



**Southeast - Corn (Furrow Irrigation)**

**2015**

**Estimated Production Costs & Returns**

<b>GROSS RECEIPTS FROM PRODUCTION</b>						
GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER BU	YOUR FARM
Corn	bu	\$3.70	160	\$592	\$3.70	_____
<b>Total Receipts</b>				<b>\$592</b>		<b>\$0</b>

**DIRECT COSTS**

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER BU	YOUR FARM
<b>OPERATING PREHARVEST</b>						
Tillage						
Disk	acre	10.00	2	20.00	0.13	_____
Plow	acre	22.00	1	22.00	0.14	_____
Disk	acre	10.00	2	20.00	0.13	_____
Level	acre	15.00	1	15.00	0.09	_____
Furrow	acre	15.00	1	15.00	0.09	_____
Seed (certified)	dollars	120.00	1	120.00	0.75	_____
Custom Planting	acre	12.00	1	12.00	0.08	_____
Fertilizer						
N + P	dollars	100.00	1	100.00	0.63	_____
Custom Application	acre	10.00	1	10.00	0.06	_____
Herbicide	dollars	12.00	1	12.00	0.08	_____
Custom Application	dollars	10.00	1	10.00	0.06	_____
Insecticide & Fungicide	dollars	0.00	1	0.00	0.00	_____
Custom Application	dollars	0.00	1	0.00	0.00	_____
Irrigation						
Water Assessment (surface)	dollars	7.52	1	7.52	0.05	_____
Labor	dollars	30.00	1	30.00	0.19	_____
Crop Insurance	dollars	35.00	1	35.00	0.22	_____
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	12.26	1	12.26	0.08	_____
<b>Total Pre-Harvest Expenses</b>				<b>\$440.77</b>	<b>\$2.75</b>	<b>\$0.00</b>
<b>HARVEST COSTS</b>						
Custom Harvest	bu	0.25	160	40.00	0.25	_____
Hauling	bu	0.24	160	38.40	0.24	_____
<b>Total Harvest Costs</b>				<b>\$78.40</b>	<b>\$0.49</b>	<b>\$0.00</b>
<b>Total Operating Costs</b>				<b>\$519.17</b>	<b>\$3.24</b>	<b>\$0.00</b>
<b>PROPERTY &amp; OWNERSHIP COSTS</b>						
General Farm Overhead	dollars	65.00	1	65.00	0.41	_____
Depreciation	dollars	10.00	1	10.00	0.06	_____
Real Estate Taxes	dollars	23.00	1	23.00	0.14	_____
<b>Total Property &amp; Ownership Costs</b>				<b>\$98.00</b>	<b>\$0.61</b>	<b>\$0.00</b>
<b>TOTAL DIRECT COSTS</b>				<b>\$617.17</b>	<b>\$3.86</b>	<b>\$0.00</b>
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>(\$25.17)</b>	<b>(\$0.16)</b>	<b>\$0.00</b>
<b>FACTOR PAYMENTS</b>						
Land (\$5,000 @ 4%)				200.00	1.25	_____
<b>RETURN TO MANAGEMENT &amp; RISK</b>				<b>(\$225.17)</b>	<b>(\$1.41)</b>	<b>\$0.00</b>

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

		ALTERNATIVE PRICES (\$/bushel)				
		-25%	-10%	3.70	10%	25%
ALTERNATIVE YIELDS		\$2.78	\$3.33	\$3.70	\$4.07	\$4.63
-25%	120.00	(\$284.17)	(\$217.57)	(\$173.17)	(\$128.77)	(\$62.17)
-10%	144.00	(\$217.57)	(\$137.65)	(\$84.37)	(\$31.09)	\$48.83
BUSHEL PER ACRE	160.00	(\$173.17)	(\$84.37)	(\$25.17)	\$34.03	\$122.83
	176.00	(\$128.77)	(\$31.09)	\$34.03	\$99.15	\$196.83
	200.00	(\$62.17)	\$48.83	\$122.83	\$196.83	\$307.83