



Northeastern Colorado-Dryland Corn Reduced Till in a Two-Crop in a Three Year Rotation
Estimated Production Costs & Returns **2015**

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per BU	YOUR FARM
CORN	BU	\$3.70	82.0	\$303.40	\$3.70	
CROP INSURANCE INDEMNITY PAYME	DOLS			\$0	\$0.00	
Total Receipts				\$303.40	\$3.70	\$0

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per BU	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	58.94	1.00	58.94	0.72	
FERTILIZER	DOLS	40.21	1.00	40.21	0.49	
HERBICIDE	DOLS	37.36	1.00	37.36	0.46	
CUSTOM APPLICATION	DOLS	7.00	1.00	7.00	0.09	
CROP INSURANCE	DOLS	25.00	1.00	25.00	0.30	
FUEL & OIL	DOLS	3.55	1.00	3.55	0.04	
REPAIR & MAINTENANCE	DOLS	2.80	1.00	2.80	0.03	
LABOR	DOLS	1.96	1.00	1.96	0.02	
INTEREST EXPENSE ²	DOLS	6.19	1.00	6.19	0.08	
Total Pre-Harvest Expenses				183.01	2.23	\$0
<i>HARVEST COSTS</i>						
FUEL	DOLS	4.58	1.00	4.58	0.06	
REPAIR & MAINTENANCE	DOLS	5.21	1.00	5.21	0.06	
LABOR	DOLS	1.45	1.00	1.45	0.02	
HAULING ¹	DOLS	16.40	1.00	16.40	0.20	
Total Harvest Costs				27.64	0.34	
Total Operating Costs				210.65	2.57	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>						
MACHINERY OWNERSHIP COSTS	DOLS	32.12	1.00	32.12	0.39	
GENERAL FARM OVERHEAD	DOLS	10.00	1.00	10.00	0.12	
REAL ESTATE TAXES	DOLS	2.46	1.00	2.46	0.03	
Total Property & Ownership Costs				44.58	0.54	\$0
Total Direct Costs				255.23	3.11	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				48.17	0.59	\$0
<i>FACTOR PAYMENTS</i>						
Land @ 4% ³				40.00	0.49	
RETURN TO MANAGEMENT & RISK				8.17	0.10	\$0

1 Hauling Machinery & Labor Charges =\$0.20/Brushel

2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 7%

3 Includes allocation of fallow acres in the rotation

BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)

		ALTERNATIVE PRICES					
		\$/BU					
		-25%	-10%		+10%	+25%	
		\$	\$	\$3.70	\$	\$	\$
ALTERNATIVE YIELDS		2.78	3.33		4.07	4.63	
-25%	61.50	(\$84.57)	(\$50.44)	(\$27.68)	(\$4.93)	\$29.21	
-10%	73.80	(\$50.44)	(\$9.48)	\$17.83	\$45.14	\$86.10	
BUSHEL	82.00	(\$27.68)	\$17.83	\$48.17	\$78.51	\$124.02	
+10%	90.20	(\$4.92)	\$45.14	\$78.51	\$111.88	\$161.95	
+25%	102.50	\$29.21	\$86.10	\$124.02	\$161.95	\$218.83	