

Soybean Budgets
for
2011 Planting

Table 15-A. Arkansas Soybean Enterprise Budget, RR, Furrow Irrigation

CROP VALUE	Grower %	Unit	Yield	Price/Unit	Revenue Your Farm
Crop Value	100%	Bu	60.00	11.45	687.00
OPERATING EXPENSES					
		Unit	Quantity	Price/Unit	Costs
Seed, Includes All Fees	100%	Acre	1	63.60	63.60
Nitrogen	100%	Lbs	0	0.52	0.00
Phosphate (P2O5)	100%	Lbs	40	0.61	24.40
Potash (K2O)	100%	Lbs	60	0.45	27.00
Sulfur	100%	Lbs	0	0.28	0.00
Boron	100%	Lbs	0.00	6.50	0.00
Other Nutrients, Including Poultry Litter	100%	Unit	0.00	0.00	0.00
Herbicide	100%	Acre	1	34.78	34.78
Insecticide	100%	Acre	1	4.66	4.66
Fungicide	100%	Acre	1	13.26	13.26
Other Chemical	100%	Acre	1	0.00	0.00
Other Chemical	100%	Acre	1	0.00	0.00
Custom Chemical & Fertilizer Applications					
Ground Application: Fertilizer & Chemical	100%	Appl	0	5.75	0.00
Air Application: Fertilizer & Chemical	100%	Appl	2	7.00	14.00
Air Application: Urea	100%	Lbs	0	0.070	0.00
Other Custom Hire, Air Seeding	100%	Appl	0	12.00	0.00
Machinery and Equipment					
Diesel Fuel & Lube, Pre Harvest	100%	Gallons	4.012	2.91	11.68
Repairs and Maintenance, Pre Harvest	100%	Acre	1.00	7.70	7.70
Diesel Fuel & Lube, Harvest	100%	Gallons	2.239	2.91	6.52
Repairs and Maintenance, Harvest	100%	Acre	1	5.29	5.29
Irrigation Energy Cost	100%	Ac-In	12	3.44	41.25
Irrigation System Repairs & Maintenance	100%	Ac-In	12	0.15	1.74
Supplies (ex. polypipe, levee gates, other)	100%	Acre	1	2.88	2.88
Survey Levees, Other Inputs	100%	Acre	1	0.00	0.00
Labor, Field Activities	100%	Hrs	0.615	10.22	6.29
Scouting/Consultant Fee	100%	Acre	1	0.00	0.00
Other Expenses	100%	Acre	1	0.00	0.00
Crop Insurance	100%	Acre	1	0.00	0.00
Interest, Annual Rate for 6 Months	100%	Rate %	5.50	0.03	7.29
Post-Harvest Expenses					
Drying	100%	Bu	60.00	0.00	0.00
Hauling	100%	Bu	60.00	0.22	13.20
Check Off, Boards	100%	Bu	60.00	0.03	1.80
Cash Rent		Acre	1.00	0.00	0.00
Total Operating Expenses					\$287.32
Returns to Operating Expenses					\$399.68
CAPITAL RECOVERY & UNALLOCATED COSTS					
Pre-Harvest and Harvest Machinery		Acre	1	33.43	33.43
Irrigation Equipment		Acre	1	16.01	16.01
Miscellaneous Overhead; See Note 1		Acre	1	8.36	8.36
Total Capital Recovery & Unallocated Costs					\$57.79
TOTAL SPECIFIED EXPENSES					\$345.11
NET RETURNS					\$341.89

Note 1: Estimated as 25% of pre-harvest and harvest machinery.

Table 15-B. Soybean Field Activities, Furrow Irrigation

Field Trip	Width	Activity	RR
Disk	32 ft.	Fall Tillage	
Hipper	12 Row	Fall Tillage	
Self-Propelled Sprayer	90 ft.	Herbicide (Burndown)	22 oz Glysophate Plus, 2 oz Valor
Hipper	12 Row	Tillage	
Fertilizer Spreader	60 ft.	Fertilizer	N,P,K (0-40-60)
Do All (Seedbed Finisher)	12 Row	Tillage	
Planter (Twin Row)	12 Row	Plant	
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glysophate Plus, 2 pt Prefix
Irrigation Sweep	12 Row	Tillage	
Irrigation Polypipe Spool		Total Season Activities	
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glysophate Plus, 6 oz Flexstar
Custom Aerial Application		Insecticide	Karate 1.8 oz
Custom Aerial Application		Fungicide	6 oz Quadris
Combine	305 hp	Harvest	
Head	30 ft Flex	Harvest	
Grain Wagon (700 bu)		Harvest	

Table 15-C. Soybean, Furrow Irrigation: Chemical Details

Herbicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Glysohate Plus	Burndown	oz	0.10	22.00	2.20	Self-Propelled Sprayer
Valor	Burndown	oz	4.40	2.00	8.80	Self-Propelled Sprayer
Glysohate Plus	Post Planting	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Prefix	Post Planting	oz	0.38	32.00	12.00	Self-Propelled Sprayer
Glysohate Plus	Late Season	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Flexstar	Late Season	oz	0.90	6.00	5.38	Self-Propelled Sprayer
Total					34.78	

Insecticide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Karate	Only One Application	oz	2.59	1.80	4.66	Custom Aerial Application
Total					4.66	

Fungicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Quadris	Only One Application	oz	2.21	6.00	13.26	Custom Aerial Application

Table 15-D. Soybean, Furrow Irrigation: Machinery Capital Recovery, Operating Costs, and Details

Implement	Costs per Acre-Trip, \$ per Acre					Details	
	Capital Recovery	Repairs	Fuel & Lube	Labor	Total	No. Field Trips	Feet, Width
Disk	3.08	0.78	1.75	0.59	6.19	1.00	32.0
Bedder, Hipper	2.65	0.57	1.91	0.64	5.77	2.00	38.0
Fertilizer, Broadcast Spreader	0.73	0.18	0.62	0.27	1.81	1.00	60.0
Do All, Seedbed Finisher	1.33	0.28	1.16	0.39	3.16	1.00	38.0
Planter Twin Row	5.16	3.38	1.76	0.66	10.96	1.00	38.0
Irrigation Sweep	1.27	0.20	1.01	0.34	2.82	1.00	38.0
Polypipe; Roll Out, Punch, Take Up	0.44	0.03	0.33	0.34	1.14	1.00	NA
Self-Propelled							
Self-Propelled Sprayer	1.18	0.57	0.41	0.15	2.31	3.00	90.0
Harvest							
Combine	8.43	3.03	3.75	0.99	16.20	1.00	NA
Soybean Head	1.06	1.42	NA	NA	2.48	1.00	30.0
Grain Cart	3.08	0.84	2.77	0.99	7.67	1.00	NA

Table 16-A. Arkansas Soybean Enterprise Budget, RR, Center Pivot Irrigation

CROP VALUE	Grower %	Unit	Yield	Price/Unit	Revenue Your Farm
Crop Value	100%	Bu	60.00	11.45	687.00
OPERATING EXPENSES					
		Unit	Quantity	Price/Unit	Costs
Seed, Includes All Fees	100%	Acre	1	63.60	63.60
Nitrogen	100%	Lbs	0	0.52	0.00
Phosphate (P2O5)	100%	Lbs	40	0.61	24.40
Potash (K2O)	100%	Lbs	60	0.45	27.00
Sulfur	100%	Lbs	0	0.28	0.00
Boron	100%	Lbs	0.00	6.50	0.00
Other Nutrients, Including Poultry Litter	100%	Unit	0.00	0.00	0.00
Herbicide	100%	Acre	1	34.78	34.78
Insecticide	100%	Acre	1	4.66	4.66
Fungicide	100%	Acre	1	13.26	13.26
Other Chemical	100%	Acre	1	0.00	0.00
Other Chemical	100%	Acre	1	0.00	0.00
Custom Chemical & Fertilizer Applications					
Ground Application: Fertilizer & Chemical	100%	Appl	0	5.75	0.00
Air Application: Fertilizer & Chemical	100%	Appl	2	7.00	14.00
Air Application: Urea	100%	Lbs	0	0.070	0.00
Other Custom Hire, Air Seeding	100%	Appl	0	12.00	0.00
Machinery and Equipment					
Diesel Fuel & Lube, Pre Harvest	100%	Gallons	3.550	2.91	10.33
Repairs and Maintenance, Pre Harvest	100%	Acre	1.00	7.47	7.47
Diesel Fuel & Lube, Harvest	100%	Gallons	2.239	2.91	6.52
Repairs and Maintenance, Harvest	100%	Acre	1	5.29	5.29
Irrigation Energy Cost	100%	Ac-In	12	5.22	62.65
Irrigation System Repairs & Maintenance	100%	Ac-In	12	1.31	15.69
Supplies (ex. polypipe, levee gates, other)	100%	Acre	1	0.00	0.00
Survey Levees, Other Inputs	100%	Acre	1	0.00	0.00
Labor, Field Activities	100%	Hrs	0.549	10.22	5.61
Scouting/Consultant Fee	100%	Acre	1	0.00	0.00
Other Expenses	100%	Acre	1	0.00	0.00
Crop Insurance	100%	Acre	1	0.00	0.00
Interest, Annual Rate for 6 Months	100%	Rate %	5.50	0.03	8.12
Post-Harvest Expenses					
Drying	100%	Bu	60.00	0.00	0.00
Hauling	100%	Bu	60.00	0.22	13.20
Check Off, Boards	100%	Bu	60.00	0.03	1.80
Cash Rent		Acre	1.00	0.00	0.00
Total Operating Expenses					\$318.37
Returns to Operating Expenses					\$368.63
CAPITAL RECOVERY & UNALLOCATED COSTS					
Pre-Harvest and Harvest Machinery		Acre	1	31.71	31.71
Irrigation Equipment		Acre	1	51.72	51.72
Miscellaneous Overhead; See Note 1		Acre	1	7.93	7.93
Total Capital Recovery & Unallocated Costs					\$91.36
TOTAL SPECIFIED EXPENSES					\$409.73
NET RETURNS					\$277.27

Note 1: Estimated as 25% of pre-harvest and harvest machinery.

Table 16-B. Soybean Field Activities, Center Pivot Irrigation

Field Trip	Width	Activity	RR
Disk	32 ft.	Fall Tillage	
Hipper	12 Row	Fall Tillage	
Self-Propelled Sprayer	90 ft.	Herbicide (Burndown)	22 oz Glyphosate Plus, 2 oz Valor
Hipper	12 Row	Tillage	
Fertilizer Spreader	60 ft.	Fertilizer	N,P,K (0-40-60)
Do All (Seedbed Finisher)	12 Row	Tillage	
Planter (Twin Row)	12 Row	Plant	
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glyphosate Plus, 2 pt Prefix
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glyphosate Plus, 6 oz Flexstar
Custom Aerial Application		Insecticide	Karate 1.8 oz
Custom Aerial Application		Fungicide	6 oz Quadris
Combine	305 hp	Harvest	
Head	30 ft Flex	Harvest	
Grain Wagon (700 bu)		Harvest	

Table 16-C. Soybean, Center Pivot Irrigation: Chemical Details

Herbicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Glysohate Plus	Burndown	oz	0.10	22.00	2.20	Self-Propelled Sprayer
Valor	Burndown	oz	4.40	2.00	8.80	Self-Propelled Sprayer
Glysohate Plus	Post Planting	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Prefix	Post Planting	oz	0.38	32.00	12.00	Self-Propelled Sprayer
Glysohate Plus	Late Season	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Flexstar	Late Season	oz	0.90	6.00	5.38	Self-Propelled Sprayer
Total					34.78	

Insecticide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Karate	Only One Application	oz	2.59	1.80	4.66	Custom Aerial Application
Total					4.66	

Fungicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Quadris	Only One Application	oz	2.21	6.00	13.26	Custom Aerial Application

Table 16-D. Soybean, Center Pivot Irrigation: Machinery Capital Recovery, Operating Costs, and Details

Implement	Costs per Acre-Trip, \$ per Acre					Details	
	Capital Recovery	Repairs	Fuel & Lube	Labor	Total	No. Field Trips	Feet, Width
Disk	3.08	0.78	1.75	0.59	6.19	1.00	32.0
Bedder, Hipper	2.65	0.57	1.91	0.64	5.77	2.00	38.0
Fertilizer, Broadcast Spreader	0.73	0.18	0.62	0.27	1.81	1.00	60.0
Do All, Seedbed Finisher	1.33	0.28	1.16	0.39	3.16	1.00	38.0
Planter Twin Row	5.16	3.38	1.76	0.66	10.96	1.00	38.0
Self-Propelled							
Self-Propelled Sprayer	1.18	0.57	0.41	0.15	2.31	3.00	90.0
Harvest							
Combine	8.43	3.03	3.75	0.99	16.20	1.00	NA
Soybean Head	1.06	1.42	NA	NA	2.48	1.00	30.0
Grain Cart	3.08	0.84	2.77	0.99	7.67	1.00	NA

Table 17-A. Arkansas Soybean Enterprise Budget, RR, No Irrigation

CROP VALUE	Grower %	Unit	Yield	Price/Unit	Revenue Your Farm
Crop Value	100%	Bu	30.00	11.45	343.50
OPERATING EXPENSES					
		Unit	Quantity	Price/Unit	Costs
Seed, Includes All Fees	100%	Acre	1	63.60	63.60
Nitrogen	100%	Lbs	0	0.52	0.00
Phosphate (P2O5)	100%	Lbs	40	0.61	24.40
Potash (K2O)	100%	Lbs	60	0.45	27.00
Sulfur	100%	Lbs	0	0.28	0.00
Boron	100%	Lbs	0.00	6.50	0.00
Other Nutrients, Including Poultry Litter	100%	Unit	0.00	0.00	0.00
Herbicide	100%	Acre	1	34.78	34.78
Insecticide	100%	Acre	1	4.66	4.66
Fungicide	100%	Acre	1	13.26	13.26
Other Chemical	100%	Acre	1	0.00	0.00
Other Chemical	100%	Acre	1	0.00	0.00
Custom Chemical & Fertilizer Applications					
Ground Application: Fertilizer & Chemical	100%	Appl	0	5.75	0.00
Air Application: Fertilizer & Chemical	100%	Appl	2	7.00	14.00
Air Application: Urea	100%	Lbs	0	0.070	0.00
Other Custom Hire, Air Seeding	100%	Appl	0	12.00	0.00
Machinery and Equipment					
Diesel Fuel & Lube, Pre Harvest	100%	Gallons	3.550	2.91	10.33
Repairs and Maintenance, Pre Harvest	100%	Acre	1.00	7.47	7.47
Diesel Fuel & Lube, Harvest	100%	Gallons	2.239	2.91	6.52
Repairs and Maintenance, Harvest	100%	Acre	1	5.29	5.29
Irrigation Energy Cost	100%	Ac-In	0	0.00	0.00
Irrigation System Repairs & Maintenance	100%	Ac-In	0	0.00	0.00
Supplies (ex. polypipe, levee gates, other)	100%	Acre	1	0.00	0.00
Survey Levees, Other Inputs	100%	Acre	1	0.00	0.00
Labor, Field Activities	100%	Hrs	0.549	10.22	5.61
Scouting/Consultant Fee	100%	Acre	1	0.00	0.00
Other Expenses	100%	Acre	1	0.00	0.00
Crop Insurance	100%	Acre	1	0.00	0.00
Interest, Annual Rate for 6 Months	100%	Rate %	5.50	0.03	5.97
Post-Harvest Expenses					
Drying	100%	Bu	30.00	0.00	0.00
Hauling	100%	Bu	30.00	0.22	6.60
Check Off, Boards	100%	Bu	30.00	0.03	0.90
Cash Rent		Acre	1.00	0.00	0.00
Total Operating Expenses					\$230.38
Returns to Operating Expenses					\$113.12
CAPITAL RECOVERY & UNALLOCATED COSTS					
Pre-Harvest and Harvest Machinery		Acre	1	31.71	31.71
Irrigation Equipment		Acre	1	0.00	0.00
Miscellaneous Overhead; See Note 1		Acre	1	7.93	7.93
Total Capital Recovery & Unallocated Costs					\$39.64
TOTAL SPECIFIED EXPENSES					\$270.02
NET RETURNS					\$73.48

Note 1: Estimated as 25% of pre-harvest and harvest machinery.

Table 17-B. Soybean Field Activities, No Irrigation

Field Trip	Width	Activity	RR
Disk	32 ft.	Fall Tillage	
Hipper	12 Row	Fall Tillage	
Self-Propelled Sprayer	90 ft.	Herbicide (Burndown)	22 oz Glyphosate Plus, 2 oz Valor
Hipper	12 Row	Tillage	
Fertilizer Spreader	60 ft.	Fertilizer	N,P,K (0-40-60)
Do All (Seedbed Finisher)	12 Row	Tillage	
Planter (Twin Row)	12 Row	Plant	
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glyphosate Plus, 2 pt Prefix
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glyphosate Plus, 6 oz Flexstar
Custom Aerial Application		Insecticide	Karate 1.8 oz
Custom Aerial Application		Fungicide	6 oz Quadris
Combine	305 hp	Harvest	
Head	30 ft Flex	Harvest	
Grain Wagon (700 bu)		Harvest	

Table 17-C. Soybean, No Irrigation: Chemical Details

Herbicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Glysohate Plus	Burndown	oz	0.10	22.00	2.20	Self-Propelled Sprayer
Valor	Burndown	oz	4.40	2.00	8.80	Self-Propelled Sprayer
Glysohate Plus	Post Planting	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Prefix	Post Planting	oz	0.38	32.00	12.00	Self-Propelled Sprayer
Glysohate Plus	Late Season	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Flexstar	Late Season	oz	0.90	6.00	5.38	Self-Propelled Sprayer
Total					34.78	

Insecticide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Karate	Only One Application	oz	2.59	1.80	4.66	Custom Aerial Application
Total					4.66	

Fungicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Quadris	Only One Application	oz	2.21	6.00	13.26	Custom Aerial Application

Table 17-D. Soybean, No Irrigation: Machinery Capital Recovery, Operating Costs, and Details

Implement	Costs per Acre-Trip, \$ per Acre					Details	
	Capital Recovery	Repairs	Fuel & Lube	Labor	Total	No. Field Trips	Feet, Width
Disk	3.08	0.78	1.75	0.59	6.19	1.00	32.0
Bedder, Hipper	2.65	0.57	1.91	0.64	5.77	2.00	38.0
Fertilizer, Broadcast Spreader	0.73	0.18	0.62	0.27	1.81	1.00	60.0
Do All, Seedbed Finisher	1.33	0.28	1.16	0.39	3.16	1.00	38.0
Planter Twin Row	5.16	3.38	1.76	0.66	10.96	1.00	38.0
Self-Propelled							
Self-Propelled Sprayer	1.18	0.57	0.41	0.15	2.31	3.00	90.0
Harvest							
Combine	8.43	3.03	3.75	0.99	16.20	1.00	NA
Soybean Head	1.06	1.42	NA	NA	2.48	1.00	30.0
Grain Cart	3.08	0.84	2.77	0.99	7.67	1.00	NA

Table 18-A. Arkansas Soybean Enterprise Budget, RR, Flood Irrigation

CROP VALUE	Grower %	Unit	Yield	Price/Unit	Revenue Your Farm
Crop Value	100%	Bu	60.00	11.45	687.00
OPERATING EXPENSES					
		Unit	Quantity	Price/Unit	Costs
Seed, Includes All Fees	100%	Acre	1	63.60	63.60
Nitrogen	100%	Lbs	0	0.52	0.00
Phosphate (P2O5)	100%	Lbs	40	0.61	24.40
Potash (K2O)	100%	Lbs	60	0.45	27.00
Sulfur	100%	Lbs	0	0.28	0.00
Boron	100%	Lbs	0.00	6.50	0.00
Other Nutrients, Including Poultry Litter	100%	Unit	0.00	0.00	0.00
Herbicide	100%	Acre	1	34.78	34.78
Insecticide	100%	Acre	1	4.66	4.66
Fungicide	100%	Acre	1	13.26	13.26
Other Chemical	100%	Acre	1	0.00	0.00
Other Chemical	100%	Acre	1	0.00	0.00
Custom Chemical & Fertilizer Applications					
Ground Application: Fertilizer & Chemical	100%	Appl	0	5.75	0.00
Air Application: Fertilizer & Chemical	100%	Appl	2	7.00	14.00
Air Application: Urea	100%	Lbs	0	0.070	0.00
Other Custom Hire, Air Seeding	100%	Appl	0	12.00	0.00
Machinery and Equipment					
Diesel Fuel & Lube, Pre Harvest	100%	Gallons	3.895	2.91	11.33
Repairs and Maintenance, Pre Harvest	100%	Acre	1.00	5.80	5.80
Diesel Fuel & Lube, Harvest	100%	Gallons	2.239	2.91	6.52
Repairs and Maintenance, Harvest	100%	Acre	1	5.29	5.29
Irrigation Energy Cost	100%	Ac-In	12	3.44	41.25
Irrigation System Repairs & Maintenance	100%	Ac-In	12	0.15	1.74
Supplies (ex. polypipe, levee gates, other)	100%	Acre	1	0.37	0.37
Survey Levees, Other Inputs	100%	Acre	1	5.00	5.00
Labor, Field Activities	100%	Hrs	0.613	10.22	6.27
Scouting/Consultant Fee	100%	Acre	1	0.00	0.00
Other Expenses	100%	Acre	1	0.00	0.00
Crop Insurance	100%	Acre	1	0.00	0.00
Interest, Annual Rate for 6 Months	100%	Rate %	5.50	0.03	7.29
Post-Harvest Expenses					
Drying	100%	Bu	60.00	0.00	0.00
Hauling	100%	Bu	60.00	0.22	13.20
Check Off, Boards	100%	Bu	60.00	0.03	1.80
Cash Rent		Acre	1.00	0.00	0.00
Total Operating Expenses					\$287.56
Returns to Operating Expenses					\$399.44
CAPITAL RECOVERY & UNALLOCATED COSTS					
Pre-Harvest and Harvest Machinery		Acre	1	30.24	30.24
Irrigation Equipment		Acre	1	16.01	16.01
Miscellaneous Overhead; See Note 1		Acre	1	7.56	7.56
Total Capital Recovery & Unallocated Costs					\$53.81
TOTAL SPECIFIED EXPENSES					\$341.37
NET RETURNS					\$345.63

Note 1: Estimated as 25% of pre-harvest and harvest machinery.

Table 18-B. Soybean Field Activities, Flood Irrigation

Field Trip	Width	Activity	RR
Disk	32 ft.	Fall Tillage	
Field Cultivator	36 ft.	Fall Tillage	
Ditcher (Fall)		Fall Tillage	
Self-Propelled Sprayer	90 ft.	Herbicide (Burndown)	22 oz Glysophate Plus, 2 oz Valor
Field Cultivator	36 ft.	Tillage	
Land Plane	17 ft.	Tillage	N,P,K (0-40-60)
Fertilizer Spreader	60 ft.	Fertilizer	
Grain Drill	30 ft.	Plant	
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glysophate Plus, 2 pt Prefix
Make Levees		One Round-Trip	
Remove Levees			
Self-Propelled Sprayer	90 ft.	Herbicide	2 pt Glysophate Plus, 6 oz Flexstar
Make Levees		One Round-Trip	
Custom Aerial Application		Insecticide	Karate 1.8 oz
Custom Aerial Application		Fungicide	6 oz Quadris
Remove Levees			
Combine	305 hp	Harvest	
Head	30 ft Flex	Harvest	
Grain Wagon (700 bu)		Harvest	

Table 18-C. Soybean, Flood Irrigation: Chemical Details

Herbicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Glysohate Plus	Burndown	oz	0.10	22.00	2.20	Self-Propelled Sprayer
Valor	Burndown	oz	4.40	2.00	8.80	Self-Propelled Sprayer
Glysohate Plus	Post Planting	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Prefix	Post Planting	oz	0.38	32.00	12.00	Self-Propelled Sprayer
Glysohate Plus	Late Season	oz	0.10	32.00	3.20	Self-Propelled Sprayer
Flexstar	Late Season	oz	0.90	6.00	5.38	Self-Propelled Sprayer
Total					34.78	

Insecticide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Karate	Only One Application	oz	2.59	1.80	4.66	Custom Aerial Application
Total					4.66	

Fungicide Detail						
Name, Brand	Schedule, Description	Unit	Price	Quantity/Ac	Costs	Application Method
Quadris	Only One Application	oz	2.21	6.00	13.26	Custom Aerial Application

Table 18-D. Soybean, Flood Irrigation: Machinery Capital Recovery, Operating Costs, and Details

Implement	Costs per Acre-Trip, \$ per Acre					Details	
	Capital Recovery	Repairs	Fuel & Lube	Labor	Total	No. Field Trips	Feet, Width
Disk	3.08	0.78	1.75	0.59	6.19	1.00	32.0
Ditcher	0.28	0.03	0.25	0.08	0.63	1.00	NA
Field Cultivator	1.82	0.51	1.22	0.41	3.96	2.00	36.0
Land Plane	2.10	0.27	2.13	0.71	5.22	1.00	17.0
Fertilizer, Broadcast Spreader	0.73	0.18	0.62	0.27	1.81	1.00	60.0
Planter Grain Drill	3.65	1.74	2.26	0.81	8.46	1.00	30.0
Levee Pull	0.09	0.01	0.08	0.03	0.21	2.00	NA
Install Gates & Remove	0.15	0.02	0.17	0.22	0.55	All	NA
Take Down Levees, Levee Pull	0.09	0.01	0.08	0.03	0.21	All	NA
Self-Propelled							
Self-Propelled Sprayer	1.18	0.57	0.41	0.15	2.31	3.00	90.0
Harvest							
Combine	8.43	3.03	3.75	0.99	16.20	1.00	NA
Soybean Head	1.06	1.42	NA	NA	2.48	1.00	30.0
Grain Cart	3.08	0.84	2.77	0.99	7.67	1.00	NA