NATIONAL FFA AGRONOMY TEAM EVENT WORKSHEET

2013 KEY

STATE KEY ___________

NUMBER ____________________

		Income	Expense
Acreage	320		
Soil type(s) (just use unit symbols)			
Projected income from field			
Projected Yield (field or year)	14080		
Price quoted	12.78		
Straw sales (if applicable)	0		
Total projected income (field)		$179,942.40	
Field Preparation and Maintenance			
Rent (total for field)			16000
Tiliage chosen	no-till		
Tiliage cost (not cultivator)			0
Irrigation costs (field)			28288
Seed Variety selected	IN230LL		
# of bags of seed (field)	242		
Cost of seed per bag	$60.00		
Total seed cost (field)			$14,520.00
Planting cost (field)			$6,352.00

Note: pesticides are purchased by container. You may have some left over after application. Fertilizers are purchased by weight.

		Income	Expense
Nutrition			
Fertilizer choice #1	0-0-60		
Amount of fertilizer #1 per field (TONS)	13.33		8666.67
Fertilizer choice #2	11-52-0		
Amount of fertilizer #2 per field (TONS)	16.9		9815.39
Fertilizer choice #3	INOC		
Amount of fertilizer #3 per field (TONS)			1280
Fertilizer total cost (field)			$19,762.06
Application cost (field)			$1,584.00

Integrated Pest Management

Herbicide selection #1	RT3			Clethodim 2l
Herb. #1 rate (per acre)	22oz			6oz
Herb. #1 total cost (field)	$2,150.50	to whole container		$1,282.50
Herbicide selection #2	2,4D LV6			AMS
Herb. #2 rate (per acre)	2/3 pt			$486.00
Herb. #2 total cost (field)	$850.50	to whole container		
Herbicide selection #3	Liberty SL			NIS
Herb. #3 rate (per acre)	22oz			$744.80
Herb. #3 total cost (field)	$3,740.00	to whole container		
Manual weed control cost	0			
Cultivator cost	0			
Total weed management cost (field)			$9,254.30	
Insecticide selection #1	Baythroid XL			
Insecticide #1 rate	2.8oz			
Insecticide #1 cost	$1,374.10	to whole container		
Insecticide selection #2				
Insecticide #2 rate	0			
Insecticide #2 cost	0	to whole container		
Total insect management cost (field)			$1,374.10	
Fungicide selection				
Fungicide rate	0			
Total disease management cost (field)			0	
Total pest application cost			$10,560.00	

Harvest

Total Harvest Cost (field)			$11,840.00
Transportation Cost			$0.00
Loan interest rate	5%		
Interest cost on loan			$5,976.73
Total Income		$179,942.40	
Total Expenses			$125,511.19
FINAL PROFIT OR LOSS (A-B)	$54,431.21		
ECONOMIC BREAKEVEN - YIELD	30.7 bushels		
ECONOMIC BREAKEVEN - PRICE	$8.92		

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