



2018 New Crop Cereal Budget

May 2, 2018		CWRS	CPSR	CNHR	CWRW	Hybrid Rye	Conv Rye	Malt Barley	Feed Barley	Oats
Price Estimate		\$6.75	\$5.50	\$5.50	\$5.50	\$5.15	\$5.15	\$5.00	\$4.00	\$2.85
Unit		BU	BU	BU	BU	BU	BU	BU	BU	BU
Yield/bu		55	65	70	75	100	70	85	85	110
Gross Profit / acre		\$371.25	\$357.50	\$385.00	\$412.50	\$515.00	\$360.50	\$425.00	\$340.00	\$313.50
VARIABLE COSTS										
Seed	26.00	26.00	26.00	26.00	26.00	68.00	18.00	18.00	18.00	18.00
Seed Treatment/Inoculant	5.00	5.00	5.00	5.00	5.00	0.00	5.00	5.00	5.00	5.00
Herbicides	22.00	22.00	22.00	22.00	22.00	10.00	10.00	22.00	22.00	10.00
Fungicides/insecticides	18.00	18.00	18.00	18.00	18.00	0.00	0.00	18.00	18.00	10.00
Fertilizer	82.01	86.94	86.94	86.94	82.01	67.22	77.08	77.08	77.08	67.90
Other(staff, Fuel, R&M, Ins. Cleaning & drying)	50.00	50.00	50.00	50.00	75.00	67.50	50.00	50.00	50.00	50.00
TOTAL VARIABLE COST	\$203.01	\$207.94	\$207.94	\$207.94	\$235.01	\$167.72	\$190.08	\$190.08	\$190.08	\$160.90
Net \$/acre Before Fixed Costs	\$168.24	\$149.56	\$177.06	\$204.56	\$279.99	\$192.78	\$234.92	\$149.92	\$152.60	
Fixed Costs (Land, Equipment & OH)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
TOTAL COSTS	303.01	307.94	307.94	307.94	335.01	267.72	290.08	290.08	290.08	260.90
Net \$/acre After Fixed Costs	\$68.24	\$49.56	\$77.06	\$104.56	\$179.99	\$92.78	\$134.92	\$49.92	\$52.60	
Best Profitability	6	9	5	3	1	4	2	8	7	
Dry Granular Fertilizer Rates \$/mt										
N lbs/ac (46-0-0-0)	500	130	140	140	140	130	100	120	120	100
P lbs/ac (11-52-0-0)	650	25	25	25	25	25	25	25	25	25
K lbs/ac (0-0-60-0)	375	15	15	15	15	15	15	15	15	10
S lbs/ac (21-0-0-24)	450	5	5	5	5	5	5	5	5	10
Risk Evaluation										
Variable Cost Break Even Yield	30	38	38	38	46	33	38	48	56	
Variable Cost Break Even Price	\$3.69	\$3.20	\$2.97	\$2.77	\$2.35	\$2.40	\$2.24	\$2.24	\$1.46	
Total Cost Break Even Yield	45	56	56	56	65	52	58	73	92	
Total Cost Break Even Price	\$5.51	\$4.74	\$4.40	\$4.11	\$3.35	\$3.82	\$3.41	\$3.41	\$2.37	
Disclaimer:										
This crop budget is based on estimated farm and market values across Western Canada. Farm producers are recommended to conduct an individual analysis for their operation.										