



## SOYBEANS-WHEAT Double Crop Conventional Tillage 2009

ESTIMATED COSTS AND RETURNS PER ACRE, 2009  
55 BUSHEL WHEAT YIELD AND 30 BUSHEL SOYBEANS YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
SOYBEANS	BU.	30.00	\$9.50	\$285.00	_____
WHEAT	BU.	55.00	\$6.00	\$330.00	_____
TOTAL RECEIPTS:				<b>\$615.00</b>	_____
<b>2. VARIABLE COSTS</b>					
SEED (WHEAT)	BU.	2.00	\$15.00	\$30.00	_____
SEED (SOYBEANS)	BU.	1.00	\$42.50	\$42.50	_____
FERTILIZER					
NITROGEN	LBS	90.00	\$0.74	\$66.60	_____
PHOSPHATE	LBS	70.00	\$1.24	\$86.80	_____
POTASH	LBS	100.00	\$0.23	\$23.00	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$30.02	\$30.02	_____
INSECTICIDES	ACRE	1.00	\$11.91	\$11.91	_____
FUNGICIDES	ACRE	1.00	\$6.72	\$6.72	_____
SURFACTANT	ACRE	1.00	\$2.24	\$2.24	_____
HAULING	BU.	95.00	\$0.15	\$14.25	_____
TRACTOR/MACHINERY	ACRE	1.00	\$70.27	\$70.27	_____
LABOR	HRS	1.80	\$8.85	\$15.93	_____
INTEREST ON OP. CAP.	DOL.	\$192.13	9.25%	\$17.77	_____
TOTAL VARIABLE COSTS:				<b>\$432.20</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$182.80</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$85.11	\$85.11	_____
TOTAL FIXED COSTS:				<b>\$85.11</b>	_____
<b>5. TOTAL COSTS:</b>				<b>\$517.31</b>	_____
<b>6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:</b>				<b>\$97.69</b>	_____

<u>BREAK-EVEN YIELD</u>	<u>BREAK-EVEN PRICE</u>

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

SOYBEANS - FOLLOWING WHEAT, CONVENTIONAL TILLAGE						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR DOUBLE-CROP SOYBEANS/WHEAT						
MONTH	OPERATION	TIMES	LABOR	MACHINE	VARIABLE	FIXED
		OVER	HOURS	HOURS	COSTS	COSTS
11	BROADCAST DEEP TILLAGE	1.00	0.26	0.24	\$10.74	\$8.30
11&6	HEAVY DISK 16'	2.00	0.26	0.24	\$8.88	\$7.76
11	GRAIN DRILL NO-TILL 16'	1.00	0.12	0.11	\$4.39	\$3.97
6	PLANTER 8R30	1.00	0.10	0.09	\$3.88	\$4.86
6&7	CULTIVATOR 8R30	2.00	0.22	0.20	\$7.58	\$6.60
1,2,8	HIBOY (60 FT BOOM)	4.00	0.18	0.16	\$6.68	\$6.32
11&6	COMBINE W/ HEADER	2.00	0.66	0.60	\$28.12	\$47.30
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.80	1.64	\$70.27	\$85.11
UNALLOCATED LABOR(HRS./AC.)						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES							
YIELD	PRICE (\$/BU)						
	SOYBEANS	WHEAT	\$8.55	\$9.03	\$9.50	\$9.98	\$10.45
			\$5.40	\$5.70	\$6.00	\$6.30	\$6.60
24	44	\$10.60	\$35.32	\$59.80	\$84.52	\$109.00	
27	50	\$68.65	\$96.61	\$124.30	\$152.26	\$179.95	
30	55	\$121.30	\$152.20	\$182.80	\$213.70	\$244.30	
33	61	\$179.35	\$213.49	\$247.30	\$281.44	\$315.25	
36	66	\$232.00	\$269.08	\$305.80	\$342.88	\$379.60	

CHEMICAL USE ASSUMPTIONS FOR DOUBLE-CROP SOYBEANS/WHEAT						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES:						
pendimethalin+imazaquin (Squadron)	PT	3.00	\$4.42	\$13.26	JUN	
chlorimuron (Classic)	OZ	0.75	\$14.45	\$10.84	JUL	
thifensulfuron+tribenuron-methyl (Harmony)	OZ	0.50	\$11.83	\$5.92	JAN	
INSECTICIDES:						
tralomethrin (Scout)	OZ	2.80	\$1.33	\$3.73	AUG	
lamda-cyhalothrin (Karate Z)	OZ	2.50	\$3.27	\$8.18	APR	
FUNGICIDES:						
propiconazole (Tilt)	OZ	4.00	\$1.68	\$6.72	APR	
OTHER:						
surfactant	PT	1.00	\$2.24	\$2.24	JUL	
TOTAL:				\$50.89		

Prepared by: Gary Bullen, Jim Dunphy, Emily Weddington  
 North Carolina State University, Dept. Agricultural and Resource Economics