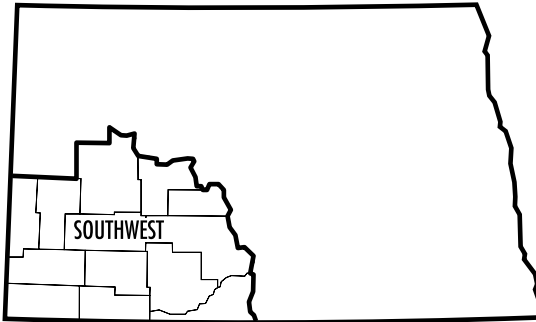




# FARM MANAGEMENT PLANNING GUIDE

February 2025

## Projected 2025 Crop Budgets



# South West North Dakota

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Note: This region consists of 13 counties: Adams, Billings, Bowman, Dunn, Golden Valley, Grant, Hettinger, Mercer, Morton, Oliver, Sioux, Slope and Stark.

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)

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.

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

**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	38	_____	38	_____
Market Price	6.17	_____	7.21*	_____
<b>MARKET REVENUE</b>	<b>234.46</b>	_____	<b>273.98</b>	_____
<b>DIRECT COSTS</b>				
-Seed	21.00	_____	28.00	_____
-Herbicides	28.70	_____	28.70	_____
-Fungicides**	6.50	_____	6.50	_____
-Insecticides***	0.00	_____	0.00	_____
-Fertilizer	57.87	_____	57.87	_____
-Crop Insurance	4.70	_____	6.00	_____
-Fuel & Lubrication	12.59	_____	12.59	_____
-Repairs	19.68	_____	19.68	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	6.04	_____	6.35	_____
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>167.08</b>	_____	<b>175.69</b>	_____
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	9.24	_____	9.24	_____
-Machinery Depreciation	23.59	_____	23.59	_____
-Machinery Investment	11.37	_____	11.37	_____
-Land Charge	41.00	_____	41.00	_____
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>85.20</b>	_____	<b>85.20</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>252.28</b>	_____	<b>260.89</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>(17.82)</b>	_____	<b>13.09</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(bu) :</b>		<b>(bu) :</b>	
-Direct Costs	4.40	_____	4.62	_____
-Indirect Costs	2.24	_____	2.24	_____
-Total Costs	6.64	_____	6.87	_____

### Wheat notes:

\*Durum price is for milling quality. There is risk of lower quality and lower price.

\*\*Includes seed treatment and early season foliar fungicide. Although late season fungicides are often not common in this region, prothioconazole, metconazole, or pydiflumetofen containing products are recommended for fusarium head blight (scab) control when conditions are favorable for infection.

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

## Malting Barley

## Corn Grain

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	52	_____	74	_____
Market Price	5.06*	_____	4.00	_____
<b>MARKET REVENUE</b>	<b>263.12</b>	_____	<b>296.00</b>	_____
<b>DIRECT COSTS</b>				
-Seed	14.85	_____	69.00*	_____
-Herbicides	27.90	_____	23.60	_____
-Fungicides	6.50**	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	46.47	_____	57.19	_____
-Crop Insurance	5.00	_____	9.50**	_____
-Fuel & Lubrication	13.41	_____	16.45	_____
-Repairs	20.14	_____	23.73	_____
-Drying	0.00	_____	14.80	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	5.41	_____	8.41	_____
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>149.68</b>	_____	<b>232.68</b>	_____
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	9.52	_____	11.65	_____
-Machinery Depreciation	24.57	_____	36.65	_____
-Machinery Investment	11.78	_____	17.54	_____
-Land Charge	41.00	_____	41.00	_____
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>86.87</b>	_____	<b>106.84</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>236.55</b>	_____	<b>339.52</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>26.57</b>	_____	<b>(43.52)</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(bu) :</b>		<b>(bu) :</b>	
-Direct Costs	2.88	_____	3.14	_____
-Indirect Costs	1.67	_____	1.44	_____
-Total Costs	4.55	_____	4.59	_____

**Barley notes:**

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

\*\*Includes seed treatment and early season foliar fungicide. Although late season fungicides are often not common in this region, prothioconazole, metconazole, or pydiflumetofen containing products are recommended for fusarium head blight (scab) control when conditions are favorable for infection.

**Corn notes:**

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

\*\*Crop insurance is only available in Billings county by written agreement.

## Soybean

## Oil Sunflower

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	27	_____	1600	_____
Market Price	9.35	_____	0.198	_____
<b>MARKET REVENUE</b>	<b>252.45</b>	_____	<b>316.80</b>	_____
<b>DIRECT COSTS</b>				
-Seed	62.40*	_____	35.91	_____
-Herbicides	18.70	_____	37.20	_____
-Fungicides	0.00	_____	0.00*	_____
-Insecticides	0.00	_____	5.00**	_____
-Fertilizer	3.39	_____	46.75	_____
-Crop Insurance	5.60**	_____	7.50	_____
-Fuel & Lubrication	12.63	_____	13.84	_____
-Repairs	20.12	_____	21.24	_____
-Drying	0.00	_____	6.40	_____
-Miscellaneous	5.50	_____	20.00	_____
-Operating Interest	4.81	_____	7.27	_____
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>133.15</b>	_____	<b>201.11</b>	_____
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	9.39	_____	10.08	_____
-Machinery Depreciation	24.97	_____	27.44	_____
-Machinery Investment	12.18	_____	13.49	_____
-Land Charge	41.00	_____	41.00	_____
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>87.54</b>	_____	<b>92.01</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>220.69</b>	_____	<b>293.12</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>31.76</b>	_____	<b>23.68</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(bu) :</b>		<b>(lb) :</b>	
-Direct Costs	4.93	_____	0.126	_____
-Indirect Costs	3.24	_____	0.058	_____
-Total Costs	8.17	_____	0.183	_____

### Soybean notes:

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

\*\*Crop insurance is only available by written agreement in some counties of region.

### Oil 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).

# Confectionery Sunflower

# Canola

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1700	_____	1650	_____
Market Price	0.276	_____	0.19	_____
<b>MARKET REVENUE</b>	<b>469.20</b>	_____	<b>313.50</b>	_____
<b>DIRECT COSTS</b>				
-Seed	54.36	_____	79.00	_____
-Herbicides	40.20	_____	15.60	_____
-Fungicides	0.00*	_____	0.00*	_____
-Insecticides	10.00**	_____	0.00	_____
-Fertilizer	50.71	_____	85.62	_____
-Crop Insurance	17.00	_____	11.50	_____
-Fuel & Lubrication	14.02	_____	13.48	_____
-Repairs	21.35	_____	21.13	_____
-Drying	6.80	_____	0.00	_____
-Miscellaneous	30.00	_____	10.00	_____
-Operating Interest	9.17	_____	8.86	_____
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>253.61</b>	_____	<b>245.19</b>	_____
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	10.14	_____	9.51	_____
-Machinery Depreciation	27.67	_____	26.04	_____
-Machinery Investment	13.58	_____	12.41	_____
-Land Charge	41.00	_____	41.00	_____
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>92.39</b>	_____	<b>88.96</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>346.00</b>	_____	<b>334.15</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>123.20</b>	_____	<b>(20.65)</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(lb) :</b>		<b>(lb) :</b>	
-Direct Costs	0.149	_____	0.149	_____
-Indirect Costs	0.054	_____	0.054	_____
-Total Costs	0.204	_____	0.203	_____

Confection Sunflower notes:

\*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 notes:

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

## Flax

## Field Pea

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	18		30.9225	
Market Price	10.84		8.00	
<b>MARKET REVENUE</b>	<b>195.12</b>		<b>247.38</b>	
<b>DIRECT COSTS</b>				
-Seed	16.00		60.00	
-Herbicides	29.00		39.70	
-Fungicides	0.00		3.00	
-Insecticides	0.00		6.00*	
-Fertilizer	25.09		9.50	
-Crop Insurance	11.50		7.50	
-Fuel & Lubrication	13.03		13.37	
-Repairs	21.55		22.17	
-Drying	0.00		0.00	
-Miscellaneous	2.00		6.50	
-Operating Interest	4.43		6.29	
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>122.60</b>		<b>174.03</b>	
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	9.51		9.73	
-Machinery Depreciation	25.77		27.15	
-Machinery Investment	12.80		13.06	
-Land Charge	41.00		41.00	
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>89.08</b>		<b>90.94</b>	
<b>SUM OF ALL LISTED COSTS</b>	<b>211.68</b>		<b>264.97</b>	
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>(16.56)</b>		<b>(17.59)</b>	
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(bu) :</b>		<b>(bu) :</b>	
-Direct Costs	6.81		5.63	
-Indirect Costs	4.95		2.94	
-Total Costs	11.76		8.57	

Field Pea notes:

\*Seed treatment for pea leaf weevil. Foliar insecticide for cutworms and/or pea aphids would cost about \$4 per acre plus application.

## Oat

## Lentil

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	59	_____	1300	_____
Market Price	2.47	_____	0.25	_____
<b>MARKET REVENUE</b>	<b>145.73</b>	_____	<b>325.00</b>	_____
<b>DIRECT COSTS</b>				
-Seed	16.00	_____	21.00	_____
-Herbicides	12.30	_____	39.20*	_____
-Fungicides	0.00	_____	16.00**	_____
-Insecticides	0.00	_____	0.00***	_____
-Fertilizer	44.78	_____	6.64	_____
-Crop Insurance	11.30	_____	9.50	_____
-Fuel & Lubrication	15.60	_____	15.75	_____
-Repairs	22.29	_____	25.90	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	4.96	_____	5.40	_____
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>137.23</b>	_____	<b>149.39</b>	_____
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	10.35	_____	10.32	_____
-Machinery Depreciation	27.86	_____	31.54	_____
-Machinery Investment	14.02	_____	15.09	_____
-Land Charge	41.00	_____	41.00	_____
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>93.23</b>	_____	<b>97.95</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>230.46</b>	_____	<b>247.34</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>(84.73)</b>	_____	<b>77.66</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(bu) :</b>		<b>(lb) :</b>	
-Direct Costs	2.33	_____	0.115	_____
-Indirect Costs	1.58	_____	0.075	_____
-Total Costs	3.91	_____	0.190	_____

Lentil 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.



## Yellow Mustard

## Buckwheat

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	750	_____	850	_____
Market Price	0.30	_____	0.24	_____
<b>MARKET REVENUE</b>	<b>225.00</b>	_____	<b>204.00</b>	_____
<b>DIRECT COSTS</b>				
-Seed	11.27	_____	26.00	_____
-Herbicides	22.60	_____	20.70	_____
-Fungicides	0.00	_____	0.00*	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	23.84	_____	15.95	_____
-Crop Insurance	25.50*	_____	7.50	_____
-Fuel & Lubrication	13.35	_____	12.89	_____
-Repairs	21.68	_____	20.81	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	2.00	_____
-Operating Interest	4.81	_____	3.97	_____
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>133.05</b>	_____	<b>109.82</b>	_____
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	9.70	_____	9.48	_____
-Machinery Depreciation	25.44	_____	24.78	_____
-Machinery Investment	13.50	_____	12.69	_____
-Land Charge	41.00	_____	41.00	_____
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>89.64</b>	_____	<b>87.95</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>222.69</b>	_____	<b>197.77</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>2.31</b>	_____	<b>6.23</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(lb) :</b>		<b>(lb) :</b>	
-Direct Costs	0.177	_____	0.129	_____
-Indirect Costs	0.120	_____	0.103	_____
-Total Costs	0.297	_____	0.233	_____

Yellow Mustard notes:

\*Crop insurance is not available in some counties of the region.

Safflower notes:

\*Fungicide for alternaria leaf spot.

## Millet

## Winter Wheat

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1400	_____	42	_____
Market Price	0.11	_____	5.41	_____
<b>MARKET REVENUE</b>	<b>154.00</b>	_____	<b>227.22</b>	_____
<b>DIRECT COSTS</b>				
-Seed	15.00	_____	12.00	_____
-Herbicides	11.10	_____	24.60	_____
-Fungicides	0.00	_____	10.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	22.36	_____	65.72	_____
-Crop Insurance	0.00*	_____	4.70	_____
-Fuel & Lubrication	13.79	_____	12.59	_____
-Repairs	21.26	_____	19.84	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	3.51	_____	5.98	_____
	=====	=====	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>97.02</b>	_____	<b>165.43</b>	_____
<b>INDIRECT (FIXED) COSTS</b>				
-Misc. Overhead	9.72	_____	9.21	_____
-Machinery Depreciation	25.71	_____	23.56	_____
-Machinery Investment	13.11	_____	11.16	_____
-Land Charge	41.00	_____	41.00	_____
	=====	=====	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>89.54</b>	_____	<b>84.93</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>186.56</b>	_____	<b>250.36</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>(32.56)</b>	_____	<b>(23.14)</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(lb) :</b>		<b>(bu) :</b>	
-Direct Costs	0.069	_____	3.94	_____
-Indirect Costs	0.064	_____	2.02	_____
-Total Costs	0.133	_____	5.96	_____

Buckwheat notes:

\*Crop insurance is not available in most counties of the region.

# Rye

	Per Acre	Your Figures
Market Yield	41	_____
Market Price	5.87	_____
<b>MARKET REVENUE</b>	<b>240.67</b>	_____
<b>DIRECT COSTS</b>		
-Seed	12.00	_____
-Herbicides	4.00	_____
-Fungicides	0.00*	_____
-Insecticides	0.00	_____
-Fertilizer	63.75	_____
-Crop Insurance	11.00	_____
-Fuel & Lubrication	12.26	_____
-Repairs	18.74	_____
-Drying	0.00	_____
-Miscellaneous	10.00	_____
-Operating Interest	4.94	_____
	=====	=====
<b>SUM OF LISTED DIRECT COSTS</b>	<b>136.69</b>	_____
<b>INDIRECT (FIXED) COSTS</b>		
-Misc. Overhead	9.11	_____
-Machinery Depreciation	22.95	_____
-Machinery Investment	10.90	_____
-Land Charge	41.00	_____
	=====	=====
<b>SUM OF LISTED INDIRECT COSTS</b>	<b>83.96</b>	_____
<b>SUM OF ALL LISTED COSTS</b>	<b>220.65</b>	_____
<b>RETURN TO LABOR &amp; MANAGEMENT</b>	<b>20.02</b>	_____
<b>LISTED COSTS PER BUDGET UNIT</b>	<b>(bu) :</b>	
-Direct Costs	3.33	_____
-Indirect Costs	2.05	_____
-Total Costs	5.38	_____

Large Chickpea notes:

\*Two fungicide treatments for ascochyta blight. Additional treatments may be necessary.

Winter Wheat notes:

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

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**For more information on this and other topics, see [www.ndsu.edu/extension](http://www.ndsu.edu/extension)**

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