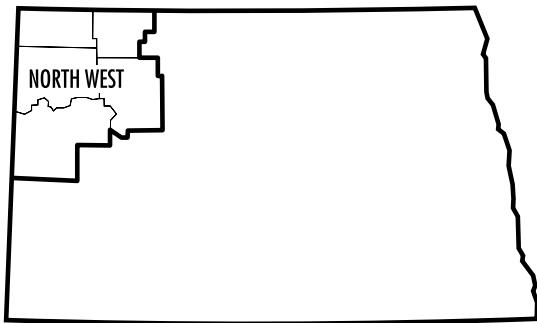




FARM MANAGEMENT PLANNING GUIDE

February 2026

Projected 2026 Crop Budgets



North West North Dakota

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This region consists of five counties:
Burke, Divide, McKenzie, Mountrail and Williams.

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.

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 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.
Oil Sunflower	1.70/thou.kern.
Canola	15.00/lb
Flax	22.00/bu
Field Pea	18.00/bu
Oat	8.00/bu
Lentil	.30/lb
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 = $(\text{Purchase price} + \text{Disposal price})/2$

Depreciation: $(\text{Purchase price} - \text{disposal price}) / \text{years ownership}$

Spring Wheat

Durum

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	43	_____	40	_____
Market Price	5.67	_____	6.67*	_____
MARKET REVENUE	243.81	_____	266.80	_____
DIRECT COSTS				
-Seed	19.50	_____	26.25	_____
-Herbicides	28.70	_____	28.70	_____
-Fungicides**	6.50	_____	6.50	_____
-Insecticides***	0.00	_____	0.00	_____
-Fertilizer	83.25	_____	76.11	_____
-Crop Insurance	4.90	_____	5.40	_____
-Fuel & Lubrication	12.23	_____	12.06	_____
-Repairs	20.54	_____	20.44	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	6.50	_____	6.49	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	192.12	_____	191.95	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.49	_____	9.43	_____
-Machinery Depreciation	24.96	_____	24.74	_____
-Machinery Investment	11.97	_____	11.88	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	85.42	_____	85.05	_____
SUM OF ALL LISTED COSTS	277.54	_____	277.00	_____
RETURN TO LABOR & MANAGEMENT	(33.73)	_____	(10.20)	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs	4.47	_____	4.80	_____
-Indirect Costs	1.99	_____	2.13	_____
-Total Costs	6.45	_____	6.93	_____

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. Wheat midge insecticide would cost about \$6.

Malting Barley

Corn Grain

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	60	_____	84	_____
Market Price	5.08*	_____	3.75	_____
MARKET REVENUE	304.80	_____	315.00	_____
DIRECT COSTS				
-Seed	13.50	_____	69.00*	_____
-Herbicides	27.90	_____	23.60	_____
-Fungicides	6.50**	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	70.85	_____	85.07	_____
-Crop Insurance	4.90	_____	6.60**	_____
-Fuel & Lubrication	13.19	_____	16.20	_____
-Repairs	21.11	_____	24.86	_____
-Drying	0.00	_____	16.80	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	5.88	_____	8.82	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	173.83	_____	260.95	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.84	_____	12.08	_____
-Machinery Depreciation	26.21	_____	38.92	_____
-Machinery Investment	12.49	_____	18.53	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	87.54	_____	108.53	_____
SUM OF ALL LISTED COSTS	261.37	_____	369.48	_____
RETURN TO LABOR & MANAGEMENT	43.43	_____	(54.48)	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs	2.90	_____	3.11	_____
-Indirect Costs	1.46	_____	1.29	_____
-Total Costs	4.36	_____	4.40	_____

Barley notes:

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

**Includes seed treatment and early season foliar fungicide. Although late season fungicides are often not common in this region, prothioconazole or metconazole 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 by written agreement in most counties of region.

Soybean

Oil Sunflower

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	22	_____	1620	_____
Market Price	9.60	_____	0.206	_____
MARKET REVENUE	211.20	_____	333.72	_____
DIRECT COSTS				
-Seed	65.80*	_____	35.70	_____
-Herbicides	14.50	_____	37.20	_____
-Fungicides	0.00	_____	0.00**	_____
-Insecticides	0.00	_____	5.00**	_____
-Fertilizer	13.28	_____	59.00	_____
-Crop Insurance	5.40**	_____	10.20	_____
-Fuel & Lubrication	11.71	_____	13.18	_____
-Repairs	20.69	_____	22.01	_____
-Drying	0.00	_____	6.48	_____
-Miscellaneous	5.50	_____	20.00	_____
-Operating Interest	4.79	_____	7.31	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	141.67	_____	216.08	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.45	_____	10.27	_____
-Machinery Depreciation	25.64	_____	28.65	_____
-Machinery Investment	12.50	_____	14.04	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	86.59	_____	91.96	_____
SUM OF ALL LISTED COSTS	228.26	_____	308.04	_____
RETURN TO LABOR & MANAGEMENT	(17.06)	_____	25.68	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(lb) :	
-Direct Costs	6.44	_____	0.133	_____
-Indirect Costs	3.94	_____	0.057	_____
-Total Costs	10.38	_____	0.190	_____

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 in McKenzie county by written agreement.

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).

Canola

Flax

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1780	_____	19	_____
Market Price	0.201	_____	13.21	_____
MARKET REVENUE	357.78	_____	250.99	_____
DIRECT COSTS				
-Seed	75.00	_____	17.60	_____
-Herbicides	15.60	_____	33.60	_____
-Fungicides	0.00	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	108.04	_____	34.01	_____
-Crop Insurance	9.70	_____	11.60	_____
-Fuel & Lubrication	12.95	_____	12.65	_____
-Repairs	21.95	_____	22.90	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	2.00	_____
-Operating Interest	8.86	_____	4.70	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	262.10	_____	139.06	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.72	_____	9.78	_____
-Machinery Depreciation	27.25	_____	27.26	_____
-Machinery Investment	12.95	_____	13.59	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	88.92	_____	89.63	_____
SUM OF ALL LISTED COSTS	351.02	_____	228.69	_____
RETURN TO LABOR & MANAGEMENT	6.76	_____	22.30	_____
LISTED COSTS PER BUDGET UNIT	(lb) :		(bu) :	
-Direct Costs	0.147	_____	7.32	_____
-Indirect Costs	0.050	_____	4.72	_____
-Total Costs	0.197	_____	12.04	_____

Field Pea

Oat

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	31.7571	_____	69	_____
Market Price	7.00	_____	2.52	_____
MARKET REVENUE	222.30	_____	173.88	_____
DIRECT COSTS				
-Seed	54.00	_____	16.00	_____
-Herbicides	39.70	_____	12.30	_____
-Fungicides	3.00	_____	0.00	_____
-Insecticides	6.00*	_____	0.00	_____
-Fertilizer	16.96	_____	69.24	_____
-Crop Insurance	7.30	_____	10.60	_____
-Fuel & Lubrication	13.38	_____	15.41	_____
-Repairs	23.56	_____	23.40	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	6.09	_____	5.49	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	179.99	_____	162.44	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.01	_____	10.75	_____
-Machinery Depreciation	28.78	_____	29.80	_____
-Machinery Investment	13.85	_____	14.88	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	91.64	_____	94.43	_____
SUM OF ALL LISTED COSTS	271.63	_____	256.87	_____
RETURN TO LABOR & MANAGEMENT	(49.33)	_____	(82.99)	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs	5.67	_____	2.35	_____
-Indirect Costs	2.89	_____	1.37	_____
-Total Costs	8.55	_____	3.72	_____

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.

Lentil

Yellow Mustard

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	1220	_____	800	_____
Market Price	0.19	_____	0.30	_____
MARKET REVENUE	231.80	_____	240.00	_____
DIRECT COSTS				
-Seed	21.00	_____	11.27	_____
-Herbicides	39.20*	_____	22.60	_____
-Fungicides	16.00**	_____	0.00	_____
-Insecticides	0.00***	_____	0.00	_____
-Fertilizer	10.89	_____	34.06	_____
-Crop Insurance	8.70	_____	12.60*	_____
-Fuel & Lubrication	14.93	_____	12.71	_____
-Repairs	26.80	_____	22.52	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	5.16	_____	4.40	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	152.68	_____	130.16	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	10.48	_____	9.89	_____
-Machinery Depreciation	32.65	_____	26.54	_____
-Machinery Investment	15.61	_____	14.05	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	97.74	_____	89.48	_____
SUM OF ALL LISTED COSTS	250.42	_____	219.64	_____
RETURN TO LABOR & MANAGEMENT	(18.62)	_____	20.36	_____
LISTED COSTS PER BUDGET UNIT	(lb) :		(lb) :	
-Direct Costs	0.125	_____	0.163	_____
-Indirect Costs	0.080	_____	0.112	_____
-Total Costs	0.205	_____	0.275	_____

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 notes:

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

Buckwheat

Millet

	Per Acre	Your Figures	Per Acre	Your Figures
Market Yield	850	_____	1300	_____
Market Price	0.19	_____	0.11	_____
MARKET REVENUE	161.50	_____	143.00	_____
DIRECT COSTS				
-Seed	26.00	_____	15.00	_____
-Herbicides	20.70	_____	11.10	_____
-Fungicides	0.00	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	21.48	_____	25.45	_____
-Crop Insurance	6.30*	_____	0.00	_____
-Fuel & Lubrication	12.24	_____	12.99	_____
-Repairs	21.58	_____	21.97	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	2.00	_____	10.00	_____
-Operating Interest	3.86	_____	3.38	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	114.16	_____	99.89	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.65	_____	9.85	_____
-Machinery Depreciation	25.80	_____	26.64	_____
-Machinery Investment	13.19	_____	13.57	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	87.64	_____	89.06	_____
SUM OF ALL LISTED COSTS	201.80	_____	188.95	_____
RETURN TO LABOR & MANAGEMENT	(40.30)	_____	(45.95)	_____
LISTED COSTS PER BUDGET UNIT	(lb) :		(lb) :	
-Direct Costs	0.134	_____	0.077	_____
-Indirect Costs	0.103	_____	0.069	_____
-Total Costs	0.237	_____	0.145	_____

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	47*	_____	40	_____
Market Price	4.89	_____	4.16	_____
MARKET REVENUE	229.83	_____	166.40	_____
DIRECT COSTS				
-Seed	11.00	_____	9.60	_____
-Herbicides	24.60	_____	4.00	_____
-Fungicides	10.00	_____	0.00	_____
-Insecticides	0.00	_____	0.00	_____
-Fertilizer	92.77	_____	76.11	_____
-Crop Insurance	4.90	_____	7.80	_____
-Fuel & Lubrication	12.23	_____	11.58	_____
-Repairs	20.70	_____	19.36	_____
-Drying	0.00	_____	0.00	_____
-Miscellaneous	10.00	_____	10.00	_____
-Operating Interest	6.52	_____	4.85	_____
	=====	=====	=====	=====
SUM OF LISTED DIRECT COSTS	192.72	_____	143.30	_____
INDIRECT (FIXED) COSTS				
-Misc. Overhead	9.46	_____	9.23	_____
-Machinery Depreciation	24.93	_____	23.86	_____
-Machinery Investment	11.75	_____	11.29	_____
-Land Charge	39.00	_____	39.00	_____
	=====	=====	=====	=====
SUM OF LISTED INDIRECT COSTS	85.14	_____	83.38	_____
SUM OF ALL LISTED COSTS	277.86	_____	226.68	_____
RETURN TO LABOR & MANAGEMENT	(48.03)	_____	(60.28)	_____
LISTED COSTS PER BUDGET UNIT	(bu) :		(bu) :	
-Direct Costs	4.10	_____	3.58	_____
-Indirect Costs	1.81	_____	2.08	_____
-Total Costs	5.91	_____	5.67	_____

Winter Wheat notes:

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

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