63		645.87	
	000.00		0.0.0.	
RETURN TO LABOR & MANAGEMENT	92.41		209.88	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	3.15		2.88	
-Indirect Costs	2.06		1.09	
-Total Costs	5.21		3.96	
	 -			

Barley notes:

Corn notes:

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

^{*}There is risk of not making malting barley quality. Use \$4.50 for feed barley.

^{**}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	40		1940	
Market Price	12.33		0.36	
MARKET REVENUE	493.20		698.40	
W. W. W. C. P. M. C. P. P. C. P. C. P. C. P. C. P. P. C. P. C. P. C. P. P. C. P. C. P. C. P. C. P. P. P. P. C. P.	100.20		000.10	
DIRECT COSTS				
-Seed	65.80*		61.88	
-Herbicides	65.80		46.90*	
-Fungicides	0.00		20.00**	
-Insecticides	4.00**		0.00	
-Fertilizer	4.57		68.96	
-Crop Insurance	5.50		12.50	
-Fuel & Lubrication	20.15		27.97	
-Repairs	19.67		25.50	
-Drying	0.00		0.00	
-Miscellaneous	5.25		14.25	
-Operating Interest	7.15		10.42	
-	=======	========	=======	=========
SUM OF LISTED DIRECT COSTS	197.89		288.38	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.70		10.78	
-Machinery Depreciation	24.09		30.88	
-Machinery Investment	12.69		16.12	
-Land Charge	100.00		100.00	
	=======	========	======	=========
SUM OF LISTED INDIRECT COSTS	146.48		157.78	
SUM OF ALL LISTED COSTS	344.37		446.16	
RETURN TO LABOR & MANAGEMENT	148.83		252.24	
LISTED COSTS PER BUDGET UNIT	(bu):		(lb):	
-Direct Costs	4.95		0.149	
-Indirect Costs	3.66		0.081	
-Total Costs	8.61		0.230	
	 .		000	

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. A second treatment may be necessary. Fungicide for rust at \$4-\$12 plus application maybe necessary.

Oil Sunflower

Confection Sunflower

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1620		1680	
Market Price	0.254		0.356	
Mariot Fried	0.20 1		0.000	
MARKET REVENUE	411.48		598.08	
DIRECT COSTS				
-Seed	37.62		57.38	
-Herbicides	35.90		39.00	
-Fungicides	0.00*		0.00*	
-Insecticides	5.00**		10.00**	
-Fertilizer	62.51		65.56	
-Crop Insurance	9.00		17.00	
-Fuel & Lubrication	27.23		27.39	
-Repairs	22.30		22.35	
-Drying	4.92		4.92	
-Miscellaneous	10.75		19.75	
-Operating Interest	8.07		9.88	
operating interest	=======		=======	
SUM OF LISTED DIRECT COSTS	223.30		273.23	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.95		10.99	
-Machinery Depreciation	29.30		29.42	
-Machinery Depreciation -Machinery Investment	29.30 16.06		29.42 16.11	
•	100.00		100.00	
-Land Charge				
SUM OF LISTED INDIRECT COSTS	======= 156.31	========	====== 156.52	========
30M OF LISTED INDIRECT COSTS	150.51		150.52	
SUM OF ALL LISTED COSTS	379.61		429.75	
RETURN TO LABOR & MANAGEMENT	31.87		168.33	
LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs	0.138		0.163	
-Indirect Costs	0.096		0.093	
-Total Costs	0.234		0.256	

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."

^{*}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."

Canola

Flax

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1660		24	
Market Price	0.255		14.26	
MARKET REVENUE	423.30		342.24	
DIRECT COSTS				
-Seed	74.00		30.00	
-Herbicides	28.00		34.30	
-Fungicides	0.00*		0.00	
-Insecticides	0.00		0.00	
-Fertilizer	106.60		52.07	
-Crop Insurance	8.00		12.50	
-Fuel & Lubrication	24.21		24.10	
-Repairs	21.24		22.19	
-Drying	0.00		0.00	
-Miscellaneous	1.75		1.75	- -
-Operating Interest	9.89		6.63	
	=======	========	=======	=========
SUM OF LISTED DIRECT COSTS	273.69		183.54	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.70		9.86	
-Machinery Depreciation	25.57		26.01	
-Machinery Investment	12.97		13.65	
-Land Charge	100.00		100.00	
	=======	========	======	========
SUM OF LISTED INDIRECT COSTS	148.24		149.52	
SUM OF ALL LISTED COSTS	421.93		333.06	
30W OF ALL LISTED COSTS	42 1.93		333.00	
RETURN TO LABOR & MANAGEMENT	1.37		9.18	
LISTED COSTS PER BUDGET UNIT	(lb):		(bu):	
-Direct Costs	0.165		7.65	
-Indirect Costs	0.089		6.23	
-Total Costs	0.254		13.88	

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	37		76	
Market Price	9.00		3.07	
MARKET REVENUE	333.00		233.32	
DIRECT COSTS				
-Seed	60.00		20.00	
-Herbicides	42.50		6.50	
	42.50 0.00		0.00	
-Fungicides				
-Insecticides	0.00		0.00	
-Fertilizer	10.33		81.37	
-Crop Insurance	7.00		9.00	
-Fuel & Lubrication	25.18		28.47	
-Repairs	22.80		22.41	
-Drying	0.00		0.00	
-Miscellaneous	9.75		1.75	
-Operating Interest	6.66		6.36	
	=======	========	=======	========
SUM OF LISTED DIRECT COSTS	184.22		175.86	
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.09		10.60	
-Machinery Depreciation	27.39		26.81	
-Machinery Investment	13.95		14.23	
-Land Charge	100.00		100.00	
SUM OF LISTED INDIRECT COSTS	151.43		====== 151.64	========
COM OF EIGHED INDIFFECT COOTS	131.40		101.04	
SUM OF ALL LISTED COSTS	335.65		327.50	
	(0.05)		(0.4.40)	
RETURN TO LABOR & MANAGEMENT	(2.65)		(94.18)	
LISTED COSTS PER BUDGET UNIT	(bu):		(bu):	
-Direct Costs	4.98		2.31	
-Indirect Costs	7.50			
mancet costs	4.09		2.00	

Buckwheat

Millet

Market Yield 950 1800 Market Price 0.365 0.19 MARKET REVENUE 346.75 342.00 MARKET REVENUE Jack Price DIRECT COSTS 342.00 Seed 25.00 15.00 -Herbicides 14.30 4.10 -Fungicides 0.00 0.00 -Insecticides 0.00 0.00 -Insecticides 0.00 0.00 -Fertilizer 26.16 44.40 -Crop Insurance 9.50* 6.00 -Fuel & Lubrication 20.97 25.03 -Repairs 19.63 21.25 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Operating Interest 4.40 4.41 SUM OF LISTED DIRECT COSTS 121.71 121.94 INDIRECT (FIXED) COSTS 21.58 24.48		Per Acre	Your Figures	Per Acre	Your Figures
Market Price 0.365 0.19 MARKET REVENUE 346.75 342.00 DIRECT COSTS -Seed 25.00 15.00 -Herbicides 14.30 4.10 -1.00 -Fungicides 0.00 0.00 0.00 -Insecticides 0.00 0.00 0.00 -Insecticides 0.00 0.00 0.00 -Fertilizer 26.16 44.40 0.00 -Fuel & Lubrication 20.97 25.03 0.00 -Fepairs 19.63 21.25 0.00 -Bepairs 19.63 21.25 0.00 -Miscellaneous 1.75 1.75 0.00 -Operating Interest 4.40 4.41 0.00 SUM OF LISTED DIRECT COSTS 121.71 121.94 121.94 INDIRECT (FIXED) COSTS -Misc. Overhead 9.09 9.83 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 0.00	Market Yield	950		1800	
MARKET REVENUE 346.75 342.00 DIRECT COSTS -Seed 25.00 15.00 -Herbicides 14.30 4.10 - -Fungicides 0.00 0.00 - -Insecticides 0.00 0.00 - -Insecticides 0.00 0.00 - -Fertilizer 26.16 44.40 - -Crop Insurance 9.50* 6.00 - -Fuel & Lubrication 20.97 25.03 - -Repairs 19.63 21.25 - -Drying 0.00 0.00 - -Miscellaneous 1.75 1.75 - -Operating Interest 4.40 4.41 - SUM OF LISTED DIRECT COSTS 121.71 121.94 - INDIRECT (FIXED) COSTS 9.09 9.83 - -Machinery Depreciation 21.58 24.48 - -Machinery Investment 11.46 13.18 - -Land Charge 100.00 100.00 - SUM OF LISTED INDIRECT COSTS 142.13 147.49 <td></td> <td></td> <td></td> <td></td> <td></td>					
DIRECT COSTS Seed 25.00 15.00		0.000		00	
-Seed 25.00 15.00 -Herbicides 14.30 4.10 -Fungicides 0.00 0.00 -Insecticides 0.00 0.00 -Insecticides 0.00 0.00 -Fertilizer 26.16 44.40 -Crop Insurance 9.50* 6.00 -Fuel & Lubrication 20.97 25.03 -Repairs 19.63 21.25 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Operating Interest 4.40 4.41	MARKET REVENUE	346.75		342.00	
-Seed 25.00 15.00 -Herbicides 14.30 4.10 -Fungicides 0.00 0.00 -Insecticides 0.00 0.00 -Insecticides 0.00 0.00 -Fertilizer 26.16 44.40 -Crop Insurance 9.50* 6.00 -Fuel & Lubrication 20.97 25.03 -Repairs 19.63 21.25 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Operating Interest 4.40 4.41	DIRECT COSTS				
-Fungicides 0.00 0.00 0.00 -Insecticides 0.00 0.00 0.00 -Fertilizer 26.16 44.40 -Crop Insurance 9.50* 6.00 -Fuel & Lubrication 20.97 25.03 -Fuel & Lubrication 20.97 0.00 0.00 -Pring 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.		25.00		15.00	
-Fungicides 0.00 0.00 0.00	-Herbicides	14.30		4.10	
-Insecticides 0.00 0.00 -Fertilizer 26.16 44.40 -Crop Insurance 9.50* 6.00 -Fuel & Lubrication 20.97 25.03 -Repairs 19.63 21.25 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Operating Interest 4.40 4.41 SUM OF LISTED DIRECT COSTS 121.71 121.94 INDIRECT (FIXED) COSTS -Misc. Overhead 9.09 9.83 -Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43	-Fungicides	0.00		0.00	
-Fertilizer 26.16 44.40 -Crop Insurance 9.50* 6.00 -Fuel & Lubrication 20.97 25.03 -Repairs 19.63 21.25 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Operating Interest 4.40 4.41 SUM OF LISTED DIRECT COSTS 121.71 121.94 INDIRECT (FIXED) COSTS -Misc. Overhead 9.09 9.83 -Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43	•				
-Crop Insurance 9.50* 6.00 -Fuel & Lubrication 20.97 25.03 -Repairs 19.63 21.25 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Operating Interest 4.40 4.41 SUM OF LISTED DIRECT COSTS -Misc. Overhead 9.09 9.83 -Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43					
-Fuel & Lubrication 20.97 25.03 -Repairs 19.63 21.25 -Drying 0.00 0.00 -Miscellaneous 1.75 1.75 -Operating Interest 4.40 4.41 SUM OF LISTED DIRECT COSTS -Misc. Overhead 9.09 9.83 -Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43					
-Repairs 19.63 21.25					
-Drying 0.00 0.00 1.75 1.75 1.75 -Operating Interest 4.40 4.41		19.63			
-Miscellaneous 1.75 1.75 4.40 4.41					
-Operating Interest 4.40 4.41 4.41 4.41 4.41 4.41 4.41 4.41					
SUM OF LISTED DIRECT COSTS 121.71 121.94 INDIRECT (FIXED) COSTS -Misc. Overhead -Machinery Depreciation -Machinery Investment -Land Charge 100.00 100.00 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43		4.40			
INDIRECT (FIXED) COSTS -Misc. Overhead 9.09 9.83 -Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43	3	=======		=======	
-Misc. Overhead 9.09 9.83 -Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43	SUM OF LISTED DIRECT COSTS	121.71	- <u></u> -	121.94	
-Misc. Overhead 9.09 9.83 -Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43					
-Machinery Depreciation 21.58 24.48 -Machinery Investment 11.46 13.18 -Land Charge 100.00 100.00 SUM OF LISTED INDIRECT COSTS 142.13 147.49 SUM OF ALL LISTED COSTS 263.84 269.43					
-Machinery Investment 11.46	-Misc. Overhead	9.09		9.83	
-Land Charge 100.00 100.00		21.58		24.48	
SUM OF LISTED INDIRECT COSTS 142.13	-Machinery Investment	11.46		13.18	
SUM OF LISTED INDIRECT COSTS 142.13	-Land Charge	100.00		100.00	
SUM OF ALL LISTED COSTS 263.84 269.43			========		=========
	SUM OF LISTED INDIRECT COSTS	142.13		147.49	
RETURN TO LABOR & MANAGEMENT 82.91 72.57	SUM OF ALL LISTED COSTS	263.84		269.43	
	RETURN TO LABOR & MANAGEMENT	82.91		72.57	
LISTED COSTS PER BUDGET UNIT (lb): (lb):	LISTED COSTS PER BUDGET UNIT	(lb):		(lb):	
-Direct Costs 0.128 0.068	-Direct Costs	, ,		• • •	
-Indirect Costs 0.150 0.082		0.150			
-Total Costs 0.278 0.150	-Total Costs	0.278		0.150	

Buckwheat notes:

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

Winter Wheat

	Per Acre	Your Figures
Market Yield	64*	
Market Price	7.21	
MARKET INCOME	461.44	
DIRECT COSTS		
-Seed	16.20	
-Herbicides	34.00	
-Fungicides	10.00	
-Insecticides	0.00	
-Fertilizer	141.69	
-Crop Insurance	5.50	
-Fuel & Lubrication	22.30	
-Repairs	19.27	
-Drying	0.00	
-Miscellaneous	8.75	
-Operating Interest	9.66	
	=======	========
SUM OF LISTED DIRECT COSTS	267.37	
INDIRECT (FIXED) COSTS		
-Misc. Overhead	9.49	
-Machinery Depreciation	23.03	
-Machinery Investment	11.31	
-Land Charge	100.00	
	=======	========
SUM OF LISTED INDIRECT COSTS	143.83	
SUM OF ALL LISTED COSTS	411.20	
RETURN TO LABOR & MANAGEMENT	50.24	
LISTED COSTS PER BUDGET UNIT	(bu):	
-Direct Costs	4.18	
-Indirect Costs	2.25	
-Total Costs	6.43	
. 3.0 3 3 3 3	0.10	

Winter Wheat notes:

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

NDSU Extension does not endorse commercial products or companies even though reference may be made to tradenames, trademarks or service names. NDSU encourages you to use and share this content, but please do so under the conditions of our Creative Commons license. You may copy, distribute, transmit and adapt this work as long as you give full attribution, don't use the work for commercial purposes and share your resulting work similarly. For more information, visit www.ag.ndsu.edu/agcomm/creative-commons.
For more information on this and other topics, see www.ndsu.edu/extension
County commissions, North Dakota State University and U.S. Department of Agriculture cooperating. NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to Vice Provost for Title IX/ADA Coordinator, Old Main 201, NDSU Main Campus, 701-231-7708, ndsu.eoaa@ndsu.edu. This publication will be made available in alternative formats for people with disabilities upon request, 701-231-7881.