

## SOYBEANS- FULL SEASON , CONVENTIONAL TILLAGE

ESTIMATED COSTS AND RETURNS PER ACRE, 2008  
35 BUSHEL ACTUAL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
SOYBEANS	BU.	35.00	\$8.50	\$297.50	_____
TOTAL RECEIPTS:				<b>\$297.50</b>	_____
<b>2. VARIABLE COSTS</b>					
SEED (CERTIFIED)	BU.	0.67	\$35.00	\$23.45	_____
FERTILIZER					
PHOSPHATE	LBS	40.00	\$0.50	\$20.00	_____
POTASH	LBS	50.00	\$0.23	\$11.50	_____
LIME (PRORATED)	TON	0.33	\$42.50	\$14.03	_____
HERBICIDES	ACRE	1.00	\$15.05	\$15.05	_____
INSECTICIDES	ACRE	1.00	\$2.08	\$2.08	_____
SURFACTANT	ACRE	1.00	\$2.84	\$2.84	_____
AERIAL APPLICATION	APPL	1.00	\$3.50	\$3.50	_____
HAULING	BU.	35.00	\$0.15	\$5.25	_____
TRACTOR/MACHINERY	ACRE	1.00	\$31.99	\$31.99	_____
LABOR	HRS	0.92	\$9.02	\$8.30	_____
INTEREST ON OP. CAP.	DOL.	\$60.47	9.25%	\$5.59	_____
TOTAL VARIABLE COSTS:				<b>\$143.58</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$153.92</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$43.67	\$43.67	_____
TOTAL FIXED COSTS:				<b>\$43.67</b>	_____
<b>5. TOTAL COSTS:</b>				<b>\$187.25</b>	_____
<b>6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:</b>				<b>\$110.25</b>	_____

<u>BREAK-EVEN YIELD</u>			<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	17	BU.	VARIABLE COSTS	\$4.10
TOTAL COSTS	22	BU.	TOTAL COSTS	\$5.35

\* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

SOYBEANS - FULL SEASON, CONVENTIONAL TILLAGE						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 35 BUSHEL SOYBEANS						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	HEAVY DISK 16'	1.00	0.13	0.12	\$4.07	\$3.88
4	DISK HARROW (20')	1.00	0.10	0.09	\$2.43	\$3.10
5	PLANTER 8R30	1.00	0.10	0.09	\$3.60	\$4.86
6	HIBOY (60 FT BOOM)	1.00	0.04	0.04	\$1.61	\$1.58
6&7	CULTIVATOR 8R30	2.00	0.22	0.20	\$6.96	\$6.60
10	COMBINE W/ HEADER	1.00	0.33	0.30	\$13.32	\$23.65
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.92	0.84	\$31.99	\$43.67
UNALLOCATED LABOR(HRS./AC.)						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/lbs)				
LBS.	\$7.23	\$8.08	\$8.50	\$9.35	\$9.78
32	\$88.23	\$115.43	\$128.87	\$156.07	\$169.83
33	\$95.31	\$123.36	\$137.22	\$165.27	\$179.46
35	\$109.47	\$139.22	\$153.92	\$183.67	\$198.72
37	\$123.63	\$155.08	\$170.62	\$202.07	\$217.98
39	\$137.79	\$170.94	\$187.32	\$220.47	\$237.24

CHEMICAL USE ASSUMPTIONS FOR 35 BUSHEL SOYBEANS					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
trifluralin (Treflan)	PT	1.50	\$3.54	\$5.30	APR
chlorimuron (Classic)	OZ	0.75	\$13.00	\$9.75	JUN
INSECTICIDES:					
esfenvalerate (Asana)	OZ	2.80	\$0.74	\$2.08	AUG
OTHER					
surfactant	ACRE	1.00	\$2.84	\$2.84	JUN
TOTAL:				\$19.97	

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