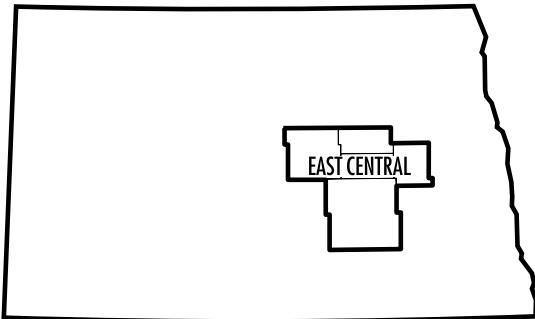




FARM MANAGEMENT PLANNING GUIDE

February 2026

Projected 2026 Crop Budgets



East Central North Dakota

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Note: This region consists of five counties:
Eddy, Foster, Griggs, Stutsman and Wells.

The 2026 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 2026 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 current farm program 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 2018-2024, 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	- .58/lb
Phosphorus	- .68/lb
Potassium	- .38/lb

Seed Prices:

Spring Wheat	13.00/bu
Durum	15.00/bu
Barley	10.00/bu
Corn GM	3.00/thou.kern.
Soybean GM	.34/thou.kern.
Dry Bean	1.00/thou.kern.
Oil Sunflower	1.70/thou.kern.
Conf. Sunflower	3.00/thou.kern.
Canola	15.00/lb
Flax	22.00/bu
Field Pea	18.00/bu
Oat	8.00/bu
Mustard	.98/lb
Buckwheat	.52/lb
Millet	.60/lb
Winter Wheat	11.00/bu
Rye	8.00/bu

Fuel Prices:

Diesel	2.55/gal
Gasoline	2.50/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 7.0% 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	55	_____	55	_____
Market Price	5.81	_____	6.80*	_____
MARKET REVENUE	319.55	_____	374.00	_____
DIRECT COSTS				
-Seed	22.75	_____	26.25	_____
-Herbicides	23.90	_____	23.90	_____
-Fungicides**	18.50	_____	18.50	_____
-Insecticides***	0.00	_____	0.00	_____
-Fertilizer	106.14	_____	106.14	_____
-Crop Insurance	6.30	_____	7.90	_____
-Fuel & Lubrication	17.42	_____	17.42	_____
-Repairs	25.55	_____	25.55	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	2.00	_____	2.00	_____
-Operating Interest	7.79	_____	7.97	_____
SUM OF LISTED DIRECT COSTS	230.35	_____	235.63	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.80	_____	10.80	_____
-Machinery Depreciation	30.23	_____	30.23	_____
-Machinery Investment	15.47	_____	15.47	_____
-Land Charge	75.00	_____	75.00	_____
SUM OF LISTED INDIRECT COSTS	131.50	_____	131.50	_____
SUM OF ALL LISTED COSTS	361.85	_____	367.13	_____
RETURN TO LABOR & MANAGEMENT	(42.30)	_____	6.87	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs	4.19	_____	4.28	_____
-Indirect Costs	2.39	_____	2.39	_____
-Total Costs	6.58	_____	6.68	_____

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	71	_____	149	_____
Market Price	4.95*	_____	3.75	_____
MARKET REVENUE	351.45	_____	558.75	_____
DIRECT COSTS				
-Seed	17.50	_____	94.50*	_____
-Herbicides	22.70	_____	35.50	_____
-Fungicides	18.50**	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	81.89	_____	155.14	_____
-Crop Insurance	4.40	_____	10.40	_____
-Fuel & Lubrication	18.17	_____	26.93	_____
-Repairs	25.76	_____	34.67	_____
-Drying	0.00	_____	29.80	_____
-Miscellaneous	2.00	_____	2.00	_____
-Operating Interest	6.68	_____	13.61	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	197.60	_____	402.55	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	11.21	_____	15.18	_____
-Machinery Depreciation	31.80	_____	52.33	_____
-Machinery Investment	16.18	_____	25.81	_____
-Land Charge	75.00	_____	75.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	134.19	_____	168.32	_____
SUM OF ALL LISTED COSTS	331.79	_____	570.87	_____
RETURN TO LABOR & MANAGEMENT	19.66	_____	(12.12)	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs	2.78	_____	2.70	_____
-Indirect Costs	1.89	_____	1.13	_____
-Total Costs	4.67	_____	3.83	_____

Barley notes:

*There is risk of not making malting barley quality. Use \$3.00 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).

Corn notes:

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

Soybean

Drybean

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	36	_____	1680	_____
Market Price	9.75	_____	0.27	_____
MARKET REVENUE	351.00	_____	453.60	_____
DIRECT COSTS				
-Seed	65.80*	_____	82.50	_____
-Herbicides	35.40	_____	54.70**	_____
-Fungicides	0.00	_____	20.00**	_____
-Insecticides	4.00**	_____	0.00	_____
-Fertilizer	13.16	_____	54.76	_____
-Crop Insurance	4.90	_____	10.20	_____
-Fuel & Lubrication	14.91	_____	19.38	_____
-Repairs	24.22	_____	29.52	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	5.50	_____	15.50	_____
-Operating Interest	5.88	_____	10.03	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	173.77	_____	296.59	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.42	_____	11.62	_____
-Machinery Depreciation	29.49	_____	36.09	_____
-Machinery Investment	14.95	_____	18.73	_____
-Land Charge	75.00	_____	75.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	129.86	_____	141.44	_____
SUM OF ALL LISTED COSTS	303.63	_____	438.03	_____
RETURN TO LABOR & MANAGEMENT	47.37	_____	15.57	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(lb) :	
-Direct Costs	4.83	_____	0.177	_____
-Indirect Costs	3.61	_____	0.084	_____
-Total Costs	8.43	_____	0.261	_____

Soybean 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 foliar-feeding caterpillars.

Drybean notes:

*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

Confectionery Sunflower

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	2030	_____	1740	_____
Market Price	0.212	_____	0.283	_____
MARKET REVENUE	430.36	_____	492.42	_____
DIRECT COSTS				
-Seed	37.40	_____	57.00	_____
-Herbicides	28.60	_____	31.60	_____
-Fungicides	0.00*	_____	0.00*	_____
-Insecticides	5.00**	_____	10.00**	_____
-Fertilizer	74.53	_____	61.23	_____
-Crop Insurance	9.70	_____	15.00	_____
-Fuel & Lubrication	18.73	_____	18.22	_____
-Repairs	26.17	_____	25.87	_____
-Drying	8.12	_____	6.96	_____
-Miscellaneous	12.00	_____	22.00	_____
-Operating Interest	7.71	_____	8.68	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	227.96	_____	256.56	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	11.78	_____	11.59	_____
-Machinery Depreciation	33.84	_____	33.16	_____
-Machinery Investment	18.12	_____	17.84	_____
-Land Charge	75.00	_____	75.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	138.74	_____	137.59	_____
SUM OF ALL LISTED COSTS	366.70	_____	394.15	_____
RETURN TO LABOR & MANAGEMENT	63.66	_____	98.27	_____
LISTED COSTS PER BUDGET UNIT	(lb) :		(lb) :	
-Direct Costs	0.112	_____	0.147	_____
-Indirect Costs	0.068	_____	0.079	_____
-Total Costs	0.181	_____	0.227	_____

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."

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."

Canola

Flax

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1770	_____	18	_____
Market Price	0.201	_____	13.65	_____
MARKET REVENUE	355.77	_____	245.70	_____
DIRECT COSTS				
-Seed	75.00	_____	22.00	_____
-Herbicides	15.60	_____	27.10	_____
-Fungicides	0.00*	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	101.33	_____	29.56	_____
-Crop Insurance	7.80	_____	11.60	_____
-Fuel & Lubrication	16.82	_____	16.50	_____
-Repairs	25.16	_____	26.09	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	2.00	_____	2.00	_____
-Operating Interest	8.53	_____	4.72	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	252.24	_____	139.57	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.51	_____	10.56	_____
-Machinery Depreciation	30.47	_____	30.44	_____
-Machinery Investment	15.31	_____	15.93	_____
-Land Charge	75.00	_____	75.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	131.29	_____	131.93	_____
SUM OF ALL LISTED COSTS	383.53	_____	271.50	_____
RETURN TO LABOR & MANAGEMENT	(27.76)	_____	(25.80)	_____
LISTED COSTS PER BUDGET UNIT	(lb) :		(bu) :	
-Direct Costs	0.143	_____	7.75	_____
-Indirect Costs	0.074	_____	7.33	_____
-Total Costs	0.217	_____	15.08	_____

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	36.7714	_____	81	_____
Market Price	7.00	_____	2.46	_____
MARKET REVENUE	257.40	_____	199.26	_____
DIRECT COSTS				
-Seed	54.00	_____	16.00	_____
-Herbicides	34.90	_____	6.20	_____
-Fungicides	3.00	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	15.52	_____	79.54	_____
-Crop Insurance	5.80	_____	10.60	_____
-Fuel & Lubrication	17.45	_____	20.44	_____
-Repairs	26.90	_____	27.70	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	2.00	_____
-Operating Interest	5.86	_____	5.69	_____
SUM OF LISTED DIRECT COSTS	173.43	_____	168.17	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.89	_____	11.88	_____
-Machinery Depreciation	32.30	_____	34.80	_____
-Machinery Investment	16.32	_____	17.88	_____
-Land Charge	75.00	_____	75.00	_____
SUM OF LISTED INDIRECT COSTS	134.51	_____	139.56	_____
SUM OF ALL LISTED COSTS	307.94	_____	307.73	_____
RETURN TO LABOR & MANAGEMENT	(50.54)	_____	(108.47)	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs	4.72	_____	2.08	_____
-Indirect Costs	3.66	_____	1.72	_____
-Total Costs	8.37	_____	3.80	_____

Field Pea notes:

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

Yellow Mustard

Buckwheat

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	800	_____	950	_____
Market Price	0.30	_____	0.19	_____
MARKET REVENUE	240.00	_____	180.50	_____
DIRECT COSTS				
-Seed	13.72	_____	26.00	_____
-Herbicides	12.90	_____	13.60	_____
-Fungicides	0.00	_____	0.00	_____
-Insecticides	6.00*	_____	0.00	_____
-Fertilizer	31.65	_____	24.04	_____
-Crop Insurance	0.00**	_____	9.50*	_____
-Fuel & Lubrication	15.92	_____	16.18	_____
-Repairs	25.06	_____	25.23	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	2.00	_____	2.00	_____
-Operating Interest	3.75	_____	4.08	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	111.00	_____	120.63	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.43	_____	10.55	_____
-Machinery Depreciation	29.41	_____	29.80	_____
-Machinery Investment	15.63	_____	15.78	_____
-Land Charge	75.00	_____	75.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	130.47	_____	131.13	_____
SUM OF ALL LISTED COSTS	241.47	_____	251.76	_____
RETURN TO LABOR & MANAGEMENT	(1.47)	_____	(71.26)	_____
LISTED COSTS PER BUDGET UNIT	(lb) :		(lb) :	
-Direct Costs	0.139	_____	0.127	_____
-Indirect Costs	0.163	_____	0.138	_____
-Total Costs	0.302	_____	0.265	_____

Yellow Mustard notes:

*Insecticide seed treatment for flea beetles.

**Crop insurance is not available in this region.

Buckwheat notes:

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

Millet

Winter Wheat

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1700	_____	60*	_____
Market Price	0.11	_____	5.05	_____
MARKET INCOME	187.00	_____	303.00	_____
DIRECT COSTS				
-Seed	15.00	_____	13.20	_____
-Herbicides	3.90	_____	26.80	_____
-Fungicides	0.00	_____	10.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	36.57	_____	117.48	_____
-Crop Insurance	0.00	_____	6.30	_____
-Fuel & Lubrication	17.80	_____	15.06	_____
-Repairs	26.15	_____	22.68	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	2.00	_____	10.00	_____
-Operating Interest	3.55	_____	7.75	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	104.97	_____	229.27	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.91	_____	10.10	_____
-Machinery Depreciation	31.35	_____	27.45	_____
-Machinery Investment	16.45	_____	13.25	_____
-Land Charge	75.00	_____	75.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	133.71	_____	125.80	_____
SUM OF ALL LISTED COSTS	238.68	_____	355.07	_____
RETURN TO LABOR & MANAGEMENT	(51.68)	_____	(52.07)	_____
LISTED COSTS PER BUDGET UNIT	(lb) :		(bu) :	
-Direct Costs	0.062	_____	3.82	_____
-Indirect Costs	0.079	_____	2.10	_____
-Total Costs	0.140	_____	5.92	_____

Winter Wheat notes:

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

Rye

	Per Acre	Your Figures
Market Yield	47	_____
Market Price	4.60	_____
MARKET REVENUE	216.20	_____
DIRECT COSTS		
-Seed	9.60	_____
-Herbicides	4.00	_____
-Fungicides	0.00	_____
-Insecticides	0.00	_____
-Fertilizer	88.00	_____
-Crop Insurance	13.60	_____
-Fuel & Lubrication	14.41	_____
-Repairs	21.90	_____
-Drying	0.00	_____
-Miscellaneous	10.00	_____
-Operating Interest	5.65	_____
	=====	=====
SUM OF LISTED DIRECT COSTS	167.16	_____
INDIRECT (FIXED) COSTS		
-Misc. Overhead	9.89	_____
-Machinery Depreciation	26.56	_____
-Machinery Investment	13.02	_____
-Land Charge	75.00	_____
	=====	=====
SUM OF LISTED INDIRECT COSTS	124.47	_____
SUM OF ALL LISTED COSTS	291.63	_____
RETURN TO LABOR & MANAGEMENT	(75.43)	_____
LISTED COSTS PER BUDGET UNIT	(bu) :	
-Direct Costs	3.56	_____
-Indirect Costs	2.65	_____
-Total Costs	6.20	_____

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