

2017 Crop Comparison Worksheet

CROP INCOME	WHEAT	SOYBEANS	CORN
Yield Per Acre	65.00	40.00	155.00
Price Received per Bushel	\$ 5.00	\$ 8.80	\$ 3.50
Total Product Return per Acre	\$ 325.00	\$ 352.00	\$ 542.50

DIRECT EXPENSES

Seed	\$ 15.00	\$ 70.00	\$ 93.00
Fertilizer	\$ 80.00	\$ 13.00	\$ 120.00
Crop Chemicals	\$ 28.00	\$ 30.00	\$ 26.00
Crop Insurance	\$ 14.00	\$ 19.00	\$ 20.00
Fuel and Oil	\$ 14.00	\$ 14.00	\$ 24.00
Repairs	\$ 21.00	\$ 21.00	\$ 38.00
Custom Hire/Lease	\$ -		\$ 7.00
Land Rent	\$ 125.00	\$ 125.00	\$ 125.00
Drying			\$ 20.00
Operating Interest	\$ 1.00	\$ 1.00	\$ 1.00
Miscellaneous	\$ 1.00	\$ 1.00	\$ 1.00
TOTAL DIRECT EXPENSE	\$ 299.00	\$ 294.00	\$ 475.00
Return over direct	\$ 26.00	\$ 58.00	\$ 67.50
OVERHEAD EXPENSES			
Overhead Expenses	\$ 85.00	\$ 85.00	\$ 85.00
TOTAL OVERHEAD EXPENSE	\$ 85.00	\$ 85.00	\$ 85.00
Miscellaneous Payments	\$ -	\$ -	\$ -
TOTAL EXPENSES/ACRE	\$ 384.00	\$ 379.00	\$ 560.00

NET RETURN/ACRE	\$ (59.00)	\$ (27.00)	\$ (17.50)
Profit Margin	-15.36%	-7.12%	-3.13%

BEP	\$ 5.91	\$ 9.48	\$ 3.61
\$50 Return/A	\$ 6.68	\$ 10.73	\$ 3.94
\$100 Return/A	\$ 7.45	\$ 11.98	\$ 4.26
\$150 Return/A	\$ 8.22	\$ 13.23	\$ 4.58
\$200 Return/A	\$ 8.98	\$ 14.48	\$ 4.90

Overhead is an average of rented and owned acres.

If all land is rented, overhead would be less, but cash rent may be higher. The numbers look at whole farm average

ND 2017 Planning Prices

No family living in BEP

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CROP INCOME	Sunflowers Oil	Sunflowers Conf.	Sugar Beets
Yield Per Acre	19.00	17.00	25.00
Price Received per Bushel	\$ 17.00	\$ 23.00	\$ 43.00
Total Product Return per Acre	\$ 323.00	\$ 391.00	\$ 1,075.00

DIRECT EXPENSES

Seed	\$ 38.00	\$ 52.00	\$ 215.00
Fertilizer	\$ 55.00	\$ 50.00	\$ 100.00
Crop Chemicals	\$ 40.00	\$ 45.00	\$ 85.00
Crop Insurance	\$ 15.00	\$ 15.00	\$ 23.00
Fuel and Oil	\$ 12.00	\$ 12.00	\$ 58.00
Repairs	\$ 30.00	\$ 30.00	\$ 90.00
Custom Hire/Lease	\$ 10.00	\$ 10.00	\$ 20.00
Stock Quota Joint Venture			\$ -
Land Rent	\$ 125.00	\$ 125.00	\$ 125.00
Hired Labor			\$ 50.00
Operating Interest	\$ 1.00	\$ 1.00	\$ 8.00
Miscellaneous	\$ 1.00	\$ 1.00	\$ 3.00
TOTAL DIRECT EXPENSE	\$ 327.00	\$ 341.00	\$ 777.00
Return over Direct	\$ (4.00)	\$ 50.00	\$ 298.00

OVERHEAD EXPENSES

Overhead Expenses	\$ 85.00	\$ 85.00	\$ 85.00
TOTAL OVERHEAD EXPENSE	\$ 85.00	\$ 85.00	\$ 85.00
Miscellaneous Payments	\$ -	\$ -	\$ 20.00
TOTAL EXPENSES/ACRE	\$ 412.00	\$ 426.00	\$ 842.00

NET RETURN/ACRE	\$ (89.00)	\$ (35.00)	\$ 233.00
Profit Margin	-21.60%	-8.22%	27.67%

BEP	\$ 21.68	\$ 25.06	\$ 33.68
\$50 Return/A	\$ 24.32	\$ 28.00	\$ 35.68
\$100 Return/A	\$ 26.95	\$ 30.94	\$ 37.68
\$150 Return/A	\$ 29.58	\$ 33.88	\$ 39.68
\$200 Return/A	\$ 32.21	\$ 36.82	\$ 41.68

Overhead is an average of rented and owned acres.

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No family living in BEP