



**Southeast Colorado - Dryland Grain Sorghum (Milo)**

**2015**

**Estimated Production Costs & Returns**

<b>GROSS RECEIPTS FROM PRODUCTION</b>						
GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER BU	YOUR FARM
Grain Sorghum	bu	\$3.25	52.0	\$169	\$3.25	
<b>Total Receipts</b>				<b>\$169</b>		<b>\$0</b>

<b>DIRECT COSTS</b>						
	UNIT	COST PER		PER ACRE	PER BU	YOUR FARM
		UNIT	QUANTITY			
<b>OPERATING PREHARVEST</b>						
Tillage						
Sweep	acre	10.00	2	20.00	0.38	
Disk	acre	10.00	1	10.00	0.19	
Planting						
Seed	acre	7.50	1	7.50	0.14	
Custom Planting	acre	12.00	1	12.00	0.23	
Fertilizer						
Anhydrous	lbs	0.32	50	16.00	0.31	
Custom Application	acre	8.00	1	8.00	0.15	
10-34-0	gal	4.39	5	21.95	0.42	
Custom Application	acre	8.00	1	8.00	0.15	
Herbicide						
Chemical	acre	2.00	1	2.00	0.04	
Custom Application	dollars	6.00	1	6.00	0.12	
Crop Insurance	dollars	6.00	1	6.00	0.12	
Fuel	dollars	0.00	1	0.00	0.00	
Repairs & Maintenance	dollars	0.00	1	0.00	0.00	
Interest (6 months @ 6.0%)	dollars	2.23	1	2.23	0.04	
<b>Total Pre-Harvest Expenses</b>				<b>\$119.68</b>	<b>\$2.30</b>	<b>\$0.00</b>
<b>HARVEST COSTS</b>						
Combine	acre	22.00	1	22.00	0.42	
Hauling	bu	0.22	52	11.44	0.22	
<b>Total Harvest Costs</b>				<b>\$33.44</b>	<b>\$0.64</b>	<b>\$0.00</b>
<b>Total Operating Costs</b>				<b>\$153.12</b>	<b>\$2.94</b>	<b>\$0.00</b>
<b>PROPERTY &amp; OWNERSHIP COSTS</b>						
General Farm Overhead	dollars	15.00	1	15.00	0.29	
Real Estate Taxes	dollars	6.00	1	6.00	0.12	
<b>Total Property &amp; Ownership Costs</b>				<b>\$21.00</b>	<b>\$0.40</b>	<b>\$0.00</b>
<b>TOTAL DIRECT COSTS</b>				<b>\$174.12</b>	<b>\$3.35</b>	<b>\$0.00</b>
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>(\$5.12)</b>	<b>(\$0.10)</b>	<b>\$0.00</b>
<b>FACTOR PAYMENTS</b>						
Land (\$600 @ 4%)				24.00	0.46	
<b>RETURN TO MANAGEMENT &amp; RISK</b>				<b>(\$29.12)</b>	<b>(\$0.56)</b>	<b>\$0.00</b>

<b>BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)</b>						
		ALTERNATIVE PRICES (\$/bu)				
		-25%	-10%	10%	25%	
ALTERNATIVE YIELDS		\$2.44	\$2.93	\$3.25	\$3.58	\$4.06
-25%	39.00	(\$79.05)	(\$60.04)	(\$47.37)	(\$34.69)	(\$15.68)
-10%	46.80	(\$60.04)	(\$37.23)	(\$22.02)	(\$6.81)	\$16.01
BU PER ACRE	52.00	(\$47.37)	(\$22.02)	(\$5.12)	\$11.78	\$37.13
	57.20	(\$34.69)	(\$6.81)	\$11.78	\$30.37	\$58.26
	65.00	(\$15.68)	\$16.01	\$37.13	\$58.26	\$89.95