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EC872 Crop Budgets: Nebraska - 2014

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EC872 (Revised January 2014)

Crop Budgets Nebraska – 2014

Developed and Edited by

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Note: These budget projections were created using assumptions thought to be valid for many Nebraska producers; however, each farming operation is unique. These budgets are being released in both PDF and Excel® worksheet formats. The worksheet format allows producers to modify them to match their specific situation. The danger of releasing a tool that can subsequently be modified is that there is no way to verify whether alterations were made or unrealistic data was entered. Users of this tool are responsible for independently verifying all results prior to relying on them. Original files for these budgets are available at http://extension.unl.edu/publications and on http://cropwatch.unl.edu/economics/budgets.

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2014 Crop Budgeting Procedures

This publication contains 66 crop production budgets for 13 crops, as well as tables of power, machinery, labor, and input costs used to develop these budgets. Each budget consists of five sections:

- Heading
- · List of representative field operations
- · List of materials and services used
- · Operations and interest tabulations
- Overhead costs including real estate taxes and opportunity charges

The budgets are presented in a worksheet format with a "Your Estimate" column for recording cost modifications.

Budget Divisions

The **heading** consists of the crop name, system description, and method of water application.

The **list of representative field operations** is organized in a table with columns for the operation name, quantity or number of times used with units, labor, fuel and lube, power source, and implement costs for both repairs and ownership. "Times" or "Quantity" is typically in acres with a decimal denoting where an operation is done on a fraction of acres or where it represents the probability of an operation being done. Those operations that are done multiple times, for example swathing several cuttings of hay, show the number of times. If a unit is other than "acres," it is specified in the "Unit" column. Other units used are bushels (bu), hundredweight (cwt), tons, and acre-inches (ai).

Labor costs for each operation were calculated from machinery accomplishment rates and adjusted for additional time required for getting machinery ready, adjusting machinery, and handling fertilizer and other supplies. The estimated costs for completing these operations are multiplied by the number in the "Times" or "Quantity" column, the product of which is multiplied by the hourly wage (\$20 per hour) and labor factor.

Fuel costs also use machinery accomplishment rates as well as estimated fuel consumption rates to determine fuel use. This is multiplied by a lube factor and the price of energy which is \$3.50 per gallon for diesel and \$0.10 per kwh for electricity. Repairs and depreciation costs were estimated using functions and factors from the *Agricultural Engineer's Yearbook* which is published by the American Society of Agricultural and Biological Engineers. It requires making assumptions about the size and age of the equipment. It was assumed that machinery chosen was fully utilized.

Data used to calculate power unit costs are in *Table 1* and machinery operation costs are in *Table 2*.

Irrigation costs were calculated using engineering performance standards and typical water application rates which will depend on the rainfall area. Power costs for irrigation refer to the pump and power unit; implement costs are for the delivery system (pipe or pivot). Depreciation and interest for the well are budgeted with land costs.

Materials and services are calculated by multiplying the application rate by the application price (Table 3) and then by the percent acres applied. A value less than 100% is used when a material or service is applied on only part of the acres or part of the time. For example, fields planted with Bt corn seed must have 20 percent of the acres planted to a refuge crop. There would be 20 percent in the column called "Percent Acres Applied" for the non-Bt seed and 80 percent for the Bt seed. Another example is when a practice is not always used. If an insecticide is used one year out of four, a "25 percent" would be entered in the column "Percent Acres Applied." The cost for each material/service is computed by multiplying the percentage of acres by the quantity per acre and then by the price per unit. Note: All prices for materials and services in the budgets were obtained in October 2012.

The value in the "Operation Index" column in the "Materials and Services" section indicates the corresponding operation in the "Field Operations" section. Data for calculating materials cost is in *Table 3*.

The **operations and interest** is the sum of totals of the first two sections with interest calculated on the cash costs. Cash costs in interest calculations include labor, fuel, and repairs from the list of field operations and all costs from the materials and services.

Overhead costs include accounting, liability insurance, vehicle cost, and office expense. Real estate values used are from the UNL publication *Nebraska Farm Real Estate Market Developments 2012-2013* published in June 2012. Taxes on real estate are not included in interest calculations because in Nebraska they are due at the end of the year in which they accrue and are not delinquent until May and September of the following year.

A cost per unit of production and cash cost per unit of production is calculated. The cost per unit of production is the sum of all costs divided by the projected yield. The cash cost per unit of production is the sum of labor, fuel, repairs, materials and services, and interest, divided by the projected yield.

It should be noted that many enterprise budgets are cost and *return* estimates. These budgets are cost estimates only so have no estimates as to profitability.

Table 1. Power Unit Cost Data Used for 2014 Budgets

Name	List Price	Age	Total Tach Hours	Est. Hours per Year
Large Tractor	\$200,000	5	1,500	300
Medium Tractor	150,000	10	2,500	200
Combine	300,000	5	1,500	300
Electric Pump	10,000	5	2,400	800
Diesel Pump for Pivot	15,000	10	2,400	800
Diesel Pump for Pipe	15,000	10	2,400	800
Windrower	90,000	10	2,500	120

Table 2. Machinery Cost Data Used for 2014 Budgets

Operation Name	Machine or Head List Price	Age	Annual Use	Units per Hour	Diesel Use per Hour
Aerial Spray	Custom	N/A	N/A	N/A	N/A
Apply Anhydrous (supplier owned)	N/A	N/A	N/A	40.0 acre	6.4 gal
Apply Anhydrous	25,000	5	500 acre	8.5 acre	6.4 gal
Cart	40,000	5	90,000 bushel	3,400 bushel	7.0 gal
Chisel	57,000	5	500 acre	11.1 acre	8.3 gal
Chop Silage	Custom	N/A	N/A	N/A	N/A
Chop Stalks	18,900	5	500 acre	12.3 acre	5.7 gal
Combine Dryland Corn	48,500	5	1,000 acre	7.0 acre	10.5 gal
Combine Dryland Soybeans	25,500	5	1,000 acre	6.5 acre	10.5 gal
Combine Dryland Sorghum	25,500	5	1,000 acre	6.5 acre	10.5 gal
Combine Irrigated Corn	48,500	5	1,000 acre	7.0 acre	10.5 gal
Combine Irrigated Dry Beans	25,500	5	300 acre	5.0 acre	10.5 gal
Combine Irrigated Soybeans	25,500	5	1,000 acre	6.0 acre	10.5 gal
Combine Irrigated Sorghum	25,500	5	1,000 acre	6.5 acre	10.5 gal
Combine Small Grain	25,500	5	1,000 acre	7.0 acre	10.5 gal
Combine Sunflowers	35,000	5	300 acre	7.0 acre	10.5 gal
Corrugate	30,200	5	300 acre	7.0 acre	4.4 gal
Disc	38,900	5	2,000 acre	10.9 acre	8.3 gal
Ditch Irrigation	N/A	5	1,000 acre-inch	1.8 acre-inch	N/A
Double Windrows	21,700	20	300 acre	20.0 acre	2.1 gal
Drill	48,600	10	1,000 acre	7.5 acre	5.0 gal
Drill w/Fertilizer	55,000	10	1,000 acre	7.0 acre	5.0 gal
Dry Grain	Custom	N/A	N/A	N/A	N/A
Fallow Master	32,600	5	2,000 acre	15.0 acre	8.6 gal
Field Cultivation	33,300	5	2,000 acre	15.0 acre	8.2 gal
Grass Drill	73,000	20	300 acre	6.0 acre	4.3 gal
Harrow	38,500	5	1,000 acre	18.6 acre	2.0 gal
Hill/Ditch	10,816	5	1,000 acre	6.5 acre	5.3 gal
Hoe	22,000	5	3,000 acre	14.7 acre	3.7 gal

Table 2. Machinery Cost Data Used for 2014 Budgets (continued)

Operation Name	Machine or Head List Price	Age	Annual Use	Units per Hour	Diesel Use per Hour
Lg Rd Bale	21,400	5	1,250 ton	13.3 ton	2.9 gal
Lg Sq Bale	113,700	5	2,500 ton	16.1 ton	6.2 gal
Lift Beets	95,000	5	500 acre	5.1 acre	6.2 gal
Load Lg Sq	12,725	5	3,000 ton	18.0	4.0 gal
Move Lg Rd	12,725	5	1,250 ton	12.1 ton	4.0 gal
No-Till Drill	87,500	5	1,000 acre	10.0 acre	6.1 gal
Pickett Windrowers	32,000	5	500 acre	8.0 acre	6.1 gal
Pipe D125' Lift	21,400	10	2,600 acre-inch	2.3 acre-inch	3.0 gal
PivotD 125' Lift	65,000	10	2,600 acre-inch	1.8 acre-inch	3.3 gal
PivotD 125' Lift w/Fertigation	65,000	10	2,600 acre-inch	1.8 acre-inch	3.3 gal
PivotE 125' Lift	65,000	10	2,600 acre-inch	1.8 acre-inch	47.8 Kw
PivotE 125' Lift w/Fertigation	65,000	10	2,600 acre-inch	1.8 acre-inch	47.8 Kw
Plant	48,600	5	1,000 acre	6.8 acre	2.7 gal
Plant Narrow Row	48,600	5	1,000 acre	6.5 acre	2.6 gal
Plant No-Till	48,600	5	1,000 acre	6.8 acre	3.4 gal
Plow	14,800	5	1,000 acre	4.0 acre	5.5 gal
Ridge Cultivation	20,000	5	1,000 acre	11.0 acre	5.3 gal
Ridge Plant	48,600	5	1,000 acre	6.5 acre	3.4 gal
Ridge plant and band	48,600	5	1,000 acre	6.5 acre	3.4 gal
Rod Weeder	8,000	5	1,000 acre	13.2 acre	5.3 gal
Rod Weeder and Fertilizer	8,000	5	1,000 acre	13.2 acre	5.3 gal
Roll	1,500	5	300 acre	9.0 acre	5.5 gal
Roller Harrow	28,500	5	1,000 acre	8.0 acre	5.0 gal
Row Crop Cultivation	45,000	5	1,000 acre	11.0 acre	3.1 gal
Seeder/Packer	25,000	5	300 acre	4.9 acre	4.3 gal
Sm Sq Bale	23,400	5	1,250 ton	3.9 ton	1.9 gal
Spray	53,200	5	2,500 acre	30.0 acre	2.6 gal
Spray (on Disk)	40,900	5	2,000 acre	15.0 acre	5.5 gal
Spray (on Field Cultivator)	35,300	5	1,000 acre	15.0 acre	5.5 gal
Spray (Prior Year Stubble)	53,200	5	2,500 acre	30.0 acre	2.6 gal
Spray Fertilizer	27,400	5	1,000 acre	13.5 acre	1.7 gal
Spray Fertilizer and Herbicide	27,400	5	1,000 acre	13.5 acre	1.7 gal
Spread Manure	Custom	N/A	N/A	N/A	N/A
Spread Fertilizer	N/A	5	1,000 acre	12.7 acre	3.9 gal
Stack Sm Sq Bale	12,725	5	1,250 ton	5.0 ton	1.8 gal
Subsoil	11,200	5	500 acre	8.3 acre	8.3 gal
Swath/Condition Hay	N/A	5	500 acre	8.0 acre	5.0 gal
Till-Plant Beets	45,000	5	500 acre	6.0 acre	9.1 gal
Top Beets	38,000	5	500 acre	5.8 acre	3.9 gal
Truck	Custom	N/A	N/A	N/A	N/A
Turn Windrows	17,850	5	300 acre	11.4 acre	2.1 gal
Windrow Grain	N/A	5	500 acre	8.0 acre	3.3 gal

Table 3. Material Prices Used for 2014 Budgets

Item	Price per Unit	Item	Price per Un	
Additives		Basagran	120.00 gal	
21-0-0-24S	\$ 0.30 lb	Bicep II Magnum	53.00 gal	
Crop Oil Concentrate	9.60 gal	Buctril 2E	80.00 gal	
NIS 13.00 gal	2111 0	Dicamba	60.00 gal	
		Distinct	39.00 gal	
Custom Operation Rates		Expert	37.00 gal	
Aerial Spray	\$ 8.00 acre	Glyphosate w/Surfactant	13.50 gal	
Bale Lg Sq (1570 lb)	12.50 bale	Gramoxone SL 2.0	38.00 gal	
Chop, Haul, Pack	8.00 ton	Huskie	116.00 gal	
Dry, Four Points Removed	0.24 bushel	Landmaster BW	19.00 gal	
Haul and Apply Manure	6.00 ton	Laudis	730.00 gal	
Haul Beets	3.50 ton	Lumax EZ	75.00 gal	
Haul Grain (Dry Beans)	0.28 cwt	Outlook	140.00 gal	
Haul Grain (Millet)	0.24 cwt	Peak	16.00 ounce	
Haul Grain (Sunflower)	0.30 cwt	Prowl H,O	49.00 gal	
Haul Grain	0.12 bushel	Pursuit	460.00 gal	
Load Lg Sq Bales	3.35 ton	Raptor	580.00 gal	
Spray Spray	6.00 acre	Roundup WeatherMax	22.00 gal	
	0.00 acre	Rugged	43.00 gal	
Fertilizers		Select Max	122.00 gal	
10-34-0	\$ 2.55 gal	Spartan 4F	750.00 gal	
10-34-0-1Z	2.60 gal	Spirit Spirit	14.00 ounce	
11-52-0	0.30 lb	Status	3.60 ounce	
28-0-0	1.70 gal	Valor XLT		
32-0-0	0.55 lb N		79.00 lb 35.00 lb	
32-0-0 (Q)	2.44 gal	Velpar 75DF Vida		
46-0-0	0.52 lb N		3.75 ounce 5.86 ounce	
82-0-0	0.48 lb N	Sharpen	5.86 Ounce	
Uncomposted Manure	1.00 ton	Insecticides		
		Asana XL	\$ 110.00 gal	
Fungicides		Brigade 2EC	140.00 gal	
Copper	\$ 4.50 pint	Capture LFR	350.00 gal	
Headline	450.00 gal	Lorsban 15G	2.50 lb	
Headline AMP	300.00 gal	Lorsban 4E	55.00 gal	
Priaxor	600.00 gal	Mustang Max EC	250.00 gal	
Quadris	425.00 gal	Regent 4 SC	9.00 ounce	
Quilt Xcel	280.00 gal	Warrior II/Zeon	500.00 gal	
Stratego YLD	700.00 gal			
Tilt	150.00 gal	Other		
Pea Seed Innoculant	8.00 lb	Electricity Fixed	\$ 28.00 acre	
		Electricity Usage	0.10 kw	
Herbicides		Fence/Water Repairs	260.00 circle	
2,4-D Amine	\$ 16.50 gal	Irrigation District O&M Charge	30.00 acre	
2,4-D Ester 4#	22.50 gal	Move Cattle	12.00 hour	
AAtrex 4L	20.00 gal	Twine Lg Rd	0.75 bale	
Aim 2EC	240.00 quart	Twine Lg Sq	0.50 bale	
Ally Extra SorghumW/TOTSOL	9.00 ounce	Twine Sm Sq	0.07 bale	
Atrazine 90 DF	3.25 lb			
Authority First DF	90.00 lb	Rentals		
Balance Flexx	5.50 ounce	Grass Drill	\$ 10.00 acre	
		Seeder-Packer	12.00 acre	

Table 3. Material prices used for 2013 budgets (continued)

Item	Price per Unit	Item	Price per Unit
Scouting		Corn Bt, ECB, RW and RR2	240.00 bag
DryBeans	\$ 12.00 acre	Corn RR2	210.00 bag
Dryland Corn	10.00 acre	Corn SmartStax RIB Complete	275.00 bag
Dryland SoyBeans	10.00 acre	Edible Beans	92.00 cwt
Grain Sorghum	8.00 acre	Grass Seed	60.00 acre
Irrigated Corn	10.00 acre	Millet	0.60 lb
Irrigated Soybean	10.00 acre	Oats	9.00 bushel
Sugarbeets	16.00 acre	RR SoyBeans	43.00 bag
Wheat	8.00 acre	RR2 SoyBeans	46.00 bag
		Sorghum Safened/Insect	2.80 lb
Seed		Sorghum Sudan	1.10 lb
Alfalfa RR w/Inoculant	\$ 8.70 lb	Sugarbeets RR Poncho	180.00 acre
Alfalfa w/Inoculant	5.00 lb	Sunflower	1.05 lb
Corn	170.00 bag	Wheat (Certified and Treated)	0.37 lb
Corn Bt ECB	195.00 bag	Peas	20.00 bushel
Corn Bt ECB and RR	225.00 bag		
Corn Bt ECB and RW	210.00 bag		

Converting Energy Numbers in Budgets

If your energy source is different from that used in the 2014 crop budgets, use *Table 4*, developed by Extension Irrigation Engineer Derrel Martin, to convert from diesel to other energy sources.

For example, to convert diesel in gallons to kilowatthours of electricity, the multiplier is 14.12. If electricity is \$0.138 per kilowatt, the calculation would be $14.12 \times 0.138 = 1.95 . The 2014 crop budgets use \$3.50/gallon of diesel. If you use electricity, the cost would be about 50 percent of that cost. However, with electricity you must also include connect charges and in order to get the best rates, you'll need to sign up for load management.

Table 4. Conversion of Diesel to Electricity, Propane, Gasoline, and Natural Gas*.

Energy Source	Units	Multiplier
Electricity	Kilowatt-hours	14.12
Propane	Gallons	1.814
Gasoline	Gallons	1.443
Natural Gas	1000 Cubic Feet	0.2026

^{*(}Source: Estimating the Savings From Improving Pumping Plant Performance by UNL Irrigation Specialist Derrel Martin)

Diesel Fuel Conversion for Center Pivots

The 2014 crop production budgets with center pivot irrigation were developed with a pumping lift of 125 feet and 35 psi pressure to determine the amount of diesel fuel used per hour. *Table 5* was developed by Derrel Martin to determine the amount of diesel fuel for various pumping lifts and pressures to pump an acre-inch of water.

For example, the amount of diesel required to pump an acre-inch of water with 125 feet of lift at 35 psi is 1.88 gallons with a pump performance rating of 100 percent. If the producer has a lift of 300 feet and a pressure of 50 psi, the diesel fuel required at a performance rating of 100 percent is 3.79 gallons per acre-inch. If the rating on the producer's pump is 80 percent, the diesel fuel required will be 4.74 gallons per acre-inch of water.

With this information, the producer can calculate the additional cost since the diesel fuel required is now 4.74 gallons per acre-inch vs. 1.88 gallons per acre-inch. This is 2.86 gallons more per acre-inch. If a crop budget requires 9 inches, the additional diesel fuel would be 25.74 gallons of diesel at \$3.50/gallon (9 inches x 2.86 gallons). The producer's additional cost would be \$90.09/acre.

Table 5. Table for adjusting the amount of diesel fuel required for center pivots for lifts and pressures other than the 125 feet of lift and 35 psi used in the budgets. Gallons of diesel fuel required to pump an acre-inch of water at pump performance ratings of 100 percent*. (From *Estimating the Savings From Improving Pumping Plant Performance* by UNL Extension Irrigation Specialist Derrel Martin).

Lift				Pressure at	Pump, psi			
Feet	10	20	30	35	40	50	60	80
0	0.21	0.42	0.63	0.74	0.84	1.05	1.26	1.69
25	0.44	0.65	0.86	0.97	1.07	1.28	1.49	1.91
50	0.67	0.88	1.09	1.20	1.30	1.51	1.72	2.14
75	0.89	1.11	1.32	1.43	1.53	1.74	1.95	2.37
100	1.12	1.33	1.54	1.65	1.75	1.97	2.18	2.60
125	1.35	1.56	1.77	1.88	1.98	2.19	2.40	2.83
150	1.58	1.79	2.00	2.11	2.21	2.42	2.63	3.05
200	2.03	2.25	2.46	2.57	2.67	2.88	3.09	3.51
250	2.49	2.70	2.91	3.02	3.12	3.33	3.54	3.97
300	2.95	3.16	3.37	3.48	3.58	3.79	4.00	4.42
350	3.40	3.61	3.82	3.93	4.03	4.25	4.46	4.88
400	3.86	4.07	4.28	4.39	4.49	4.70	4.91	5.33
*Multiplier v	vhen pumping	g plant perfor	mance rating	is less than 10	0 percent.			
Rating %	100	90	80	70	60	50		
Multiplier	1.00	1.11	1.25	1.43	1.67	2.00		

2014 Budget 1. Alfalfa, Fall Establishment Dryland

				Fuel @	Rep	airs	Owne	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43	1	2.19	1	5.41	
2	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
3	Harrow	1	1.18	0.44	0.29	0.48	1.50	2.11	6.00	
4	Harrow	1	1.18	0.44	0.29	0.48	1.50	2.11	6.00	
5	Roll	1	2.22	2.44	0.61	0.02	3.09	0.27	8.65	
6	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28	
7	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
8	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
	Total for Field Operations		\$11.98	\$10.70	\$2.75	\$ 9.29	\$ 17.05	\$ 9.03	\$60.80	
					Percent	Appli	cation			
	Materials and Services			Operation Index	Acres Applied	Rate	Unit	Applied Price	Total	Your Estimate
	11-52-0	Fertilize	r	1	100%	100	pounds	0.30	30.00	Limite
	Alfalfa w/Inoculant	Seed		6	100%	12	pounds	5.00	60.00	
	Buctril 2E	Herbicio		7	100%	1	pint	10.00	10.00	
	Pursuit	Herbicio		7	100%	3	ounces	3.59	10.78	
	Lorsban 4E	Insectic		8	20%	1	pint	6.88	1.38	
	Total Materials and Service	es					*		\$112.16	
	Total Listed Costs for Field								\$172.96	
	Interest on Opera		4.04							
	Total Operating and Use-R		\$177.00							
	Overhead (accounting, liability insurance, vehicle cost, office expense)								20.00	
	*Real Estate Opportunity									
	*Real Estate Taxes									
	Total Cost per Acre Includ	ing Overl	nead						\$197.00	

^{*}No land charges are assessed to a crop being established in the fall as it is assumed land charges were assessed against another crop grown that year.

2014 Budget 2. Alfalfa, Roundup Ready® No-Till, Fall Establishment Dryland

				Fuel @	Rep	airs	Own	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spread	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Drill w/Fertilizer	1	3.43	2.88	0.78	8.25	3.97	2.17	21.48	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
	Total for Field Operations		\$5.04	\$3.65	\$1.18	\$9.90	\$6.02	\$5.03	\$30.82	
		Ι				. 1.				
				Operation	Percent Acres	Appli	cation	Applied		Your
	Materials and Services			Index	Applied Applied	Rate	Unit	Price	Total	Estimate
	Gramoxone SL 2.0	Herbicio	de	1	100%	2	pints	4.75	9.50	
	11-52-0	Fertilize	r	2	100%	100	pounds	0.30	30.00	
	Alfalfa RR w/Inoculant	Seed		7	100%	12	pounds	8.70	104.40	
	Roundup WeatherMax	Herbicio	de	7	100%	44	ounces	0.17	7.56	
	Lorsban 4E	Insecticide 8 20% 1 pint 6.88	6.88	1.38						
	Total Materials and Service	es							\$152.84	
	Total Listed Costs for Field	l Operatio	ons and M	aterials and	Services				\$183.66	
	Interest on Opera					% for 6 m	onths		4.75	
	Total Operating and Use-R								\$188.41	
	7		1							
	Overhead (accounting, liability insurance, vehicle cost, office expense)									
	*Real Estate Opportunity									
	*Real Estate Taxes									
	Total Cost per Acre Includ	ing Overl	nead						\$208.41	

^{*}No land charges are assessed to a crop being established in the fall as it is assumed land charges were assessed against another crop grown that year.

2014 Budget 3. Alfalfa Roundup Ready $\! ^{ \mathfrak{D} }_{ }$, Fall Establishment Dryland

				Fuel @	Rep	airs	Own	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
2	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
3	Harrow	1	1.18	0.44	0.29	0.48	1.50	2.11	6.00	
4	Harrow	1	1.18	0.44	0.29	0.48	1.50	2.11	6.00	
5	Roll	1	2.22	2.44	0.61	0.02	3.09	0.27	8.65	
6	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28	
7	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
8	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
	Total for Field Operations		\$11.98	\$10.70	\$2.75	\$9.29	\$17.05	\$9.03	\$60.80	
					-	A 1.	· ·			
				Operation	Percent Acres	Арри	cation	Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	100	pounds	0.30	30.00	
	Alfalfa RR w/Inoculant	Seed		6	100%	12	pounds	8.70	104.40	
	Roundup WeatherMax	Herbicio	de	7	100%	44	ounces	0.17	7.56	
	Lorsban 4E	Insectic	ide	9	20%	1	pint	6.88	1.38	
	Total Materials and Service	es							\$143.34	
	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$204.14	
	Interest on Opera					% for 6 m	onths		4.90	
	Total Operating and Use-R		\$209.04							
	Overhead (accounting, liability insurance, vehicle cost, office expense)									
	*Real Estate Opportunity				-					
	*Real Estate Taxes									
	Total Cost per Acre Includi	ng Overl	nead						\$229.04	

^{*}No land charges are assessed to a crop being established in the fall as it is assumed land charges were assessed against another crop grown that year.

2014 Budget 4. Alfalfa, Establish Spring Seed with Herbicides (2.8 ton Actual Yield) Dryland

		Times	Labor @	Fuel @ \$3.50	Rep	airs	Owne	ership		Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43	-	2.19	*	5.41	
2	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
4	Seeder/Packer	1	4.48	3.52	0.40	1.03	8.76	4.45	22.64	
5	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
6	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
7	Swath/Condition Hay	2	5.00	5.03	3.46		5.46		18.95	
8	Turn Windrows	0.5	0.88	0.37	0.24	0.09	1.22	1.28	4.08	
9	Sm Sq Bale	2.8 ton	14.29	5.48	3.90	10.84	19.87	2.62	57.00	
10	Stack Sm Sq	2.8 ton	11.20	3.96	3.06	1.94	15.58	1.23	36.97	
	Total for Field Operations		\$41.79	\$25.26	\$12.02	\$16.64	\$61.01	\$13.11	\$169.83	
					D (Appli	cation			
				Operation	Percent Acres	Арри	cation	Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	100	pounds	0.30	30.00	
	Seeder-Packer	Rental		4	100%	1	acre	12.00	12.00	
	Alfalfa w/Inoculant	Seed		4	100%	12	pounds	5.00	60.00	
	Lorsban 4E	Insectic	ide	5	20%	1	pint	6.88	1.38	
	Buctril 2E	Herbicio	de	6	100%	1	pint	10.00	10.00	
	Pursuit	Herbicio	de	6	100%	3	ounces	3.59	10.78	
	Twine Sm Sq	Other		9	100%	2.8	ton	2.26	6.32	
	Total Materials and Service	es							\$130.48	
	Total Listed Costs for Eight	Om oma 4		atamiala a J	Commin-				200.21	
	Total Listed Costs for Field					0/2 for 6 ==	onthe		300.31 6.22	
	Interest on Opera Total Operating and Use-R				ise @ 5.50	%0 10F 0 II	10111118		\$306.53	
	Total Operating and Ose-R	ciated O	wnersnip (Costs					\$300.33	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity	Dryland	(State)	\$3,010 per	acre @ 4.0	00%			120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1.0	00%			30.10	
	Total Cost per Acre Includi	ing Overl	nead						\$477.30	
	Cost per Ton								\$170.37	
	Cash Cost per Ton								\$ 93.75	

2014 Budget 5. Alfalfa, Roundup Ready®, Establish Spring Seed (2.8 ton Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
	F:-11 Onti	Times	Labor @	\$3.50	D	T6	D	76	T-4-1	Your
1	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43	1.10	2.19	1.06	5.41	
2	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
4	Seeder/Packer	1	4.48	3.52	0.40	1.03	8.76	4.45	22.64	
5	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
6	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
7	Swath/Condition Hay	2	5.00	5.03	3.46		5.46		18.95	
8	Turn Windrows	0.5	0.88	0.37	0.24	0.09	1.22	1.28	4.08	
9	Sm Sq Bale	2.8 ton	14.29	5.48	3.90	10.84	19.87	2.62	57.00	
10	Stack Sm Sq	2.8 ton	11.20	3.96	3.06	1.94	15.58	1.23	36.97	
	Total for Field Operations		\$41.79	\$25.26	\$12.02	\$16.64	\$61.01	\$13.11	\$169.83	
					D (Appli	cation			
				Operation	Percent Acres	Арри	Lation	Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	100	pounds	0.30	30.00	
	Seeder/Packer	Rental		4	100%	1	acre	12.00	12.00	
	Alfalfa RR w/Inoculant	Seed		4	100%	12	pounds	8.70	104.40	
	Lorsban 4E	Insectic	ide	5	20%	1	pint	6.88	1.38	
	Roundup WeatherMax	Herbicio	de	6	100%	44	ounces	0.17	7.56	
	Twine Sm Sq	Other		9	100%	2.8	ton	2.26	6.32	
	Total Materials and Service	es							\$161.66	
	Total Listed Costs for Field								\$331.49	
	Interest on Opera				ise @ 5.50	% for 6 m	nonths		7.08	
	Total Operating and Use-F	Related O	wnership (Costs					\$338.57	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	Real Estate Opportunity	Dryland	l (State0	\$3,010 per	acre @ 4.0	00%			120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1.0	00%			30.10	
	Total Cost per Acre Includi	ng Overh	ead						\$509.07	
	Cost per Ton								\$181.81	
	Cash Cost per Ton								\$105.20	

2014 Budget 6. Alfalfa, Establish Spring Seed with Herbicides (3.8 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 12 Acre-inches

		m:	1.1.0	Fuel @	Rep	airs	Own	ership		17
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43	imp.	2.19	11114.	5.41	Limite
2	Disc	1	2.02	3.06	0.13	1.10	3.94	1.06	11.36	
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
4	Seeder/Packer	1	4.48	3.52	0.13	1.03	8.76	4.45	22.64	
5	Spray	0.2	0.15	0.07	0.40	0.15	0.19	0.26	0.86	
6	Spray	1	0.13		0.04	0.13	0.19	1.30	4.24	
7	PivotD 125' Lift	12 ai	8.33	0.35 89.62	3.92	17.98		10.76	136.29	
						17.98	5.68	10.76		
8	Swatch/Condition Hay	2	5.00	5.03	3.46	0.00	5.46	1.20	18.95	
9	Turn Windrows	0.5	0.88	0.37	0.24	0.09	1.22	1.28	4.08	
10	0 - 1	3.8 ton	5.20	5.89	0.47	4.27	10.17	8.65	34.65	
11	8 1	3.8 ton	4.64	3.40	1.15	0.65	5.87	0.70	16.41	
12		0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
	Total for Field Operations	S	\$34.84	\$114.91	\$10.69	\$27.13	\$47.74	\$30.02	\$265.33	
		Ι			Donosout	Appli	cation			
				Operation	Percent Acres	Арри	cation	Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	100	pounds	0.30	30.00	
	Seeder/Packer	Rental		4	100%	1	acre	12.00	12.00	
	Alfalfa w/Inoculant	Seed		4	100%	12	pounds	5.00	60.00	
	Lorsban 4E	Insectic	ide	5	20%	1	pint	6.88	1.38	
	Buctril 2E	Herbici	de	6	100%	1	pint	10.00	10.00	
	Pursuite	Herbici	de	6	100%	3	ounces	3.59	10.78	
	Twine Lg Sq	Other		10	100%	3.8	tons	0.76	2.89	
	Lorsban 4E	Insectic	ide	12	100%	1	pint	6.88	6.88	
	Total Materials and Servi	ces							\$133.93	
	Total Listed Control on E' 1	10	: ama c 4 3	(atomic)	1 C aur-! -				¢200.26	
	Total Listed Costs for Fiel								\$399.26	
	Interest on Oper				nse @ 5.50	% for 6 r	nonths		8.84	
	Total Operating and Use-	Related C	wnership	Costs					\$408.10	
	Overhead (accounting, lia	bility insi	ırance, veh	icle cost, off	ice expens	se)			20.00	
	Real Estate Opportunity	Pivot (S		\$7,590 per					303.60	
	Real Estate Taxes	Ì		\$7,590 per					75.90	
	Total Cost per Acre Includ	ling Over	head	T T T T T					\$807.60	
	Cost per Ton								\$212.53	
	Cash Cost per Ton								\$106.91	
	Gusii Gost per 1011								Ψ100.71	

2014 Budget 7. Alfalfa, Roundup Ready®, Establish Spring Seed (4 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 12 Acre-inches

			. 1	Fuel @	Rep	airs	Own	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43	111171	2.19	imp.	5.41	Estimate
2	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
4	Seeder/Packer	1	4.48	3.52	0.40	1.03	8.76	4.45	22.64	
5	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
6	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
7	PivotD 125' Lift	12 ai	8.33	89.62	3.92	17.98	5.68	10.76	136.29	
8	Swath/Condition Hay	2	5.00	5.03	3.46		5.46		18.95	
9	Turn Windrows	0.5	0.88	0.37	0.24	0.09	1.22	1.28	4.08	
10	Lg Sq Bale	4.00 ton	5.48	6.20	0.49	4.50	10.70	9.11	36.48	
11	Load Lg Sq	4.00 ton	4.89	3.58	1.21	0.69	6.18	0.73	17.28	
12	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
	Total for Field Operations		\$35.37	\$115.40	\$10.77	\$27.40	\$48.58	\$30.51	\$268.03	
					Donosout	Appli	cation			
				Operation	Percent Acres	Арри	Lation	Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	100	pounds	0.30	30.00	
	Seeder-Packer	Rental		4	100%	1	acre	12.00	12.00	
	Alfalfa RR w/ Inoculant	Seed		4	100%	12	pounds	8.70	104.40	
	Lorsban 4E	Insectic	ide	5	20%	1	pint	6.88	1.38	
	Roundup WeatherMax	Herbicio	de	6	100%	44	ounces	0.17	7.56	
	Twine Lg Sq	Other		10	100%	4.00	tons	0.76	3.05	
	Lorsban 4E	Insectic	ide	12	100%	1	pint	6.88	6.88	
	Total Materials and Service	es							\$165.27	
	Total Listed Costs for Field	Operation	one and M	aterials and	Services				\$433.30	
	Interest on Opera					% for 6 m	onthe		9.74	
					e J.J0	/U 101 U II	10111113			
	Total Operating and Use-R	erated O	wnersnip (Costs					\$443.04	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per	acre @ 4.0	00%			303.60	
	Real Estate Taxes			\$7,590 per	acre @ 1.0	00%			75.90	
	Total Cost per Acre Includ	ing Overl	nead						\$842.54	
	Cost per Ton								\$210.64	
	Cash Cost per Ton								\$109.96	

2014 Budget 8. Alfalfa, Fall Seeded with Subsequent Year Production (2.5 ton Actual Yield) Gravity Irrigated, Canal, 18 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	Limite
2	Spread Fertilizer	1	1.57	1.22	0.18	1.10	2.19	1.00	5.41	
3	Roll	1	2.22	2.44	0.43	0.02	3.09	0.27	8.65	
4	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28	
5	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
6	Corrugate	1	3.13	2.52	0.78	0.13	3.96	5.51	16.81	
7	Swath/Condition Hay	2	5.00	5.03	3.46	0.91	5.46	3.31	18.95	
8	Turn Windrows	0.5	0.88	0.37	0.24	0.09	1.22	1.28	4.08	
9	Lg Rd Bale	2.5 ton	4.13	2.17	1.02	1.83	5.22	2.14	16.51	
0	Move Lg Rd	2.5 ton	4.13	3.32	1.02	1.03	5.74	1.10	15.83	
1	Ditch Irrigation	18 ai	16.67	3.32	1.13		3.74	1.10	16.67	
12	Spray	18 ai	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
LΖ	Total for Field Operations		\$43.97	\$23.23	\$8.80	\$11.16	\$35.65	\$14.84	\$137.65	
	Total for Field Operations		\$43.97	\$23.23	\$0.00	\$11.10	\$33.03	\$14.04	\$137.03	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	2	100%	100	pounds	0.30	30.00	
	Alfalfa w/Inoculant	Seed		4	100%	12	pounds	5.00	60.00	
	Oats	Seed		4	100%	0.5	bushel	9.00	4.50	
	Lorsban 4E	Insectic	ide	5	20%	1	pint	6.88	1.38	
	Twine Lg Rd	Other		9	100%	2.5	tons	0.99	2.47	
	Irrigation District O&M Charge	Other		11	100%	1	acre	30.00	30.00	
	Raptor	Herbicio	de	12	100%	5	ounces	4.53	22.66	
	Total Materials and Service	es							\$151.01	
	Total Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$288.66	
	Interest on Opera					% for 6 n	nonths		6.55	
	Total Operating and Use-I	Related O	wnership (Costs					\$295.21	
	8 ·····		r						4-771-5	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	Real Estate Opportunity	Gravity (Panhandle)	\$2,875 per	acre @ 4.0	00%			115.00	
	Real Estate Taxes			\$2,875 per	acre @ 1.0	00%			28.75	
	Total Cost per Acre Includ	ing Overl	nead						\$458.96	
	Cost per Ton								\$183.58	
	Cash Cost per Ton								\$109.39	

2014 Budget 9. Alfalfa, Large Round Bale (4.4 ton Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
2	Swath/Condition Hay	4	10.00	10.06	6.91		10.93		37.90	
3	Turn Windrows	1	1.75	0.74	0.48	0.17	2.44	2.57	8.15	
4	Double Windrows	3	3.30	1.27	0.82	0.48	4.17	3.57	13.61	
5	Lg Rd Bale	4.4 ton	7.27	3.82	1.80	3.22	9.19	3.77	29.07	
6	Move Lg Rd	4.4 ton	7.99	5.85	1.98		10.11	1.93	27.86	
7	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
	Total for Field Operations		\$32.06	\$23.05	\$12.47	\$4.06	\$39.26	\$12.17	\$123.07	
	_									
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	75	pounds	0.30	22.50	
	Twine Lg Rd	Other		4	100%	4.4	tons	0.99	4.35	
	Mustang Max EC	Insectic	ide	6	25%	3	ounces	1.95	1.46	
	Total Materials and Service	es							\$28.31	
	Total Listed Costs for Field								\$151.38	
	Interest on Opera				e @ 5.50%	for 6 m	onths		2.75	
	Total Operating and Use-R	elated O	wnership (Costs					\$154.13	
	Overhead (accounting, liab								20.00	
	Real Estate Opportunity	Dryland	(State)	\$3,010 per					120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1.0	00%			30.10	
	Total Cost per Acre Includi	ing Overl	nead						\$324.63	
	Cost per Ton								\$ 73.78	
	Cash Cost per Ton								\$ 30.18	

2014 Budget 10. Alfalfa, Large and Small Square Bales (6.7 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 16 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
		Times	Labor @	\$3.50					_	Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
2	Swath/Condition Hay	4	10.00	10.06	6.91		10.93		37.90	
3	Turn Windrows	1	1.75	0.74	0.48	0.17	2.44	2.57	8.15	
4	Double Windrows	4	4.40	1.70	1.09	0.64	5.56	4.76	18.15	
5	Lg Sq Bale	4.5 ton	6.11	6.92	0.55	5.02	11.95	10.17	40.72	
6	Load Lg Sq	Custom								
7	Sm Sq Bale	2.2 ton	11.39	4.37	3.11	8.65	15.85	2.09	45.46	
8	Stack Sm Sq	2.2 ton	8.93	3.16	2.44	1.54	12.43	0.98	29.48	
9	PivotE 125' Lift	16 ai	11.11	42.47	4.46	23.98	8.07	14.34	104.43	
10	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
11	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
	Total for Field Operations		\$55.62	\$ 70.82	\$19.57	\$40.38	\$ 69.88	\$35.57	\$291.84	
					l _	4 1:				
				0:	Percent	Appli	cation	A 1° 1		17
	Materials and Services			Operation Index	Acres Applied	Rate	Unit	Applied Price	Total	Your Estimate
	11-52-0	Fertilize	r	1	100%	75	pounds	0.30	22.50	Limine
	Twine Lg Sq	Other	1	5	67%	4.4667	tons	0.76	2.27	
	Load Lg Sq Bales	Custom		6	100%	4.4667	tons	3.35	14.96	
	Twine Sm Sq	Other		7	33%	2.2333		2.26	1.68	
	Electricity Fixed	Other		9	100%		tons		28.00	
		Herbicio	1.			1	acre	28.00		
	Pursuit			10	25%	4.5	ounces	3.59	4.04	
	Crop Oil Concentrate	Additive		10	25%	2	pints	1.20	0.60	
	Mustang Max EC	Insectic	ide	11	25%	3	ounces	1.95	1.46	
	Total Materials and Servic *Insecticides for 1st and 2nd brood Eu		orar (100% of r	ofuga) wastarn b	an cuturorm	and anidar m	itas raspastiv	N.	\$ 75.51	
	Thisecticides for 1st and 2nd brood Eu	ropean corn u	orer (10% of r	eruge), western be	ean cutworm,	and spider in	nes, respective	:iy.		
	Total Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$ 367.35	
	Interest on Opera	ating Cap	ital \$261.90	0 cash expen	se @ 5.50	% for 6 n	onths		7.20	
	Total Operating and Use-I	Related O	wnership (Costs					\$374.55	
	Overhead (accounting, liab	. '			1				20.00	
	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per					303.60	
	Real Estate Taxes			\$7,590 per	acre @ 1.0	00%			75.90	
	Total Cost per Acre Includ	ing Overl	nead						\$774.05	
	Cost per Ton								\$115.53	
	Cash Cost per Ton								\$ 51.49	

2014 Budget 11. Alfalfa, Roundup Ready®, Large and Small Square Bales (6.8 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 16 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
2	Swath/Condition Hay	4	10.00	10.06	6.91		10.93		37.90	
3	Turn Windrows	1	1.75	0.74	0.48	0.17	2.44	2.57	8.15	
4	Double Windrows	4	4.40	1.70	1.09	0.64	5.56	4.76	18.15	
5	Lg Sq Bale	4.5 ton	6.21	7.02	0.56	5.10	12.13	10.32	41.34	
6	Load Lg Sq	Custom								
7	Sm Sq Bale	2.3 ton	11.56	4.43	3.16	8.78	16.09	2.12	46.14	
8	Stack Sm Sq	2.3 ton	9.07	3.21	2.48	1.57	12.61	1.00	29.94	
9	PivotE 125' Lift	16 ai	11.11	42.47	4.46	23.98	8.07	14.34	104.43	
10	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
11	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
	Total for Field Operations		\$56.58	\$71.29	\$19.80	\$41.18	\$71.18	\$36.74	\$296.77	
		1								
					Percent	Appli	cation	. 1. 1		**
	M 1 10			Operation	Acres	D.	77 %	Applied	T . 1	Your
	Materials and Services	D (11)		Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	80	pounds	0.30	24.00	
	Twine Lg Sq	Other		5	67%	4.5333	tons	0.76	2.30	
	Load Lg Sq Bales	Custom		6	100%	4.4	tons	3.35	14.74	
	Twine Sm Sq	Other		7	33%	2.2667	tons	2.26	1.71	
	Electricity Fixed	Other	1	9	100%	1	acre	28.00	28.00	
	Roundup WeatherMax	Herbicio		10	100%	44	ounces	0.17	7.56	
	Mustang Max EC	Insectic	ide	11	25%	3	ounces	1.95	1.46	
	Total Materials and Servic	es							\$79.77	
	Total Listed Costs for Field	l Operation	ons and M	aterials and	Services				\$376.54	
	Interest on Opera					% for 6 m	nonths		7.39	
	Total Operating and Use-F					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			\$383.93	
			r						7	
	Overhead (accounting, liab	oility insu	rance, vehi						20.00	
	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per	acre @ 4.0	00%			303.60	
	Real Estate Taxes			\$7,590 per	acre @ 1.0	00%			75.90	
	Total Cost per Acre Includ	ing Overl	nead						\$783.43	
	Cost per Ton								\$115.21	
	Cash Cost per Ton								\$ 51.75	

2014 Budget 12. Alfalfa, Large and Small Square Bales (6.6 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 16 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
2	Swath/Condition Hay	3	7.50	7.55	5.18		8.19		28.42	
3	Lg Sq Bale	4.4 ton	6.02	6.82	0.54	4.95	11.77	10.02	40.12	
4	Load Lg Sq	Custom								
5	Sm Sq Bale	2.2 ton	11.22	4.30	3.06	8.52	15.61	2.06	44.77	
6	Stack Sm Sq	2.2 ton	8.80	3.11	2.40	1.52	12.24	0.97	29.04	
7	PivotE 125' Lift	16 ai	11.11	42.47	4.46	23.98	8.07	14.34	104.43	
8	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
9	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
	Total for Field Operations		\$46.58	\$65.65	\$16.17	\$39.35	\$58.53	\$28.05	\$254.33	
		1			Γ					
					Percent	Appli	cation			
	M . 1 10 :			Operation	Acres	D (77 .,	Applied	T . 1	Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	75	pounds	0.30	22.50	
	Twine Lg Sq	Other		3	100%	4.4	tons	0.76	3.35	
	Load Lg Sq Bales	Custom		4	100%	4.4	tons	3.35	14.74	
	Twine Sm Sq	Other		5	100%	2.2	tons	2.26	4.97	
	Electricity Fixed	Other	_	7	100%	1	acre	28.00	28.00	
	Velpar 75DF	Herbicio		8	25%	0.66	pounds	35.00	5.78	
	Mustang Max EC	Insectic	ide	9	25%	3	ounces	1.95	1.46	
	Total Materials and Servic	es							\$80.80	
	Total Listed Costs for Field	l Operation	ons and M	aterials and	Services			T	\$335.13	
	Interest on Opera					% for 6 m	nonths		6.84	
	Total Operating and Use-F								\$341.97	
						,				
	Overhead (accounting, liab					-			20.00	
	Real Estate Opportunity	Pivot (Pa	anhandle)						124.60	
	Real Estate Taxes			\$3,115 per	acre @ 1.0	00%			31.15	
	Total Cost per Acre Includ	ing Overl	nead						\$517.72	
	Cost per Ton								\$ 78.44	
	Cash Cost per Ton								\$ 38.70	

2014 Budget 13. Alfalfa, Large Square Bale (6.6 ton Actual Yield) Canal Irrigated, 22 Acre-inches

			r 1 0	Fuel @	Rep	airs	Own	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
2	Swath/Condition Hay	4	10.00	10.06	6.91		10.93		37.90	
3	Turn Windrows	1	1.75	0.74	0.48	0.17	2.44	2.57	8.15	
4	Double Windrows	4	4.40	1.70	1.09	0.64	5.56	4.76	18.15	
5	Lg Sq Bale	Custom								
6	Load Lg Sq	Custom								
7	Corrugate	1	3.13	2.52	0.78	0.91	3.96	5.51	16.81	
8	Ditch Irrigation	22 ai	20.37						20.37	
9	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
10	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
	Total for Field Operations		\$41.58	\$ 16.42	\$9.79	\$2.10	\$25.54	\$13.50	\$108.93	
						4 1'				
	_				Percent	Арри	cation I	4 1 . 1		17
	Materials and Services			Operation Index	Acres Applied	Rate	Unit	Applied Price	Total	Your Estimate
	11-52-0	Fertilize	r	1	100%	75	pounds	0.30	22.50	207777770
	Bale Lg Sq 1570 lb	Custom		5	100%	6.6	tons	19.23	126.92	
	Load Lg Sq Bales	Custom		6	100%	6.6	tons	3.35	22.11	
	Irrigation District O&M Charge	Other		8	100%	1	acre	30.00	30.00	
	Pursuit	Herbicio	de	9	25%	4.5	ounces	3.59	4.04	
	Crop Oil Concentrate	Additive	2	9	25%	2	pints	1.20	0.60	
	Mustang Max EC	Insectic	ide	10	25%	3	ounces	1.95	1.46	
	Total Materials and Service	es		•					\$207.63	
	Total Listed Costs for Field	l Operation	ons and Ma	aterials and	Services				\$316.56	
	Interest on Opera					% for 6 m	onths		7.63	
	Total Operating and Use-F	<u> </u>				- 1	-		\$324.19	
	Overhead (accounting, liab	vility incu	rance vehi	cle cost offic	re eynence)			20.00	
	Real Estate Opportunity	Gravity (S		\$6,835 per						
		Gravity (S	old(C)						273.40	
	Real Estate Taxes		1	\$6,835 per	acre @ 1.0	JU% 			68.35	
	Total Cost per Acre Includ	ing Overl	nead						\$685.94	
	Cost per Ton								\$103.93	
	Cash Cost per Ton								\$ 53.56	

2014 Budget 14. Alfalfa, Roundup Ready®, Large Square Bale (6.8 ton Actual Yield) Canal Irrigated, 22 Acre-inches

			. 1	Fuel @	Rep	airs	Own	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43	1	2.19	T.	5.41	
2	Swath/Condition Hay	4	10.00	10.06	6.91		10.93		37.90	
3	Turn Windrows	1	1.75	0.74	0.48	0.17	2.44	2.57	8.15	
4	Double Windrows	4	4.40	1.70	1.09	0.64	5.56	4.76	18.15	
5	Lg Sq Bale	Custom								
6	Load Lg Sq	Custom								
7	Corrugate	1	3.13	2.52	0.78	0.91	3.96	5.51	16.81	
8	Ditch Irrigation	22 ai	20.37						20.37	
9	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
10	Spray	0.25	0.18	0.09	0.05	0.19	0.23	0.33	1.07	
	Total for Field Operations		\$42.13	\$16.68	\$9.92	\$2.66	\$26.24	\$14.47	\$112.10	
		Ι			ъ .	A = = 1:	4:			
				Operation	Percent Acres	Арри	cation	Applied		Your
	Materials and Services			Index	Applied Applied	Rate	Unit	Price	Total	Estimate
	11-52-0	Fertilize	r	1	100%	80	pounds	0.30	24.00	
	Bale Lg Sq 1570 lb	Custom		5	100%	6.8	tons	19.23	130.77	
	Load Lg Sq Bales	Custom		6	100%	6.6	tons	3.35	22.11	
	Irrigation District O&M Charge	Other		8	100%	1	acre	30.00	30.00	
	Roundup WeatherMax	Herbicio	de	9	100%	44	ounces	0.17	7.56	
	Mustang Max EC	Insectic	ide	10	25%	3	ounces	1.95	1.46	
	Total Materials and Service	es							\$215.90	
	Total Listed Costs for Field	l Operation	ons and M	aterials and	Services				\$328.00	
	Interest on Opera	ating Capi	ital \$287.29	9 cash expen	se @ 5.50	% for 6 m	onths		7.90	
	Total Operating and Use-R	Related O	wnership (Costs					\$335.90	
	0 1 1/ 2 1/1	1116	1 .	1		\			20.00	
	Overhead (accounting, liab								20.00	
	Real Estate Opportunity	Gravity	(State)	\$6,835 per					273.40	
	Real Estate Taxes			\$6,835 per	acre @ 1.0)0%			68.35	
	Total Cost per Acre Includ	ing Overl	nead						\$697.65	
	Cost per Ton								\$102.60	
	Cash Cost per Ton								\$ 53.46	

2014 Budget 15. Corn, Conventional Tillage, Continuous, 90 bu Yield Goal (85 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
	F: 110	Times	Labor @	\$3.50	n		, n			Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Chisel	1	1.98	3.00	0.18	1.15	3.88	6.24	16.43	
2	Apply Anhydrous	1	2.59	3.01	0.23	0.73	5.06	3.07	14.69	
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
5	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
6	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10	
7	Row Crop Cultivation	0.25	0.45	0.28	0.12	0.17	0.63	0.62	2.27	
8	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
9	Spray	Custom								
10	Combine Dryland Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
11	Cart	85 bu	0.55	0.70	0.14	0.08	0.70	2.32	4.49	
12	Truck	Custom								
13	Dry Grain	Custom								
14	Chop Stalks	1	1.78	1.87	0.16	0.33	3.49	1.63	9.26	
	Total for Field Operations	}	\$18.14	\$20.38	\$8.79	\$10.25	\$34.28	\$26.04	\$117.88	
						4 10				
					Percent	Appli	cation			
				Operation	Acres	_		Applied		Your
	Materials and Services	n .:11		Index	Applied	Rate	Unit	Price	Total	Estimate
	82-0-0	Fertilize	r	2	100%	90	lb N	0.48	43.20	
	Corn	Seed	. 1	4	100%	0.1625	bag	170.00	27.63	
	Capture LFR	Insectic		4	100%	6.6	ounces	2.73	18.05	
	10-34-0	Fertilize		4	100%	6	gallons	2.55	15.30	
	Lumax EZ	Herbici		5	100%	2.7	quarts	18.75	50.63	
	Spray	Custom		8	50%	1	acre	6.00	3.00	
	Distinct	Herbicio		8	50%	4	ounces	0.30	0.61	
	NIS	Additive		8	50%	6	ounces	0.10	0.30	
	32-0-0 (Q)	Fertilize		8	50%	1	quart	0.49	0.24	
	Spray	Custom		9	30%	1	acre	6.00	1.80	
	Brigade 2EC	Insectic		9	10%	5.12	ounces	1.09	0.56	
	Mustang Max EC	Insectic	ide	9	20%	2	ounces	1.95	0.78	
	Haul Grain bu	Custom		12	100%	85	bushels	0.12	10.20	
	Dry, 2 Points Removed	Custom		13	100%	85	bushels	0.12	10.20	
	Scouting Dryland Corn	Scoutin	g	-	100%	1	acre	10.00	10.00	
	Corn Dryland	Crop In	surance	-	100%	1	acre	16.22	16.22	
	Total Materials and Service	es 13	3,000 seeds	per acre, 80	,000 per b	ag			\$208.72	
	Total Listed Costs for Field	d Operati	ons and M	laterials and	Services				\$326.60	
	Interest on Oper						nonths		7.32	
	Total Operating and Use-I				100 @ 3.30	,,0101 011	110111113		\$333.92	
	Total Operating and Use-I	Neiateu U	whership	Cosis					φυυυ.74	
	Overhead (accounting, lial	bility insu	rance, veh	icle cost, offi	ce expens	se)			20.00	
	Real Estate Opportunity	Dryland	l (State)	\$3,010 per	acre @ 4.0	00%			120.40	
	Real Estate Taxes		,	\$3,010 per					30.10	
	Total Cost per Acre Includ	ling Over	head						\$504.42	
	Cost per Bushel	0							\$ 5.93	
	Cost per busiler									

2014 Budget 16. Corn, No-till, Bt, ECB, RW and RR2 Continuous, 125 bu Yield Goal (115 bu Actual Yield)

Dryland

				Fuel @	Rep	airs	Owne	rship		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray Fertilizer and Herbicide	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
2	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Spray	Custom								
5	Combine Dryland Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
6	Cart	115 bu	0.74	0.95	0.18	0.11	0.94	3.13	6.05	
7	Truck	Custom								
8	Dry Grain	Custom								
	Total for Field Operations		\$9.50	\$9.86	\$7.57	\$6.50	\$18.79	\$12.95	\$ 65.17	
					Percent	Appl	ication			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	32-0-0	Fertilize	r	1	100%		lb N	0.55	66.00	
	Expert	Herbicio	de	1	100%	3	quarts	9.25	27.75	
	Corn Bt, ECB, RW and RR2	Seed		2	80%	0.23		240.00	44.16	
	Corn RR2	Seed		2	20%	0.23	bag	210.00	9.66	
	* Capture LFR	Insectic	ide	2	20%	6.6	ounces	2.73	3.61	
	10-34-0-1Z	Fertilize	r	2	100%	6	gallons	2.60	15.60	
	Glyphosate w/Surfactant	Herbicio	de	3	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive	2	3	100%	1.7	pounds	0.30	0.51	
	Status	Herbicio	de	3	50%	2.5	ounces	3.60	4.50	
	* Spray	Custom		4	30%	1	acre	6.00	1.80	
	* Brigade 2EC	Insectic		4	10%	5.12	ounces	1.09	0.56	
	* Mustang Max EC	Insectic		4	20%	2	ounces	1.95	0.78	
	Haul Grain bu	Custom		7	100%	115		0.12	13.80	
	Dry, 2 Points Removed	Custom		8	100%	115	bushels	0.12	13.80	
	Scouting Dryland Corn	Scouting	g	_	100%	1 acre	acre	10.00	10.00	
	Corn Dryland	Crop In	surance	_	100%	1 acre	acre	16.22	16.22	
	Total Materials and Service	es 18	,400 seeds	per acre, 80,	000 per ba	ag, 20% r	efuge		232.13	
	*Insecticides for 1st and 2nd brood	d European	corn borer (10% of refuge),	western bea	n cutworm	, and spider n	nites, respect	tively.	
	Total Listed Costs for Field	Operati	ons and M	aterials and	Services				\$297.30	
	Interest on Opera					% for 6 n	nonths		7.30	
	Total Operating and Use-R		\$ 304.60							
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity	Dryland		\$3,010 per					120.40	
	Real Estate Taxes	21 y luile	· (otate)	\$3,010 per			30.10			
	Total Cost per Acre Includi	ng Overl	nead	70,010 Per					\$475.10	
	Cost per Bushel	118 0 1011	1044						\$ 4.13	
	Cash Cost per Bushel								\$ 2.63	

2014 Budget 17. Corn, No-till, SmartStax RIB Complete, Continuous, 130 bu Yield Goal (120 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray Fertilizer and Herbicide	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
2	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Spray	Custom								
5	Combine Dryland Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
6	Cart	120 bu	0.78	0.99	0.19	0.11	0.98	3.27	6.32	
7	Truck	Custom								
8	Dry Grain	Custom								
	Total for Field Operations		\$9.54	\$9.90	\$7.58	\$6.50	\$18.83	\$13.09	\$65.44	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	32-0-0	Fertilize	r	1	100%	125	lb N	0.55	68.75	
	Expert	Herbici	de	1	100%	3	quarts	9.25	27.75	
	Corn SmartStax RIB	Seed		2	100%	0.24	bag	275.00	66.00	
	Complete									
	10-34-0	Fertilize	r	2	100%	6	gallons	2.55	15.30	
	Glyphosate w/Surfactant	Herbicide Additive		3	100%	32	ounces	0.11	3.38	
	21-0-0-24S			3	100%	1.7	pounds	0.30	0.51	
	Status	Herbici	de	3	50%	2.5	ounces	3.60	4.50	
	Spray	Custom		4	10%	1	acre	6.00	0.60	
	Brigade 2EC	Insectic	ide	4	10%	5.12	ounces	1.09	0.56	
	Haul Grain bu	Custom		7	100%	120	bushels	0.12	14.40	
	Dry, 2 Points Removed	Custom		8	100%	120	bushels	0.12	14.40	
	Scouting Dryland Corn	Scoutin	g	_	100%	1	acre	10.00	10.00	
	Corn Dryland	Crop In		-	100%	1	acre	16.22	16.22	
	Total Materials and Service			ls per acre, 8	0,000 per	bag, 5%	refuge		\$242.37	
	Total Listed Costs for Field	Operati	ons and M	aterials and	Services				\$307.81	
	Interest on Opera		7.59							
	Total Operating and Use-R		\$315.40							
			Ψ212.40							
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity	Dryland	l (State)	\$3,010 per					120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1.	00%			30.10	
	Total Cost per Acre Includi	ng Overl	nead						\$485.90	
	Cost per Bushel								\$ 4.05	
	Cash Cost per Bushel								\$ 2.61	

2014 Budget 18. Corn, No-Till, Bt ECB After Soybean, 135 bu Yield Goal (125 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
2	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
5	Spray	Custom								
6	Combine Dryland Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
7	Cart	125 bu	0.81	1.04	0.20	0.12	1.02	3.41	6.60	
8	Truck	Custom								
9	Dry Grain	Custom								
	Total for Field Operations		\$9.94	\$10.13	\$ 7.68	\$6.88	\$19.33	\$13.88	\$67.84	
				Percent	Appli	cation				
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	32-0-0	Fertilize	r	1	100%	85	lb N	0.55	46.75	
	Corn Bt ECB	Seed		2	80%	0.25	bag	195.00	39.00	
	Corn	Seed		2	20%	0.25	bag	170.00	8.50	
	10-34-0	Fertilize		2	100%	6	gallons	2.55	15.30	
	Bicep II Magnum	Herbicio		3	100%	2.1	quarts	13.25	27.83	
	21-0-0-24S	Additive		3	100%	1.7	pounds	0.30	0.51	
	Laudis	Herbicio		4	50%	3	ounces	5.70	8.55	
	Atrazine 90 DF	Herbicio		4	50%	0.5	pounds	3.25	0.81	
	Crop Oil Concentrate	Additive	2	4	50%	1	pint	1.20	0.60	
	32-0-0 (Q)	Fertilize	r	4	50%	1.5	quarts	0.49	0.37	
	* Spray	Custom		5	30%	1	acre	6.00	1.80	
	* Brigade 2EC	Insectic		5	10%	5.12	ounces	1.09	0.56	
	* Mustang Max EC	Insectic	ide	5	20%	2	ounces	1.95	0.78	
	Haul Grain bu	Custom		8	100%	125	bushels	0.12	15.00	
	Dry, 2 Points Removed	Custom		9	50%	125	bushels	0.12	7.50	
	Scouting Dryland Corn	Scouting	g	_	100%	1	acre	10.00	10.00	
	Corn Dryland	Crop In		ı	100%	1	acre	16.22	16.22	
	Total Materials and Service	es 20	,000 seeds	per acre, 80,	000 per ba	ag, 20% r	efuge		\$200.08	
	*Insecticides for first and second b							der mites, re	espectively.	
	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$267.92	
	Interest on Opera					% for 6 ==	onthe		6.45	
	Total Operating and Use-R		\$274.37							
	1 0									
	Overhead (accounting, liab	•							20.00	
	Real Estate Opportunity	Dryland	1 (State)	\$3,010 per					120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1	.00%			30.10	
	Total Cost per Acre Includi	ing Overl	nead						\$444.87	
	Cost per Bushel								\$ 3.56	
	Cash Cost per Bushel								\$ 2.17	

2014 Budget 19. EcoFallow Corn, Follows Wheat, Two Crops in Three Years, RR2 and Bt ECB, 125 bu Yield Goal (115 bu Actual Yield)

Dryland

Ĭ	, rana		Fuel @		Repairs		Ownership					
		Times	Labor @	\$3.50						Your		
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate		
1	Spray (Prior Year Stubble)	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24			
2	Spray (Prior Year Stubble)	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24			
3	Spray Fertilizer and Herbicide	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53			
4	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67			
5	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24			
6	Spray	Custom										
7	Combine Dryland Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68			
8	Cart	115 bu	0.74	0.95	0.18	0.11	0.94	3.13	6.05			
9	Truck	Custom		0.70	0,10	0,11	01,51	0,10	0,00			
0		Custom										
U	Total for Field Operations	Custom	\$10.96	\$10.56	\$7.02	\$9.00	\$20.65	\$15.55	\$73.65			
_	Total for Field Operations		\$10.96	\$10.56	\$7.93	\$8.00	\$20.65	\$15.55	\$/3.65			
					Percent	Appli	cation I			***		
	Mataniala 10 '			Operation	Acres	D /	77	Applied	T . 1	Your		
	Materials and Services	TT1 * *	1.	Index	Applied	Rate	Unit	Price	Total	Estimate		
	Glyphosate w/Surfactant 21-0-0-24S	Herbicio Additivo		1	100% 100%	32 1.7	ounces	0.11	3.38 0.51			
		Herbici		1	100%		pounds	0.30 10.75	10.75			
	Rugged AAtrex 4L	Herbici		2	100%	1.5	quart quarts	5.00	7.50			
	Glyphosate w/Surfactant	Herbici		2	100%	32	ounces	0.11	3.38			
		0-0-24S Additive										
	32-0-0			3	100% 100%	1.7 120	pounds lb N	0.30 0.55	0.51 66.00			
		Herbici		3	100%	0.5	quart	5.00	2.50			
		Herbicide	3	100%	4	ounces	5.50	22.00				
)-34-0	Balance Flexx 10-34-0 Corn ECB and RR2	Fertilizer		4	100%		gallons	2.55	15.30		
		Seed		4	80%	0.23	bag	225.00	41.40			
	Corn RR2	Seed	l	le	4	20%	0.23	bag	210.00	9.66		
	Glyphosate w/Surfactant	Herbici			e	e	e	5	100%	32	ounces	0.11
	* 21-0-0-24S	Additive	2	5	100%	1.7	pounds	0.30	0.51			
	Status	Herbici	de	5	50%	2.5	ounces	3.60	4.50			
	* Spray	Custom		6	30%	1	acre	6.00	1.80			
	* Brigade 2EC	Insectic		6	10%	5.12	ounces	1.09	0.56			
	Mustang Max EC	Insectic		6	20%	2		1.95	0.78			
	Haul Grain bu	Custom		9	100%		bushels	0.12	13.80			
	Dry, 2 Points Removed	Custom		10	100%		bushels	0.12	13.80			
	Scouting Dryland Corn	Scoutin		-	100%	1	acre	10.00	10.00			
	Corn Dryland Budget 12	Crop In		_	100%	1	acre	19.25	19.25			
4	Total Materials and Service *Insecticides for 1st and 2nd brood			ds per acre, 8				mites respec	\$251.27			
_						ii catworiii,	una spiaci	inites, respec	etively.			
	Total Listed Costs for Field	Operati	ons and M	aterials and	Services				\$324.92			
	Interest on Opera		7.94									
	Total Operating and Use-R		\$332.86									
Overhead (accounting, liability insurance, vehicle cost, office expense)									20.00			
	Real Estate Opportunity	Dryland (Southwest)	\$1,530 per					61.20			
	Real Estate Taxes			\$1,530 per	acre @ 1.	00%			15.30			
	Total Cost per Acre Includi	ng Overl	nead						\$429.36			
	Cost per Bushel								\$ 3.73			
	Cash Cost per Bushel								\$ 2.71			

2014 Budget 20. Corn, Ridge-Till, Bt, ECB and RW, Continuous, 230 bu Yield Goal (215 bu Actual Yield) Gravity Irrigated, 1,000 GPM 10 PSI, 18 Acre-inches

\neg			Ι	Fuel @	Dat	pairs	Oaum	ership		I
		Times	Labor @	\$3.50	Кер	uii 5	Own	ετεπιρ		Varia
	F: -11 O =+i		l		D	T6	D	T	T-4-1	Your
\perp	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
2	Apply Anhydrous	1	2.59	3.01	0.23	0.73	5.06	3.07	14.69	
3	Ridge Plant, Band Herbicide	1	3.38	2.11	0.30	4.18	6.62	2.66	19.25	
4	Ridge Cultivation	1	1.82	1.95	0.18	0.30	3.91	1.09	9.25	
5	Ridge Cultivation	1	1.82	1.95	0.18	0.30	3.91	1.09	9.25	
5	Spray	Custom								
7	Spray	Custom								
3	Pipe D125' Lift	18 ai	35.00	97.57	4.70	3.42	8.00	6.08	154.77	
)	Combine Irrigated Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
0	Cart	215 bu	1.39	1.78	0.35	0.20	1.76	5.86	11.34	
1	Truck	Custom								
2	Dry Grain	Custom								
3	Chop Stalks	1	1.78	1.87	0.16	0.33	3.49	1.63	9.26	
╛	Total for Field Operations	•	\$51.07	\$116.35	\$12.39	\$11.01	\$42.55	\$25.98	\$259.35	
	•									
					Percent	Appli	cation	, ,,		17
	36 . 1 10 .			Operation	Acres	Б	77.	Applied	TT : 1	Your
ŀ	Materials and Services	TT 1	1	Index	Applied	Rate	Unit	Price	Total	Estimate
I	2,4-D Ester 4#	Herbici		1	20%		pints	2.81	0.84	
	Glyphosate w/Surfactant	Herbici		1	20%	32		0.11	0.68	
ļ	21-0-0-24S	Additive		1	20%	1.7	pounds	0.30	0.10	
ı	82-0-0	Fertilize	r	2	100%	215	lb N	0.48	103.20	
١	Corn Bt ECB and RW	Seed		3	80%	0.38		210.00	63.84	
١	Corn	Seed		3	20%	0.38		170.00	12.92	
	* Capture LFR	Insectic		3	20%	6.6	ounces	2.73	3.61	
	10-34-0	Fertilize		3	100%	6	gallons	2.55	15.30	
١	Bicep II Magnum	Herbici		3	40%	1.8	quarts	13.25	9.54	
	Spray	Custom		6	50%	1	acre	6.00	3.00	
١	Laudis	Herbici		6	50%	3	ounces	5.70	8.55	
	Atrazine 90 DF	Herbici		6	50%	0.5		3.25	0.81	
	Crop Oil Concentrate	Additive		6	50%	1	pint	1.20	0.60	
١	32-0-0 (Q)	Fertilize		6	50%	1.5	quarts	0.49	0.37	
	* Spray	Custom		6	30%	1	acre	6.00	1.80	
ı	* Brigade 2EC	Insectic		6	10%	5.12	ounces	1.09	0.56	
١	* Mustang Max EC	Insectic		6	20%	2		1.95	0.78	
	Spray	Custom		7	40%	1	acre	6.00	2.40	
	Headline AMP	Fungici		7	40%		ounces	2.34	9.38	
	Haul Grain bu	Custom		11	100%		bushels	0.12	25.80	
	Dry, 2 Points Removed	Custom		12	100%	215	bushels	0.12	25.80	
	Scouting Irrigated Corn	Scoutin		-	100%	1	acre	10.00	10.00	
	Corn Irrigated	Crop In		_	100%	1	acre	9.69	9.69	
l	Total Materials and Service	es :	30,400 seed	ds per acre, 8	30,000 per	bag, 20%	refuge		\$309.57	
*Insecticide for first brood European corn borer (10% of refuge), spider mites and western bean cutworm, respectively										
_			\$568.92							
Total Listed Costs for Field Operations and Materials and Services Interest on Operating Capital \$500.39 cash expense @ 5.50% for 6 months										
	-	-		-	ise @ 5.50	% tor 6 m	onths		13.76	
	Total Operating and Use-R	Related O	wnership (Costs					\$582.68	
7	Overhead (accounting 1' 1	:11:4	**************************************	ala asst -fr	20.022	2)			20.00	
	Overhead (accounting, liab	•							20.00	
١	Real Estate Opportunity	Pivot	(State)	\$6,835 per					273.40	
	Real Estate Taxes			\$6,835 per	acre @ 1.	.00%			68.35	
	Total Cost per Acre Includ	ing Overl	nead						\$944.43	
	Cost per Bushel								\$ 4.39	
ſ	Cash Cost per Bushel								\$ 2.71	

2014 Budget 21. Corn, Ridge-Till, SmartStax, RIB Complete, Continuous, 240 bu Yield Goal (225 bu Actual Yield)

Gravity Irrigated, 1,000 GPM 10 PSI, 18 Acre-inches

П				Fuel @	Rep	pairs	Own	ership			
		Times	Labor @	\$3.50						Your	
\Box	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate	
1	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86		
2	Apply Anhydrous	1	2.59	3.01	0.23	0.73	5.06	3.07	14.69		
3	Ridge Plant, Band Herbicide	1	3.38	2.11	0.30	4.18	6.62	2.66	19.25		
4	Ridge Cultivation	1	1.82	1.95	0.18	0.30	3.91	1.09	9.25		
5	Ridge Cultivation	1	1.82	1.95	0.18	0.30	3.91	1.09	9.25		
6	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24		
7	Spray	Custom									
8	Spray	Custom									
9	Pipe D125' Lift	18 ai	35.00	97.57	4.70	3.42	8.00	6.08	154.77		
10	Combine Irrigated Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68		
11	Cart	225 bu	1.46	1.86	0.36	0.21	1.84	6.13	11.86		
12	Truck	Custom									
\rightarrow	Dry Grain	Custom									
\rightarrow		1	1.78	1.87	0.16	0.33	3.49	1.63	9.26		
\exists	Total for Field Operations		\$51.87	\$116.78	\$12.58	\$11.77	\$43.56	\$27.55	\$264.11		
П					Percent	Appli	cation				
				Operation	Acres			Applied		Your	
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate	
ı	2,4-D Ester 4#	Herbici	de	1	20%	1.5	pints	2.81	0.84		
ı	Glyphosate w/Surfactant	Herbici	de	1	20%	32	ounces	0.11	0.68		
ı	21-0-0-24S	Additive	2	1	20%	1.7	pounds	0.30	0.10		
ı	82-0-0	Fertilizer	2	100%	225	lb N	0.48	108.00			
1	Corn SmartStax RIB Complete	Seed		3	100%	0.41	bag	275.00	112.75		
1	10-34-0	Fertilizer		3	100%	6	gallons	2.55	15.30		
1	Bicep II Magnum	Herbici	rbicide	3	40%	1.8	quarts	13.25	9.54		
1	Glyphosate w/Surfactant	Herbici			.e	6	100%	32	ounces	0.11	3.38
Ì	21-0-0-24S	Additive	2	6	100%	1.7	pounds	0.30	0.51		
Ī	Status	Herbici	de	6	100%	2.5	ounces	3.60	9.00		
Ī	Spray	Custom		7	10%	1	acre	6.00	0.60		
Ì	Brigade 2EC	Insectic	ide	7	10%	5.12	ounces	1.09	0.56		
ı	Spray	Custom		8	40%	1	acre	6.00	2.40		
-	Headline AMP	Fungici	de	8	40%	10	ounces	2.34	9.38		
-	Haul Grain bu	Custom		12	100%	225	bushels	0.12	27.00		
Ì	Dry, 2 Points Removed	Custom		13	100%	225	bushels	0.12	27.00		
- [Scouting Irrigated Corn	Scoutin	g	_	100%	1	acre	10.00	10.00		
-	Corn Irrigated	Crop In	surance	_	100%	1	acre	9.69	9.69		
	Total Materials and Service	es :	32,800 seed	ls per acre, 8	0,000 per	bag			\$346.73		
7	Total Listed Costs for Field			\$610.84							
1	Interest on Opera	14.84									
ŀ	Total Operating and Use-R		\$625.68								
			-								
	Overhead (accounting, liab	ility insu	rance, vehi						20.00		
	Real Estate Opportunity	Gravity	(State)	\$6,835 per	acre @ 4.	.00%			273.40		
I	icai Estate Opportunity					000/			68.35	1	
	Real Estate Taxes			\$6,835 per	acre @ 1.	.00%			00.55		
	Real Estate Taxes	ng Overl	nead	\$6,835 per	acre @ 1.	.00%					
		ng Overl	nead	\$6,835 per	acre @ 1.	00%			\$987.43 \$ 4.39		

2014 Budget 22. Corn, Continuous, SmartStax RIB Complete, 190 bu Yield Goal (180 bu Actual Yield) Canal Irrigated, Gravity, 15 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
3	Spray Fertilizer and Herbicide	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
5	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
6	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10	
7	Hill/Ditch	1	3.38	3.30	0.84	0.51	4.28	0.59	12.90	
8	Spray	Custom								
9	Spray	Custom								
10		1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
1	Cart	180 bu	1.16	1.49	0.29	0.17	1.47	4.91	9.49	
2	Truck	Custom								
3	Dry Grain	Custom					<u> </u>			
4		1	1.78	1.87	0.16	0.33	3.49	1.63	9.26	
15	Ditch Irrigation	15 ai	13.89	do1 = 1	do 10	40.01	φ2.c. +2	Φ21.22	13.89	
	Total for Field Operations		\$34.28	\$21.56	\$9.49	\$9.91	\$36.43	\$21.38	\$133.05	
					Percent	Annli	cation			
				Operation	Acres	прри		Applied		Your
	Materials and Services			Index		Data	Unit	Applied Price	Total	Estimate
		D (11)			Applied	Rate				Estimate
	32-0-0	Fertilize		3	100%	150	lb N	0.55	82.50	
	Balance Flexx	Herbicio		3	100%	4	ounces	5.50	22.00	
	Bicep II Magnum	Herbicio		3	100%	2.1	quarts	13.25	27.83	
	10-34-0	Fertilize		4	100%	8	gallons	2.55	20.40	
	Corn SmartStax RIB Complete	Seed		4	100%	0.42	bag	275.00	115.50	
	32-0-0	Fertilize		5	100%	40	lb N	0.55	22.00	
	Spray	Custom		8	10%	1	acre	6.00	0.60	
	Brigade 2EC	Insectici	ide	8	10%	5.12	ounces	1.09	0.56	
	Spray	Custom		9	40%	1	acre	6.00	2.40	
	Headline AMP	Fungicio	de	9	40%	10	ounces	2.34	9.38	
	Haul Grain bu	Custom		12	100%	180	bushels	0.12	21.60	
	Dry, 2 Points Removed	Custom		13	100%	180	bushels	0.12	21.60	
	Irrigation District O&M Charge	Other		15	100%	1	acre	30.00	30.00	
	Scouting Irrigated Corn	Scouting	<u> </u>	_	100%	1	acre	10.00	10.00	
	Corn Irrigated	Crop In		_	100%	1	acre	9.69	9,69	
	Total Materials and Service				/ *				\$396.06	
	Total Listed Costs for Eigld	Operati	one and M	atorials and	Sarvisas				\$529.11	
	Total Listed Costs for Field Operations and Materials and Services Interest on Operating Capital \$471.30 cash expense @ 5.50% for 6 months									
	1	12.96								
	Total Operating and Use-R	elated O	wnership (\$542.07		
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity		Panhandle)	\$2,875 per					115.00	
	Real Estate Taxes	Gravity (I	amandic)	\$2,875 per		28.75				
		0 1	1	ψ2,073 pei	acic @ 1.0	JU 70				
	Total Cost per Acre Includi	ing Overf	ieaa						\$705.82	
	Cost per Bushel								\$ 3.92	
	Cash Cost per Bushel					\$ 2.69				

2014 Budget 23. Corn, No-Till, Bt ECB and RW, Continuous, 240 bu Yield Goal (225 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 9 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
4	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
+	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
+	Spray Plant	1	0.73 3.26	0.35 1.63	0.18 0.81	0.75 3.86	0.93 4.12	1.30 2.60	4.24 16.28	
	PivotD 125' Lift w/Fertigation	9 ai	8.33	67.22	2.94	13.49	4.12	8.07	10.28	
-	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
	Spray	Custom							-	
I	Spray	Custom								
1	Combine Irrigated Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
4	Cart	225 bu	1.46	1.86	0.36	0.21	1.84	6.13	11.86	
	Truck Dry Grain	Custom Custom								
t	Total for Field Operations	Custom	\$17.44	\$77.35	\$10.67	\$20.23	\$21.41	\$23.25	\$170.35	
_			Ψ1,111	ψ,,,,,,	\$10.07	Ψ=0.20	Ψ=1,11	\$20,20	ψ1, στο C	
I					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimat
	2,4-D Ester 4#	Herbicio	de	1	20%	1.5	pints	2.81	0.84	
ľ	Glyphosate w/Surfactant	Herbicio	de	1	20%	32	ounces	0.11	0.68	
ľ	21-0-0-24S	Additive		1	20%	1.7	pounds	0.30	0.10	
ŀ	Lumax EZ	Herbicio		2	100%	2.7	quarts	18.75	50.63	
ŀ	Corn Bt ECB and RW	Seed		3	80%	0.39	bag	210.00	65.52	
ŀ	Corn	Seed		3	20%	0.39		170.00	13.26	
ŀ			. 1				bag			
ŀ	* Capture LFR	Insectic		3	20%	6.6	ounces	2.73	3.61	
ŀ	10-34-0	Fertilize		3	100%	6	gallons	2.55	15.30	
ļ	32-0-0 (Applied by R2)	Fertilize		4	100%	205	lb N	0.55	112.75	
L	Laudis	Herbicio	de	5	50%	3	ounces	5.70	8.55	
l	Atrazine 90 DF	Herbicio	de	5	50%	0.5	pound	3.25	0.81	
ſ	Crop Oil Concentrate	Additive	2	5	50%	1	pint	1.20	0.60	
Ī	32-0-0 (Q)	Fertilize	r	5	50%	1.5	quarts	0.49	0.37	
İ	* Spray	Custom		6	30%	1	acre	6.00	1.80	
İ	* Brigade 2EC	Insectic	ide	6	10%	5.12	ounces	1.09	0.56	
ŀ	* Mustang Max EC	Insectic		6	20%	2	ounces	1.95	0.78	
ŀ	Spray	Custom		7	40%	1		6.00	2.40	
ŀ							acre			
ŀ	Headline AMP	Fungicio		7	40%	10	ounces	2.34	9.38	
ŀ	Haul Grain bu	Custom		10	100%	225	bushels	0.12	27.00	
-	Dry, 2 Points Removed	Custom		11	100%	225	bushels	0.12	27.00	
ļ	Scouting Irrigated Corn	Scouting		_	100%	1	acre	10.00	10.00	
	Corn Irrigated	Crop In		_	100%	1	acre	9.69	9.69	
	Total Materials and Service			ls per acre, 8					\$361.63	
I	*Insecticides for rootworm (refuge	e), 1st brood	l European c	orn borer (10%	of refuge), v	vestern bear	n cutworm,	and spider n	nites, respectively	у
_										
ŀ	Total Listed Costs for Field					0/2 for (onthe		\$531.98	
ŀ	Interest on Opera	-			ise @ 5.50'	% ior 6 n	ionths		13.40	
1	Total Operating and Use-R	elated O	wnership (Costs					\$545.38	
T	Overhead (accounting, liab	ility insu	rance, vehi	icle cost, offi	ce expense	e)			20.00	
ŀ	Real Estate Opportunity	Pivot (St		\$7,590 per			303.60			
ŀ	Real Estate Taxes	11101 (31	.atc)	\$7,590 per			75.90			
ŀ	Total Cost per Acre Includi	ng Overl	nead	, , , , , , , , , , , , , , , , , , ,					\$944.88	
ŀ	Cost per Bushel		1044						\$ 4.20	
L	Cash Cost per Bushel								\$ 2.56	

2014 Budget 24. Corn, No-Till, SmartStax, RIB Complete, Continuous, 250 bu Yield Goal (235 bu Actual Yield)

Pivot Irrigated, 800 GPM 35 PSI, 9 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
		Times	Labor @	\$3.50	The state of the s					Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
Ĺ	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	Barritone
	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	<u> </u>
;	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
_	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
	Spray	Custom	0.57	0.16	0.09	0.57	0.40	0.03	2.12	-
	Spray	Custom								
	PivotD 125' Lift w/Fertigation	9	8.33	67.22	2.94	13.49	4.26	8.07	104.31	
		1 ai								
	Combine Irrigated Corn		3.14	6.04	6.25	1.40	9.61	4.24	30.68	
-	Cart	235	1.52	1.95	0.38	0.22	1.92	6.40	12.39	
	Truck	Custom								
	,	Custom								
	Total for Field Operations		\$17.50	\$77.44	\$10.69	\$20.24	\$21.49	\$23.52	\$170.88	
					Percent	Appli	cation			
				Operation	Acres	1,1,1		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	2,4-D Ester 4#	Herbici	10	1	20%	1.5	pints	2.81	0.84	Estimate
	Glyphosate w/Surfactant	Herbici		1	20%	32	ounces	0.11	0.68	
	21-0-0-24S	Additive		1	20%	1.7		0.11	0.08	-
	Lumax EZ	Herbici		2	100%	2.7	pounds	18.75	50.63	
	Corn SmartStax RIB Complete		ie				quarts			
		Seed		3	100%	0.42	bag	275.00	115.50	
	10-34-0	Fertilize		3	100%	6	gallons	2.55	15.30	
	32-0-0 (Applied by R2)	Fertilize		7	100%	215	lb N	0.55	118.25	ļ
	Glyphosate w/Surfactant	Herbici		4	50%	32	ounces	0.11	1.69	
	21-0-0-24S	Additive		4	50%	1.7	pounds	0.30	0.26	
	Status	Herbici		4	50%	2.5	ounces	3.60	4.50	
	Spray	Custom		5	10%	1	acre	6.00	0.60	
	Brigade 2EC	Insectic		5	10%	5.12	ounces	1.09	0.56	
	Spray	Custom		6	40%	1	acre	6.00	2.40	
	Headline AMP	Fungici		6	40%	10	ounces	2.34	9.38	
	Haul Grain bu	Custom		10	100%	235	bushels	0.12	28.20	
	Dry, 2 Points Removed	Custom		11	100%	235	bushels	0.12	28.20	
	Scouting Irrigated Corn	Scoutin		_	100%	1	acre	10.00	10.00	
	Corn Irrigated	Crop In		_	100%	1	acre	9.69	9.69	
	Total Materials and Service	es 3	2,800 seed	ls per acre, 8	0,000 per	bag, 5% 1	refuge		\$396.78	
	Total Listed Costs for Field	Oncret	one and M	atorials and	Commisses				\$567.66	1
						0/2 for 6 ==	antha		\$567.66	
	Interest on Opera				186 @ 3.30	70 10f O II	10111118		14.37	
	Total Operating and Use-R	elated O	wnership (Costs					\$582.03	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	Real Estate Opportunity	Pivot (St		\$7,590 per					303.60	
	Real Estate Taxes	11.50 (0)		\$7,590 per			75.90			
	Total Cost per Acre Includi	ng Overl	nead	1 . 1.					\$981.53	
	Cost per Bushel								\$ 4.18	
	Cash Cost per Bushel								\$ 2.61	

2014 Budget 25. Corn, Bt ECB and RW, Continuous, 230 bu Yield Goal (215 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 13 Acre-inches

				Fuel @	Rep	pairs	Own	ership				
	F:-11 Obti	Times	Labor @ \$20/Hr	\$3.50 and Lube	D	T6	D	I	Total	Your Estimate		
_	Field Operations	or Qty			Power	Imp.	Power	Imp.	H	Estimate		
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36			
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	 		
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	}		
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	 		
5	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10			
6	Row Crop Cultivation	0.25	0.45	0.28	0.12	0.17	0.63	0.62	2.27	<u> </u>		
/	Spray	Custom										
8	Spray	Custom	12.04	07.00	4.05	10.40	6.15	11.65	150.66			
9	PivotD 125' Lift w/Fertigation	13 ai	12.04	97.09	4.25	19.48	6.15	11.65	150.66			
10	Combine Irrigated Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68			
11	Cart	215 bu	1.39	1.78	0.35	0.20	1.76	5.86	11.34	<u> </u>		
12	Truck	Custom								1		
13	/	Custom	1.70	1.07	0.16	0.22	2.40	1.62	0.26			
14	<u> </u>	1	1.78	1.87	0.16	0.33	3.49	1.63	9.26			
	Total for Field Operations		\$28.10	\$115.42	\$12.93	\$28.70	\$36.03	\$32.33	\$253.51			
					Percent	Appli	cation					
				Operation	Acres	- 11		Applied		Your		
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate		
	Balance Flexx	Herbici	de	3	100%	4	ounces	5.50	22.00			
	Bicep II Magnum	Herbici	de	3	100%	2.1	quarts	13.25	27.83			
	Corn Bt ECB and RW	Seed		4	80%	0.38	bag	210.00	63.84			
	Corn	n Seed		4	20%	0.38	bag	170.00	12.92			
	10-34-0	Fertilize	Fertilizer Insecticide Fertilizer	rtilizer secticide	4	100%	6	gallons	2.55	15.30		
	Capture LFR	Insectic			4	20%	6.6	ounces	2.73	3.61		
	32-0-0 (Applied by R2)	Fertilize			er	9	100%	195	lb N	0.55	107.25	
	* Spray	Custom		7	30%	1	acre	6.00	1.80			
	* Brigade 2EC	Insectic	ide	7	10%	5.12	ounces	1.09	0.56			
	* Mustang Max EC	Insectic	ide	7	20%	2	ounces	1.95	0.78			
	Spray	Custom		8	40%	1	acre	6.00	2.40			
	Headline AMP	Fungici	de	8	40%	10	ounces	2.34	9.38			
	Haul Grain bu	Custom		12	100%	215	bushels	0.12	25.80			
	Dry, 2 Points Removed	Custom		13	100%	215	bushels	0.12	25.80			
	Scouting Irrigated Corn	Scoutin	g	_	100%	1	acre	10.00	10.00			
	Corn Irrigated	Crop In		-	100%	1	acre	9.69	9.69			
	Total Materials and Service			ds per acre, 8					\$338.96			
	*Insecticides for rootworm (refuge	e), 1st brood	d European co	orn borer (10%	of refuge),	western bear	n cutworm,	and spider n	nites, respectively	у.		
	Total Listed Costs for Field	Operati	one and M	aterials and	Services				\$592.47			
	Interest on Opera					% for 6 m	onthe		14.41			
	Total Operating and Use-R		\$606.88									
	Total Operating and Use-R	ciated O	whership (Costs					φυυυ.00			
$\overline{}$	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00			
	- · · · · · · · · · · · · · · · · · · ·							303.60				
	-	Pivot	(State)	\$7,590 bet	acie @ 4.	\$7,590 per acre @ 4.00% \$7,590 per acre @ 1.00%						
	Real Estate Opportunity	Pivot	(State)									
	Real Estate Opportunity Real Estate Taxes								75.90			
	Real Estate Opportunity											

2014 Budget 26. Corn, SmartStax RIB Complete, 190 bu Yield Goal (180 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 13 Acre-inches

				Fuel @	Rep	airs	Own	ership						
	E:-11 Obti	Times	Labor @	\$3.50	D	T6	D	I	T-4-1	Your Estimate				
1	Field Operations	or Qty	\$20/Hr	and Lube	Power	Imp.	Power	Imp.	Total	Estimate				
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36					
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32					
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24					
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28					
5	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10					
6	Spray	Custom												
7	Aerial Spray	Custom												
8	Aerial Spray	Custom												
9	PivotE 125' Lift w/Fertigation	13	12.04	34.51	3.62	19.48	6.56	11.65	87.86					
10	Combine Irrigated Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68					
11	Cart	180 bu	1.16	1.49	0.29	0.17	1.47	4.91	9.49					
12	Truck	Custom												
13	1	1	1.78	1.87	0.16	0.33	3.49	1.63	9.26					
	Total for Field Operations		\$27.42	\$52.27	\$12.12	\$28.50	\$35.52	\$30.76	\$186.59					
					ъ .	A = = 1:	4:							
				05	Percent	Appli	cation I	1 1 1		W.				
	Materials and Services			Operation Index	Acres	Data	Unit	Applied Price	Total	Your Estimate				
	32-0-0	Fertilize			Applied 100%	Rate	lb N			Estimate				
	Balance Flexx	Herbicio		3	100%	150		0.55	82.50					
		Herbicio		3	100%	2.1	ounces	5.50 13.25	22.00 27.83					
	Bicep II Magnum 10-34-0	Fertilize				2.1	quarts							
	Corn SmartStax RIB Complete		r	4	100%	8	gallons	2.55	20.40					
	•	Seed		4	100%	0.42	bag	275.00	115.50					
	32-0-0 (Applied by R2)	Fertilize		8	100%	40	lb N	0.55	22.00					
	Spray	Custom		6	100%	1	acre	6.00	6.00					
	Glyphosate w/Surfactant Dicamba	Herbicio		6	100%	32	ounces	0.11	3.38					
		Herbicio Custom		6 7	100%	12	ounces	0.47 8.00	5.63 0.80					
	Aerial Spray Brigade 2EC	Insectic		7	10%	5.12	acre	1.09	0.80					
	Aerial Spray	Custom		7	40%	3.12	ounces	8.00	3.20					
	Headline AMP	Fungicio		7	40%	10	acre	2.34	9.38					
	Electricity Fixed	Other	ac	8	100%		ounces	28.00	28.00					
	Haul Grain bu	Custom		11	100%	180	bushels	0.12	21.60					
	Dry, 2 Points Removed	Custom		11	100%	180	bushels	0.12	21.60					
	Scouting Irrigated Corn	Scouting		-	100%	1	acre	10.00	10.00					
	Corn Irrigated	Crop In		_	100%	1	acre	9.69	9.69					
	Total Materials and Service	1						2.02	\$410.07					
		·												
	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$596.66					
	Interest on Opera	ting Cap	ital \$530.3	8 cash exper	ise @ 5.50	% for 6 m	nonths		14.59					
	Total Operating and Use-R	elated O	wnership (Costs					\$611.25					
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00					
	Real Estate Opportunity		nhandle)	\$3,115 per			124.60							
	Real Estate Taxes			\$3,115 per		31.15								
	Total Cost per Acre Includi	ing Overl	nead	#0,110 PCI			\$787.00							
	Cost per Bushel		1044						\$ 4.37					
	Cash Cost per Bushel								\$ 3.03					
	Casii Cost pei Dusiiei													

2014 Budget 27. Corn, SmartStax, RIB Complete, Continuous, 240 bu Yield Goal (225 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 13 Acre-inches

				Fuel @	Rep	airs	Own	ership		
	Field Operations	Times	Labor @	\$3.50	Day	T	Day	I	Tot-1	Your
1	Field Operations	or Qty	\$20/Hr	and Lube	Power	Imp.	Power	Imp.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
5	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10	
6	Row Crop Cultivation	0.25	0.45	0.28	0.12	0.17	0.63	0.62	2.27	
7	Spray	Custom								
8	Spray	Custom								
9	PivotD 125' Lift w/Fertigation	13 ai	12.04	97.09	4.25	19.48	6.15	11.65	150.66	
.0	Combine Irrigated Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	
l 1	Cart	225 bu	1.46	1.86	0.36	0.21	1.84	6.13	11.86	
2	Truck	Custom								
13	Dry Grain	Custom								
4	Chop Stalks	1	1.78	1.87	0.16	0.33	3.49	1.63	9.26	
	Total for Field Operations		\$28.17	\$115.50	\$12.94	\$28.71	\$36.11	\$32.60	\$254.03	
_					D (Appli	cation	I	I	
				05	Percent	Арри	cation	A = = 1: - 1		V
	Materials and Services			Operation Index	Acres	Rate	Unit	Applied Price	Total	Your Estimate
	Balance Flexx	Herbicio	10	3 3	Applied 100%	Kate 4		5.50	22.00	Estimate
	Bicep II Magnum	Herbicio		3	100%	2.1	ounces	13.25	27.83	
	Corn SmartStax RIB Complete	Seed	16				quarts	275.00	112.75	
	10-34-0	Fertilize		4	100% 100%	0.41	bag	2.55	15.30	
	32-0-0 (Applied by R2)	Fertilize		9	100%	205	gallons lb N		112.75	
		Custom		7	100%			0.55		
	Spray Price do 2EC	Insectic		7		1 5 12	acre	6.00	0.60	
	Brigade 2EC		ide		10%	5.12	ounces	1.09	0.56	
	Spray	Custom	1.	8	40%	1	acre	6.00	2.40	
	Headline AMP	Fungicio		8	40%	10	ounces	2.34	9.38	
	Haul Grain bu	Custom		12	100%	225	bushels	0.12	27.00	
	Dry, 2 Points Removed	Custom		13	100%	225	bushels	0.12	27.00	
	Scouting Irrigated Corn	Scouting		-	100%		acre	10.00	10.00	
	Corn Irrigated	Crop In		1	100%	1 5	acre	9.69	9.69	
_	Total Materials and Service	es	31,200 s	eeds per acro	e, 80,000 p	ber bag, 5	% reruge		\$377.26	
	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$631.29	
	Interest on Opera					% for 6 m	onthe		15.47	
	Total Operating and Use-R				130 6 3.30	70 101 0 11	10111113		\$646.76	
-	Total Operating and Ose-N	ciated O	wiicisiiip						φ040.70	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	Real Estate Opportunity	Pivot (S	tate)	\$ 7,590 pe	r acre @ 4	.00%			303.60	
	Real Estate Taxes	, i		\$ 7,590 pe					75.90	
	Total Cost per Acre Includi	ng Overl	nead						\$1,046.26	
	Cost per Bushel	<i>O</i>							\$ 4.65	
	Cash Cost per Bushel								\$ 2.91	

2014 Budget 28. Corn, No-Till, Bt ECB, after beans, 240 bu Yield Goal (225 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 9 Acre-inches

1 2 3 3 4 5 6 7 8 8	Field Operations Spray Plant No-Till	Times or Qty	Labor @ \$20/Hr	\$3.50						Your
1 2 3 3 4 5 6 7 8 8	Spray Plant No-Till		\$20/Hr	1 T1	l					1000
2 3 4 5 6 7 8	Plant No-Till			and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
3 4 5 6 7 8		1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4 5 6 7 8		1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
4 5 6 7 8	PivotD 125' Lift w/Fertiga-	9 ai	8.33	67.22	2.94	13.49	4.26	8.07	104.31	
5 6 7 8	tion									
6 7 8	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
7 8	Spray	Custom								
8	Spray	Custom								
\rightarrow	Combine Irrigated Corn	1	3.14	6.04	6.25	1.40	9.61	4.24	30.68	ı
9	Cart	225 bu	0.14	0.18	0.04	0.02	0.18	0.60	1.16	
	Truck	Custom								
10	Dry Grain	Custom								
	Total for Field Operations		\$15.97	\$75.99	\$10.31	\$19.89	\$19.56	\$17.46	\$159.18	
T					Percent	Appli	cation			
				Operation	Acres	11		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
ı ⊢	Lumax EZ	Herbicio	de	1	100%	2.7	quarts	18.75	50.63	
, F	Gramoxone SL 2.0	Herbicio		1	100%	1.5	pints	4.75	7.13	
, F	NIS	Additive		1	100%	6	ounces	0.10	0.61	
, F	Corn Bt ECB	Seed	<u> </u>	2	80%	0.41	bag	195.00	63.96	
, F	Corn	Seed		2	20%	0.41	bag	170.00	13.94	
, F	10-34-0	Fertilize	r	2	100%	6	gallons	2.55	15.30	
ı F	32-0-0 (Applied by R2)	Fertilize		3	100%	160	lb N	0.55	88.00	
,	Laudis	Herbicio		4	50%	3	ounces	5.70	8.55	
	Atrazine 90 DF	Herbicio		4	50%	3	pounds	3.25	4.88	
	* Crop Oil Concentrate	Additive		4	50%	0.5	pint	1.20	0.30	
	* 32-0-0 (Q)	Fertilize		4	50%	1.5	quarts	0.49	0.37	
_	* Spray	Custom		5	30%	1	acre	6.00	1.80	
	Brigade 2EC	Insectic	ide	5	10%	5.12	ounces	1.09	0.56	
	Mustang Max EC	Insectic		5	20%	2	ounces	1.95	0.78	
	Spray	Custom		6	25%	1	acre	6.00	1.50	
	Headline AMP	Fungicio	le	6	25%	10	ounces	2.34	5.86	
ı ⊢	Haul Grain bu	Custom		9	100%	225	bushels	0.12	27.00	
	Dry, 2 Points Removed	Custom		10	50%	225	bushels	0.12	13.50	
,	Scouting Irrigated Corn	Scouting		_	100%	1	acre	10.00	10.00	
,	Corn Irrigated	Crop In			100%	1	acre	9.69	9.69	
,	Total Materials and Service			ls per acre, 8		bag, 20%			\$324.36	
	*Insecticide for 1st brood Europea							ectively.		
T	Total Listed Control for F' 11	Om served'	114		Comein				¢402.54	
,	Total Listed Costs for Field					0/ 6 -	1		\$483.54	
-	Interest on Opera				ise @ 5.50	% for 6 m	nonths		12.28	
	Total Operating and Use-R	elated O	wnership (Costs					\$495.82	
П	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
, F	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per	acre @ 4.	00%			303.60	
'	Real Estate Taxes	. (0		\$7,590 per					75.90	
\	Total Cost per Acre Includi	ng Overl	nead	I					\$895.32	
\ -	Coorportion include	-5 5 , 411							\$ 3.98	
 - -	Cost per Bushel								φ <i>ე.</i> , σο ι	

2014 Budget 29. Corn Silage, No-Till following corn (26 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 12 Acre-inches

		l		Fuel @	Rep	pairs	Own	ership		
	Field Operations	Times	Labor @	\$3.50	Dannam	Luck	Dannam	Luck	Total	Your
_	Field Operations	or Qty	\$20/Hr	and Lube	Power	Imp.	Power	Imp.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Spread Manure	Custom	2.50	2.01	0.22	0.72	5 06	2.05	14.60	
3	Apply Anhydrous	1	2.59	3.01	0.23	0.73	5.06	3.07	14.69	
4	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
5	Spray	Custom								
6	PivotD 125' Lift	12 ai	8.33	89.62	3.92	17.98	5.68	10.76	136.29	
7	Aerial Spray	Custom								
8	Chop Silage	Custom								
	Total for Field Operations		\$14.91	\$95.00	\$5.14	\$23.32	\$15.79	\$17.73	\$171.89	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	2,4-D Ester 4#	Herbicio		1	100%	1 pint	pint	2.81	2.81	
	Uncomposted Manure	Fertilize		2	100%	20 ton	tons	1.00	20.00	
	Haul and Apply Manure	Custom		2	100%	20 ton	tons	6.00	120.00	
	Bicep II Magnum	Herbicio	de	4	100%	1.4	quarts	13.25	18.55	
	Corn	Seed		4	100%	0.43	bag	170.00	73.10	
	Capture LFR	Insectic	ide	4	100%	6.6	ounces	2.73	18.05	
	* Spray	Custom		5	50%	1	acre	6.00	3.00	
	* Status	Herbicio	de	5	50%	5	ounces	3.60	9.00	
	* NIS	Additive	2	5	50%	6	ounces	0.10	0.30	
	* 32-0-0 (Q)	Fertilize	r	5	50%	1	quart	0.49	0.24	
	* Aerial Spray	Custom		7	15%	1	acre	8.00	1.20	
	* Brigade 2EC	Insectic	ide	7	10%	2.5	ounces	1.09	0.27	
	* Mustang Max EC	Insectic	ide	7	5%	2	ounces	1.95	0.20	
	Chop, Haul, Pack	Custom		8	100%	25	tons	8.00	200.00	
	Scouting Irrigated Corn	Scouting	g	-	100%	1	acre	10.00	10.00	
	Corn Irrigated	Crop In	surance	_	100%	1	acre	9.69	9.69	
	Total Materials and Service	es 3	34,400 seed	ls per acre, 8	0,000 per	bag			\$486.41	
	*Insecticide for rootworm, 1st and	d 2nd brood	European co	rn borer wester	n bean cutw	vorm, respec	ctively			
	Total Listed Costs for Field	d Operation	ons and M	aterials and	Services				\$658.30	
	Interest on Oper					% for 6 m	nonths		17.18	
	Total Operating and Use-I								\$675.48	
	Overhead (assessment 1:-1	silitar in acc	man aa1	ala cost aff	CO 03777 047 -	2)			20.00	
	Overhead (accounting, lial	 								
	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per					303.60	
	Real Estate Taxes		1	\$7,590 per	acre @ 1.	00%			75.90	
	Total Cost per Acre Includ	ıng Overl	nead						\$1,074.98	
	Cost per Ton								\$ 41.35	
	Cash Cost per Ton								\$ 27.61	

2014 Budget 30. Dry Beans, Reduced Till with Wheat Cover Crop after Harvest (25 cwt Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 8 Acre-inches

				Fuel @	Rep	airs	Own	ership		**
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
								-	-	LSIIIIIII
\dashv	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
2	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
Į	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
5	PivotE 125' Lift	8 ai	5.56	21.24	2.23	11.99	4.04	7.17	52.23	
,	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
,	Aerial Spray	Custom								
3	Aerial Spray	Custom								
,	Pickett Windrowers	1	2.75	3.06	0.68	0.67	3.48	2.76	13.40	
۲	Combine Irrigated Dry									
)	Beans	1	4.40	8.45	8.74	0.33	13.45	7.43	42.80	
1	Truck	Custom								
2	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28	
٦	Total for Field Operations		\$23.85	\$43.02	\$13.86	\$26.50	\$37.47	\$26.45	\$171.15	
			7=2100	7 1	7	7=315 5	44.11	7==	7 - 7 - 7 - 7	
٦					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimat
	Outlook	Herbicio		3	100%	14	ounces	1.09	15.31	
	Prowl H2O	Herbicio	de	3	100%	2	pints	6.13	12.25	
	Edible Beans	Seed		4	100%	0.5	acre	55.20	27.60	
	10-34-0-1Z	Fertilize		4	100%	7	gallons	2.60	18.20	
	32-0-0 Electricity Fixed	Fertilize Other	r	<u>4</u> 5	100% 100%	7	lb N acre	0.55 28.00	3.85 28.00	
	Basagran	Herbicio	le le	6	60%	1	pint	15.00	9.00	
	Raptor	Herbicio		6	60%	4	ounces	4.53	10.88	
	NIS	Additive		6	60%	5	ounces	0.10	0.30	
	32-0-0 (Q)	Fertilize	r	6	60%	2	quarts	0.49	0.59	
	* Aerial Spray	Custom		7	60%	1	acre	8.00	4.80	
	* Warrior II/Zeon	Insectic		7	60%	1.92	ounces	3.91	4.50	
	Aerial Spray	Custom		8	100%	1	acre	8.00	8.00	
	Copper	Fungicio	_	8	100%	2	pints	4.50	9.00	
	Headline AMP Haul Grain (Dry Beans)	Fungicio Custom		8	100%	10 25	ounces cwt	0.28	7.00	
	Wheat (certified and treated)	Seed		12	100%	30	pounds	0.28	11.10	
	Scouting Drybeans	Scouting	g	-	100%	1	acre	12.00	12.00	
	Drybeans	Crop In		_	100%	1	acre	27.95	27.95	
	Total Materials and Service	es	Electric	al connectio	n fee 6 m	onths @\$	572/mo 13	33 acres	\$233.77	
	*Insecticide for Mexican bean beet	tle and west	ern bean cuty	worm (10%).						
	Total Listed Costs for Field	Operati	one and M	aterials and	Services				\$404.92	
	Interest on Opera					% for 6 m	onthe		9.38	
	Total Operating and Use-R				e J.JU	/U 101 U II	10111113		\$414.30	
_	Total Operating and Use-R	ciated O	whership (Cusis					φ414.30	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offic	ce expens	e)			20.00	
	Real Estate Opportunity		anhandle)	\$3,115 per					124.60	
	Real Estate Opportunity	1 1v0t (Pa	amanuic)	\$3,115 per						
		 1		φ5,115 per	acie @ 1.	0070			31.15	
	Total Cost per Acre Includi	ing Overl	iead						\$590.05	
	Cost per cwt								\$ 23.60	
	Cash Cost per cwt								\$ 15.26	

2014 Budget 31. Dry Beans, Conventional Tillage (25 cwt Actual Yield) Canal Irrigated, Gravity, 10 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
		Times	Labor @	\$3.50						Your
_	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Chop Stalks	1	1.78	1.87	0.16	0.33	3.49	1.63	9.26	
2	Disc	2	4.03	6.12	0.36	2.19	7.88	2.13	22.71	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Plow	1	5.00	5.53	0.50	2.49	10.75	0.54	24.81	
5	Roller Harrow	1	2.50	2.52	0.68	0.66	3.48	1.56	11.40	
6	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
7	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
8	Spray	0.6	0.44	0.21	0.11	0.45	0.56	0.78	2.55	
9	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10	
0	Hill/Ditch	1	3.38	3.30	0.84	0.51	4.28	0.59	12.90	
1	Ditch Irrigation	ai								
2	Aerial Spray	Custom								
3	Aerial Spray	Custom								
4	1 /	1	2.75	3.06	0.68	0.67	3.48	2.76	13.40	
5		1	4.40	8.45	8.74	0.33	13.45	7.43	42.80	
6	,	Custom	1,10	0.13	0.71	0.55	13,13	7.13	12,00	
.7	Chisel	1	1.98	3.00	0.18	1.15	3.88	6.24	16.43	
_	Total for Field Operations	1 1	\$33.54	\$39.36	\$13.87	\$14.80	\$61.70	\$30.93	\$194.20	
-	Total for Field Operations		Ψ33.34	ψ37.30	Ψ13.07	ψ14.00	ψ01.70	Ψ30.73	Ψ174.20	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Outlook	Herbici	de	3	100%	14	ounces	1.09	15.31	
	Prowl H,O	Herbici	de	3	100%	2	pints	6.13	12.25	
	Edible Beans	Seed		7	100%	0.55	acre	55.20	30.36	
	10-34-0-1Z	Fertilize	r	7	100%	7	gallons	2.60	18.20	
	32-0-0	Fertilize	r	7	100%	7	lb N	0.55	3.85	
	Raptor	Herbici		8	60%	4	ounces	4.53	10.88	
	Basagran	Herbici		8	60%	1	pint	15.00	9.00	
	NIS	Additive		8	60%	5	ounces	0.10	0.30	
	32-0-0 (Q)	Fertilize		8	60%	2	quarts	0.49	0.59	
	* Aerial Spray	Custom		12	60%	1	acre	8.00	4.80	
	* Asana XL	Insection		12	60%	4.5	ounces	0.86	2.32 8.00	
	Aerial Spray	Custom Fungicio		13 13	100% 100%	1 2	acre	8.00 4.50	9.00	
	Copper Headline AMP	Fungici		13	100%	10	pints ounces	2.34	23.44	
	Haul Grain (Dry Beans)	Custom		16	100%	25	cwt	0.28	7.00	
ļ	Irrigation District O&M Charge	Other		11	100%	1	acre	30.00	30.00	
	ITTIGATION DISTRICT OCKNI CHAPE				/ 0					
			g	_	100%	1	acre	12.00	12.00	
	Scouting Drybeans Drybeans	Scouting Crop In			100% 100%	1	acre acre	12.00 27.95	12.00 27.95	
	Scouting Drybeans	Scouting Crop In		-						
	Scouting Drybeans Drybeans	Scouting Crop In	surance	-					27.95	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western	Scouting Crop In es a bean cutw	surance	-	100%				27.95 \$225.25	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field	Scouting Crop In es a bean cutw	orm ons and M	- - aterials and	100% Services	1	acre		27.95 \$225.25 \$419.45	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field Interest on Opera	Scouting Crop In es a bean cutwo	orm ons and M ital \$326.8	aterials and 2 cash expen	100% Services	1	acre		27.95 \$225.25 \$419.45 8.99	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field	Scouting Crop In es a bean cutwo	orm ons and M ital \$326.8	aterials and 2 cash expen	100% Services	1	acre		27.95 \$225.25 \$419.45	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field Interest on Opera Total Operating and Use-F	Scouting Crop In es in bean cutwo Coperation Caperation Caperated Order	orm ons and M ital \$326.8. wnership (aterials and 2 cash expen	100% Services se @ 5.50	1 % for 6 n	acre		27.95 \$225.25 \$419.45 8.99 \$428.44	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field Interest on Opera Total Operating and Use-R Overhead (accounting, liab	Scouting Crop In the ses in bean cutwo in the ses in th	orm ons and M ital \$326.8 wnership (aterials and 2 cash expended costs	Services use @ 5.50	1 % for 6 m	acre		27.95 \$225.25 \$419.45 8.99 \$428.44 20.00	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field Interest on Opera Total Operating and Use-F Overhead (accounting, liab Real Estate Opportunity	Scouting Crop In the ses in bean cutwo in the ses in th	orm ons and M ital \$326.8. wnership (aterials and 2 cash expen Costs cle cost, offi \$2,875 per	Services se @ 5.50 ce expensacre @ 4.0	1 % for 6 m	acre		27.95 \$225.25 \$419.45 8.99 \$428.44 20.00 115.00	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field Interest on Opera Total Operating and Use-F Overhead (accounting, liable Real Estate Opportunity Real Estate Taxes	Scouting Crop In the search of	orm ons and M ital \$326.8 wnership (rance, vehi Panhandle)	aterials and 2 cash expended costs	Services se @ 5.50 ce expensacre @ 4.0	1 % for 6 m	acre		27.95 \$225.25 \$419.45 8.99 \$428.44 20.00 115.00 28.75	
	Scouting Drybeans Drybeans Total Materials and Service * Mexican bean beetle and western Total Listed Costs for Field Interest on Opera Total Operating and Use-F Overhead (accounting, liab Real Estate Opportunity	Scouting Crop In the search of	orm ons and M ital \$326.8 wnership (rance, vehi Panhandle)	aterials and 2 cash expen Costs cle cost, offi \$2,875 per	Services se @ 5.50 ce expensacre @ 4.0	1 % for 6 m	acre		27.95 \$225.25 \$419.45 8.99 \$428.44 20.00 115.00	

2014 Budget 32. Dry Beans, Conventional Tillage Using Pumped Water (25 cwt Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 7 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50	1					Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	2	4.03	6.12	0.36	2.19	7.88	2.13	22.71	
2	Chisel	1	1.98	3.00	0.18	1.15	3.88	6.24	16.43	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
5	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
6	Spray	0.6	0.44	0.21	0.11	0.45	0.56	0.78	2.55	
7	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10	
8	PivotE 125' Lift	7 ai	4.86	18.58	1.95	10.49	3.53	6.27	45.68	
9	Aerial Spray	Custom								
10	Aerial Spray	Custom								
11	Pickett Windrowers	1	2.75	3.06	0.68	0.67	3.48	2.76	13.40	
12	Combine Irrigated Dry Beans	1	4.40	8.45	8.74	0.33	13.45	7.43	42.80	
13	Truck	Custom								
	Total for Field Operations		\$25.74	\$44.72	\$13.64	\$21.30	\$43.23	\$32.88	\$181.51	
		I			Domosest	Appli	cation			
				Operation	Percent Acres	Арри	l	Applied		Your
	Materials and Services			Index	Acres Applied	Rate	Unit	Price	Total	Estimate
	Outlook	Herbicio	10	3	100%	14	ounces	1.09	15.31	Limite
	Prowl H ₂ O	Herbicio		3	100%	2	pints	6.13	12.25	
	Edible Beans	Seed	ac .	5	100%	0.55	acre	55.20	30.36	
	10-34-0-1Z	Fertilize	r	5	100%	7	gallons	2.60	18.20	
	32-0-0	Fertilize		5	100%	7	lb N	0.55	3.85	
	Raptor	Herbicio		6	60%	4	ounces	4.53	10.88	
	Basagran	Herbicio		6	60%	1	pint	15.00	9.00	
	NIS	Additive		6	60%	5	ounces	0.10	0.30	
	32-0-0 (Q)	Fertilize		6	60%	2	quarts	0.49	0.59	
	Electricity Fixed	Other		8	100%	1	acre	28.00	28.00	
	Aerial Spray	Custom		9	60%	1	acre	8.00	4.80	
	Asana XL	Insectic		9	60%	4.5	ounces	0.86	2.32	
	Aerial Spray	Custom		10	100%	1	acre	8.00	8.00	
	Copper	Fungicio		10	100%	2	pints	4.50	9.00	
	Headline AMP	Fungicio		10	100%	10	ounces	2.34	23.44	
	Haul Grain (Dry Beans)	Custom		13	100%	25	cwt	0.28	7.00	
	Scouting Drybeans	Scouting	g	-	100%	1	acre	12.00	12.00	
	Drybeans	Crop In		-	100%	1	acre	27.95	27.95	
	Total Materials and Service	es							\$223.25	
	Total Listed Costs for Field								\$ 404.76	
	Interest on Opera				ise @ 5.50	% for 6 m	nonths		9.04	
	Total Operating and Use-R	Related O	wnership (Costs					\$413.80	
	Overhead (accounting 1:-1-	ility in ar-	ranca real:	cla cost off	CO 03772 277 -	2)			20.00	
	Overhead (accounting, liab								20.00	
	Real Estate Opportunity	Pivot (Pa	nhandle)	\$5,835 per					124.60	
	Real Estate Taxes			\$5,835 per	acre @ 1.0	JU%			31.15	
	Total Cost per Acre Includ	ing Overl	nead						\$589.55	
	Cost per cwt								\$ 23.58	
	Cash Cost per cwt								\$ 14.75	

2014 Budget 33. Grain Sorghum, Conventional Tillage, 105 bu Yield Goal (95 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
	E:-11 Obti	Times	Labor @	\$3.50	D	T6	D	T	T-4-1	Your
<u> </u>	Field Operations	or Qty	\$20/Hr	and Lube	Power	Imp.	Power	Imp.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Apply Anhydrous	1	2.59	3.01	0.23	0.73	5.06	3.07	14.69	
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
4	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
5	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
6	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10	
7	Row Crop Cultivation	0.25	0.45	0.28	0.12	0.17	0.63	0.62	2.27	
8	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
9	Aerial Spray	Custom								
10	Combine Dryland Sorghum	1	3.38	6.50	6.73	0.87	10.35	2.23	30.06	
11	Cart	95 bu	0.61	0.79	0.15	0.09	0.78	2.59	5.01	
12	Truck	Custom								
	Total for Field Operations		\$16.70	\$19.12	\$9.12	\$9.35	\$31.67	\$17.49	\$103.45	
					Percent	Appli	cation			
				Operation	Acres	119911		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	82-0-0	Fertilize	r	2	100%	100	lb N	0.48	48.00	
	10-34-0	Fertilize	r	4	100%	6	gallons	2.55	15.30	
	Lumax EZ	Herbicio	de	4	100%	2.7	quarts	18.75	50.63	
	AAtrex 4L	Herbicio	de	4	100%	0.5	quart	5.00	2.50	
	Sorghum Safened/Insect	Seed		5	100%	4	pounds	2.80	11.20	
	Huskie	Herbicio	de	8	50%	11	ounces	0.91	4.98	
	21-0-0-24S	Additive	2	8	50%	1	pound	0.30	0.15	
	* Aerial Spray	Custom		9	15%	1	acre	8.00	1.20	
	* Lorsban 4E	Insectic	ide	9	15%	1.5	pints	6.88	1.55	
	Haul Grain bu	Custom		12	100%	95	bushels	0.12	11.40	
	Scouting Grain Sorghum	Scouting	g	_	100%	1	acre	8.00	8.00	
	Grain Sorghum Dryland	Crop In		_	100%	1	acre	8.34	8.34	
	Total Materials and Service			1					\$163.25	
	*Treating greenbugs one year in 10		gs one in 20							
	Total Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$266.70	
	Interest on Opera					% for 6 m	nonths		5.98	
	Total Operating and Use-R								\$272.68	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	**Real Estate Opportunity		Southwest)	\$1,071 per					42.84	
	**Real Estate Taxes	· · · · ·		\$1,071 per					10.71	
	Total Cost per Acre Includ	l ing Overl	nead	μ 1,071 pc1					\$346.23	1
	Cost per cwt		1044						\$ 3.64	1
	Cash Cost per cwt								\$ 2.47	
	Casii Cost pei cwt								φ 2.4/	

^{**} Since sorghum is generally planted on less productive land, the real estate cost is reduced to 70% of average value.

2014 Budget 34. Grain Sorghum, No-Till, 125 bu Yield Goal (115 bu Actual Yield) Dryland

Plant No-' Spray Aerial Spray Combine D Cart Truck Total for F Materials a Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gree Total Ope				Fuel @	Rep	airs	Owne	ership		
Spray Spray Fertil Plant No-' Spray Aerial Spray Combine D Cart Truck Total for F Materials a Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gre Total Ope	110	Times	Labor @	\$3.50	n	.	D.	T .	77 . 1	Your
Spray Fertil Plant No- Spray Aerial Spray Combine D Cart Truck Total for F Materials of Glyphosat 2,4-D Este 21-0-0-24 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum of Huskie 21-0-0-24 * Aerial Sp * Lorsban Haul Grain Scouting of Grain Sorg Total Mate *Treating gree Total Ope		or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
Plant No-' Spray Aerial Spray Combine D Cart Truck Total for F Materials a Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gree Total Ope	•	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
Spray Aerial Spray Combine D Cart Truck Total for F Materials a Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gre Total Liste Total Ope	ay Fertilizer and Herbicide	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
Aerial Spra Combine D Cart Truck Total for F Materials a Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum a Huskie 21-0-0-24: * Aerial Spra * Lorsban Haul Grain Scouting C Grain Sorg Total Material Spra *Treating green Total Cope		1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
Combine D Cart Truck Total for F Materials of Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gree Total Liste Total Ope	•	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
Truck Truck Total for F Materials of Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting Of Grain Sorg Total Mate *Treating green Total Liste Total Ope	1 /	Custom								
Truck Total for F Materials of Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum SHuskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting CGrain Sorg Total Material Sp * Total Material Sp * Total Cope Overhead	mbine Dryland Sorghum	1	3.38	6.50	6.73	0.87	10.35	2.23	30.06	
Materials of Glyphosat 2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum SHuskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting CGrain Sorg Total Material Sp * Total Liste Total Ope	rt	115 bu								
Materials of Glyphosat 2,4-D Este 21-0-0-24; 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S + Lorsban Haul Grain Scouting of Grain Sorg Total Materials green Total Liston Total Open Overhead	ick	Custom								
Glyphosat 2,4-D Este 21-0-0-243 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-243 * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gree Total Ope	tal for Field Operations		\$9.37	\$9.55	\$7.96	\$6.23	\$19.05	\$8.46	\$60.62	
Glyphosat 2,4-D Este 21-0-0-243 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-243 * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gree Total Ope					Percent	Appli	cation			
Glyphosat 2,4-D Este 21-0-0-243 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-243 * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gree Total Ope				Operation	Acres			Applied		Your
2,4-D Este 21-0-0-24: 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24: * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gre Total Liste Total Ope	terials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
21-0-0-243 32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum 9 Huskie 21-0-0-243 * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gree Total Ope	phosate w/Surfactant	Herbicio		1	100%	32	ounces	0.11	3.38	
32-0-0 Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24S * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gree Total Ope	-D Ester 4#	Herbicio	de	1	100%	1	pint	2.81	2.81	
Lumax EZ AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24 * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gre Total Liste Total Ope	0-0-24S	Additive	2	1	100%	1.7	pound	0.30	0.51	
AAtrex 4L 10-34-0 Sorghum S Huskie 21-0-0-24S * Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gree Total Ope	0-0	Fertilize	r	2	100%	120	lb N	0.55	66.00	
10-34-0 Sorghum S Huskie 21-0-0-24 * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gree Total Ope	max EZ	Herbicio	de	2	100%	2.7	quars	18.75	50.63	
Sorghum S Huskie 21-0-0-24 * Aerial Sp * Lorsban Haul Grain Scouting G Grain Sorg Total Mate *Treating gree Total Liste Total Ope	trex 4L	Herbicio	de	2	100%	0.5	quart	5.00	2.50	
Huskie 21-0-0-243 * Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gree Total Liste Total Ope	34-0	Fertilize	r	3	100%	6	gallons	2.55	15.30	
* Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gree Total Liste Total Ope	ghum Safened/Insect	Seed		3	100%	4	pounds	2.80	11.20	
* Aerial Sp * Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gre Total Liste Total Ope	skie	Herbicio	de	4	50%	11	ounces	0.91	4.98	
* Lorsban Haul Grain Scouting C Grain Sorg Total Mate *Treating gre Total Liste Total Ope	0-0-24S	Additive	е	4	50%	1	pound	0.30	0.15	
Haul Grain Scouting (Grain Sorg Total Mate *Treating gre Total Liste Total Ope	erial Spray	Custom		5	15%	1	acre	8.00	1.20	
Scouting C Grain Sorg Total Mate *Treating gre Total Liste Total Ope	orsban 4E	Insectic	ide	5	15%	1.5	pints	6.88	1.55	
Grain Sorg Total Mate *Treating gre Total Liste Total Ope	ul Grain bu	Custom		8	100%	115	bushels	0.12	13.80	
Total Mate *Treating gree Total Liste Total Ope Overhead	outing Grain Sorghum	Scouting	g	-	100%	1	acre	8.00	8.00	
*Treating gre Total Liste Total Ope	ain Sorghum Dryland	Crop In	surance	-	100%	1	acre	8.34	8.34	
Total Liste Total Ope	tal Materials and Service	es							\$190.35	
Total Ope	eating greenbugs one year in 10), chinchbuş	gs one in 20							
Total Ope	tal Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$250.97	
Total Ope	Interest on Opera					% for 6 m	nonths		6.15	
	tal Operating and Use-R								\$257.12	
	erhead (accounting, liab	rance, vehi	icle cost, offic	ce expense	2)			20.00		
**Real Est:	Real Estate Opportunity			\$2,107 per					84.28	
	Real Estate Taxes	21/10110	(01410)	\$2,107 per					21.07	
	tal Cost per Acre Includ	ing Overl	nead	1 42,107 PCI		/ .			\$382.47	
	mi occi pei mere incluu	5 7011							\$ 3.33	
Cash Cost	st per Bushel									

^{**} Since sorghum is generally planted on less productive land, the real estate cost is reduced to 70% of average value.

2014 Budget 35. Grain Sorghum, Ecofallow, After Wheat, Two Crops in Three Years, 115 bu Yield Goal (105 bu Actual Yield) Dryland

		<i>m</i> :		Fuel @	Rep	airs	Own	ership		***
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	Limme
2	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
	No-Till Drill	1	2.20			3.05	4.30		16.87	
4 5		0.5	0.37	2.44 0.18	0.20	0.37		4.68	2.12	
5 6	Spray		0.57	0.18	0.09	0.57	0.46	0.65	2.12	
7	Aerial Spray Combine Dryland Sorghum	Custom 1	3.38	6.50	6.73	0.87	10.35	2.23	20.06	
/	•	105 bu	3.38	6.30	0./3	0.87	10.55	2,23	30.06	
8	Cart	_								
9	Truck	Custom	¢0.14	φ10.17	Φ7.F.C	Φ	φ17.00	Φ11 4C	ΦC1 77	
_	Total for Field Operations		\$8.14	\$10.17	\$7.56	\$6.54	\$17.90	\$11.46	\$61.77	
_					Percent	Appli	cation			
				Operation	Acres	11.		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbicio	de	1	100%	32	ounces	0.11	3.38	
	2,4-D Ester 4#	Herbicio	de	1	100%	1	pint	2.81	2.81	
	21-0-0-24S	Additive	<u> </u>	1	100%	2	pounds	0.30	0.60	
	AAtrex 4L	Herbicio	de	2	100%	1	quart	5.00	5.00	
	Gramoxone SL 2.0	Herbicio	de	2	100%	1.5	pints	4.75	7.13	
	32-0-0	Fertilize	r	3	100%	110	lb N	0.55	60.50	
	Lumax EZ	Herbicio	de	3	100%	2.7	quarts	18.75	50.63	
	10-34-0	Fertilize	r	4	100%	6	gallons	2.55	15.30	
	Sorghum Safened/Insect	Seed		4	100%	4	pounds	2.80	11.20	
	Huskie	Herbicio	de	5	50%	11	ounces	0.91	4.98	
	21-0-0-24S	Additive	<u> </u>	5	50%	1	pound	0.30	0.15	
	* Aerial Spray	Custom		6	15%	1	acre	8.00	1.20	
	* Lorsban 4E	Insectic	ide	6	15%	1.5	pint	6.88	1.55	
	Haul Grain bu	Custom		9	100%	105	bushels	0.12	12.60	
	Scouting Grain Sorghum	Scouting	<u> </u>	_	100%	1	acre	8.00	8.00	
	Grain Sorghum Dryland	Crop In		_	100%	1	acre	8.34	8.34	
	Total Materials and Service	_	Surunce		10070		uere	0.51	\$193.37	
	*Treating greenbugs one year in 10		s one in 20						ψ1/3.37	
	Total Listed Costs for Field	l Om amatic	and M	atamiala am d	Compiano				¢255 14	
	Total Listed Costs for Field					00/ f C			\$255.14	
	Interest on Opera				ise @ 5.50)% for 6	months		6.21	
	Total Operating and Use-F	kelated Ov	wnersnip (Losts					\$261.35	
	Overhead (accounting, liab	oility insu	ance, vehi	cle cost, offic	ce expense	2)			20.00	
	**Real Estate Opportunity	Dryland	(State)	\$2,107 per	acre @ 4.0	00%			84.28	
	**Real Estate Taxes			\$2,107 per	acre @ 1.0	00%			21.07	
	Total Cost per Acre Includ	ing Overh	ead						\$386.70	
	Cost per Bushel								\$ 3.68	
	Cash Cost per Bushel								\$ 2.41	

^{**} Since sorghum is generally planted on less productive land, the real estate cost is reduced to 70% of average value.

2014 Budget 36. Grain Sorghum, No-till, Limited Irrigation, 165 bu Yield Goal (150 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 6 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
	F: 110	Times	Labor @	\$3.50		,			T . 1	Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Apply Anhydrous	1	2.59	3.01	0.23	0.73	5.06	3.07	14.69	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
5	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
6	Aerial Spray	Custom								
7	PivotD 125' Lift	6 ai	4.17	44.81	1.96	8.99	2.84	5.38	68.15	
8	Combine Irrigated Sorghum	1	3.38	6.50	6.73	0.87	10.35	2.23	30.06	
9	Cart	150 bu	0.97	1.24	0.24	0.14	1.23	4.09	7.91	
10	Truck	Custom								
	Total for Field Operations		\$16.20	\$58.07	\$10.42	\$16.46	\$25.92	\$20.62	\$147.69	
_					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbici		1	100%	32	ounces	0.11	3.38	
	2,4-D Ester 4#	Herbici	de	1	100%	1	pint	2.81	2.81	
	21-0-0-24S	Additive		1	100%	2	pounds	0.30	0.60	
	82-0-0	Fertilize		2	100%	150	lb N	0.48	72.00	
	Lumax EZ	Herbici		3	100%	2.7	quarts	18.75	50.63	
	AAtrex 4L	Herbici	de	3	100%	0.5	quart	5.00	2.50	
	10-34-0	Fertilize	er	4	100%	6	gallons	2.55	15.30	
	Sorghum Safened/Insect	Seed		4	100%	4	pounds	2.80	11.20	
	Huskie	Herbici	de	5	50%	11	ounces	0.91	4.98	
	21-0-0-24S	Additive	e	5	50%	1	pound	0.30	0.15	
	* Aerial Spray	Custom	Į.	6	15%	1	acre	8.00	1.20	
	* Lorsban 4E	Insectic	ide	6	15%	1.5	pints	6.88	1.55	
	Haul Grain bu	Custom	Į.	10	100%	150	bushels	0.12	18.00	
	Scouting Grain Sorghum	Scoutin	g	_	100%	1	acre	8.00	8.00	
	Grain Sorghum Irrigated	Crop In	surance	_	100%	1	acre	9.27	9.27	
	Total Materials and Service								\$201.57	
	*Treating greenbugs one year in 10), chinchbuş	gs one in 20							
	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$349.26	
	Interest on Opera	-				% for 6 m	onths		8.32	
	Total Operating and Use-R	0 1		1		,0101 011	.011110		\$357.58	
			Т						7777.00	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offic	ce expense	e)			20.00	
	**Real Estate Opportunity	Pivot (S		\$5,313 per					212.52	
	**Real Estate Taxes	1 - 1 - 0 - 0		\$5,313 per					53.13	
	Total Cost per Acre Includ	ing Overl	nead	1 +- ,- 10 PC	1.				\$643.23	
	Cost per Bushel	-0 - , •11							\$ 4.29	
	Cash Cost per Bushel								\$ 2.43	

^{**} Since sorghum is generally planted on less productive land, the real estate cost is reduced to 70% of average value.

2014 Budget 37. Grass, Fall Establishment Pivot Irrigated, 800 GMP 35 PSI, 2 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
3	Roll	1	2.22	2.44	0.61	0.02	3.09	0.27	8.65	
4	Grass Drill	1	3.67	2.88	0.91	8.40	4.64	6.39	26.89	
5	PivotD 125' Lift	2 ai	1.39	14.94	0.65	3.00	0.95	1.79	22.72	
6	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
	Total for Field Operations		\$12.34	\$26.74	\$2.91	\$13.26	\$17.68	\$10.42	\$83.35	
						_				1
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Grass Seed	Seed		4	100%	1	acre	60.00	60.00	
	Grass Drill	Rental		4	100%	1	acre	10.00	10.00	
	11-52-0	Fertilize	r	6	100%	60	pounds	0.30	18.00	
	Total Materials and Service	es							\$88.00	
	m . 171 . 10	0 "	12.6		0 :				A151.05	ı
	Total Listed Costs for Field								\$171.35	
	Interest on Opera				se @ 5.50 ⁹	% for 6 m	onths		3.94	
	Total Operating and Use-R	elated O	wnership (Costs					\$175.29	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offic	ce expense	2)			20.00	
	Real Estate Opportunity	<u>, </u>	<u> </u>		•	•				
	Real Estate Taxes									
	Total Cost per Acre Includi	ng Overl	nead						\$195.29	

^{*}No land charges are assessed to a crop being established in the fall as it is assumed land charges were assessed against another crop grown that year.

2014 Budget 38. Grass Hay, Large Round (2.2 ton Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
2	Swath/Condition Hay	1	2.50	2.52	1.73		2.73		9.48	
3	Lg Rd Bale	2.2 ton	3.63	1.91	0.90	1.61	4.60	1.89	14.54	
4	Move Lg Rd	2.2 ton	4.00	2.92	0.99		5.05	0.97	13.93	
	Total for Field Operations		\$11.70	\$8.57	\$4.05	\$1.61	\$14.57	\$2.86	\$43.36	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	46-0-0	Fertilize	r	1	100%	40	lb N	0.52	20.80	
	11-52-0	Fertilize	r	1	100%	15	pounds	0.30	4.50	
	Twine Lg Rd	Other		3	100%	2.2	tons	0.99	2.18	
	Total Materials and Service	es							\$27.48	
	m . 171 . 10		126						+= 0.0.4	
	Total Listed Costs for Field								\$70.84	
	Interest on Opera				e @ 5.50%	for 6 m	onths		1.47	
	Total Operating and Use-R	elated O	wnership (Costs					\$72.31	
	Overhead (accounting, liab	ility insu	rance vehi	cle cost, offi	ce expense	a)			20.00	
	Real Estate Opportunity	Dryland		\$3,010 per					120.40	
	Real Estate Taxes	21/14114	(01410)	\$3,010 per					30.10	
	Total Cost per Acre Includi	ng Overl	nead	. 1					\$242.81	
	Cost per Ton								\$110.37	
	Cash Cost per Ton								\$ 38.63	

2014 Budget 39. Millet, Stubble Mulch Fallow, followed by Wheat, Two Crops in Three Years, 22 cwt Yield Goal (22 cwt Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
	Field Operations	Times or Qty	Labor @ \$20/Hr	\$3.50 and Lube	Power	Ітр.	Power	Ітр.	Total	Your Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Fallow Master	1	1.47	2.31	0.13	0.41	2.87	0.89	8.08	
3	Rod Weeder	1	1.52	1.63	0.15	0.10	3.26	0.44	7.10	
4	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
5	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28	
5	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
7	Windrow Grain	1	2.50	1.65	1.73		2.73		8.61	
8	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
9	Truck	Custom								
	Total for Field Operations		\$14.65	\$15.49	\$9.50	\$9.44	\$27.23	\$9.76	\$86.07	
_		T			Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbicio	de	1	100%	32	ounces	0.11	3.38	
	2,4-D Ester 4#	Herbicio		1	100%	1.5	pints	2.81	4.22	
	21-0-0-24S	Additive	2	1	100%	1.7	pounds	0.30	0.51	
	28-0-0	Fertilize	r	4	100%	45	lb N	0.57	25.50	
	Millet	Seed		5	100%	12	pounds	0.60	7.20	
	2,4-D Amine	Herbicio	de	6	100%	0.75	pint	2.06	1.55	
	Dicamba	Herbicio	de	6	100%	0.5	ounce	0.47	0.23	
	Haul Grain (Millet)	Custom		9	100%	22	cwt	0.24	5.28	
	Millet	Crop In	surance	_	100%	1	acre	14.54	14.54	
	Total Materials and Service	es							\$62.41	
	Total Listed Costs for Field	Operatio	ns and Ma	terials and	Services				\$148.48	
	Interest on Opera	ting Capit	al \$111.49	cash expens	se @ 5.50%	o for 6 m	onths		3.07	
	Total Operating and Use-R	elated Ow	nership C	Costs					\$151.55	
	Overhead (accounting, liab	ility insur	ance, vehic	ele cost, offic	e expense)			20.00	
	*Real Estate Opportunity	Dryland		\$3,010 per					120.40	
	*Real Estate Taxes	<u> </u>	. ,	\$3,010 per					30.10	
	Total Cost per Acre Includi	ng Overh	ead						\$322.05	
	Cost per cwt								\$ 14.64	
	Cash Cost per cwt								\$ 6.58	

2014 Budget 40. Millet, No-Till (22 cwt Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
	71.11.0	Times	Labor @	\$3.50	_		_		1	Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
3	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
4	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
5	Windrow Grain	1	2.50	1.65	1.73		2.73		8.61	
6	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
7	Truck	Custom								
	Total for Field Operations		\$10.93	\$11.31	\$8.69	\$5.67	\$21.69	\$11.19	\$69.48	
		Τ		Π	Percent	Appli	cation	Г		
				Operation	Acres	1777		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbicio	de	1	100%	36	ounces	0.11	3.80	
	21-0-0-24S	Additive	2	1	100%	1.7	pounds	0.30	0.51	
	28-0-0	Fertilize	r	2	100%	45	lb N	0.57	25.50	
	Glyphosate w/Surfactant	Herbicio	de	2	100%	20	ounces	0.11	2.11	
	Vida	Herbicio	de	2	100%	2	ounces	1.88	3.75	
	Millet	Seed		3	100%	12	pounds	0.60	7.20	
	2,4-D Amine	Herbicio	de	4	100%	0.75	pint	2.06	1.55	
	Dicamba	Herbicio	de	4	100%	0.5	ounce	0.47	0.23	
	Haul Grain (Millet)	Custom		7	100%	22	cwt	0.24	5.28	
	Millet	Crop In	surance	_	100%	1	acre	14.54	14.54	
	Total Materials and Service	es							\$ 64.47	
	m . 1 10 6 . 7: 1:	10	13.5	1 1	0 .				φ122.05	
	Total Listed Costs for Field					0/ 6 -	.1		\$133.95	
	Interest on Opera				ise @ 5.50	% for 6 m	nonths		2.78	
	Total Operating and Use-F	Related O	wnership (Costs					\$136.73	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity		Panhandle)	\$700 per ac	-	-			28.00	
	Real Estate Taxes			\$700 per ac	cre @ 1.00	%			7.00	
	Total Cost per Acre Includ	ing Overl	nead						\$191.73	
	Cost per cwt								\$ 8.72	
	Cash Cost per cwt								\$ 4.72	

2014 Budget 41. Oats, No-Till, 90 bu Yield Goal (85 bushel Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50	_	_	_	_		Your
4	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
2	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
5	Truck	Custom								
	Total for Field Operations	1	\$7.70	\$9.31	\$6.78	\$4.92	\$18.03	\$9.89	\$56.63	
٦		T			Percent	Appli	cation			
				Operation	Acres			Applied		Your
l	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	28-0-0	Fertilize	r	1	100%	100	lb N	0.57	56.67	
	Oats	Seed		2	100%	2	bushels	9.00	18.00	
	10-34-0	Fertilize	r	2	100%	6	gallons	2.55	15.30	
	Aim 2EC	Herbici	de	3	100%	0.5	ounces	7.50	3.75	
	2,4-D Ester 4#	Herbici	de	3	100%	0.5	pint	2.81	1.41	
	NIS	Additive	2	3	100%	6	ounces	0.10	0.61	
Ì	Haul Grain bu	Custom		5	100%	85	bushels	0.12	10.20	
	Oats	Crop In	surance	-	100%	1	acre	7.90	7.90	
	Total Materials and Service	es							\$113.84	
Т	Total Listed Costs for Fiel	d Operati	ons and M	aterials and	Services				\$170.47	
Ì	Interest on Oper					% for 6 n	nonths		3.92	
1	Total Operating and Use-								\$174.39	
$\overline{}$	Overhead (accounting, lia	hility ineu	rance vehi	cle cost offi	ce evnense	2)			20.00	
ŀ	Real Estate Opportunity	Dryland		\$3,010 per					120.40	
ŀ	Real Estate Opportunity Real Estate Taxes	Diylaile	(Giate)	\$3,010 per					30.10	
ŀ	Total Cost per Acre Includ	ing Overl	nead	ψυ,υτυ per	acre & 1.0	/0 /0			\$344.89	
ł	Cost per Bushel	ing Overi	ıcau						\$ 4.06	
l	Cash Cost per Bushel								\$ 2.08	

2014 Budget 42. Pasture, Grazing (11 AUM Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 18 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	PivotD 125' Lift	18 ai	12.50	134.44	5.88	26.98	8.51	16.14	204.45	
	Total for Field Operations		\$12.50	\$134.44	\$5.88	\$26.98	\$8.51	\$16.14	\$204.45	
						A 1º				
					Percent	Арри	cation	A 1' 1		7.7
	Materials and Services			Operation	Acres	D -4-	T.T:4	Applied	Total	Your Estimate
		- · · · ·		Index	Applied	Rate	Unit	Price		Estimate
	28-0-0	Fertilize	r	1	100%	220	lb N	0.57	124.67	
	Fence/water repairs	Other		-	100%	1	acre	2.00	2.00	
	Fence/water repairs	Other		_	100%	1	acre	2.00	2.00	
	Move Cattle	Other		_	100%	1	acre	12.00	12.00	
	Total Materials and Servic	es							\$140.67	
	Total Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$345.12	
	Interest on Opera	ating Cap	ital \$320.4	7 cash expen	se @ 5.50	% for 6 m	nonths		8.81	
	Total Operating and Use-F	Related O	wnership (Costs					\$353.93	
	Overhead (accounting, liab	oility insu	rance vehi	cle cost offi	ce expense	e)			20.00	
	Real Estate Opportunity	Pivot (S		\$7,590 per					303.60	
	Real Estate Taxes		- /	\$7,590 per					75.90	
	Total Cost per Acre Includ	ing Overl	nead	-					\$753.43	
	Cost per AUM								\$ 68.49	
	Cash Cost per AUM								\$ 36.83	

2014 Budget 43. Peas, No-Till (35 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Owne	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
2	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
3	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
4	Truck	Custom								
	Total For Field Operations	3	\$ 6.07	\$8.81	\$6.63	\$4.54	\$14.84	\$8.21	\$49.10	
		Т								
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Peas	Seed		1	100%	3	bushels	20.00	60.00	
	Pea Seed Innoculant	Fungicio		1	100%	1	pound	8.00	8.00	
	Sharpen	Herbicio	de	2	100%	2	ounces	5.86	11.72	
	Glyphosate w/Surfactant	Herbicio	de	2	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive	2	2	100%	1.7	pounds	0.30	0.51	
	Haul Grain bu	Custom		4	100%	35	bushels	0.12	4.20	
	Total Materials and Servic	es							\$87.81	
	Total Listed Costs for Field								\$136.91	
	Interest on Opera				se @ 5.50°	% for 6 m	nonths		3.13	
	Total Operating and Use-F	Related O	wnership (Costs					\$140.04	
		1. *	1.	1		`			20.00	
	Overhead (accounting, liab	•							20.00	
	Real Estate Opportunity	Dryland (Panhandle)	\$700 per a					28.00	
	Real Estate Taxes			\$700 per a	cre @ 1.00)%			7.00	
	Total Cost per Acre Includ	ing Overl	nead						\$195.04	
	Cost per Bushel								\$ 5.57	
	Cash Cost per Bushel								\$ 3.34	

2014 Budget 44. Sorghum-Sudan, Annually Planted, Large Round Bale (3.3 ton Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
4	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28	
5	Swath/Condition Hay	1	2.50	2.52	1.73		2.73		9.48	
6	Lg Rd Bale	3.3 ton	5.45	2.87	1.35	2.42	6.89	2.83	21.81	
7	Move Lg Rd Bale	3.3 ton	6.00	4.39	1.49		7.58	1.45	20.91	
	Total for Field Operations		\$22.00	\$18.22	\$5.76	\$10.95	\$30.91	\$9.85	\$97.69	
		ı								
					Percent	Appli	cation			
	10			Operation	Acres	ъ.	***	Applied	m . 1	Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	28-0-0	Fertilize	r	2	100%	40	lb N	0.57	22.67	
	Sorghum Sudan	Seed		4	100%	10	pounds	1.10	11.00	
	Twine Lg Rd	Other		6	100%	3.3	tons	0.99	3.26	
	Total Materials and Service	es							\$36.93	
	I									T
	Total Listed Costs for Field								\$134.62	
	Interest on Opera				e @ 5.50%	o for 6 m	onths		2.58	
	Total Operating and Use-F	Related O	wnership (Costs					\$307.70	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	Real Estate Opportunity	Dryland		\$3,010 per					120.40	
	Real Estate Taxes	<u> </u>		\$3,010 per	acre @ 1.0	00%			30.10	
	Total Cost per Acre Includ	ing Overl	nead						\$307.70	
	Cost per Ton								\$ 93.24	
	Cash Cost per Ton			<u> </u>					\$ 38.35	

2014 Budget 45. Soybeans, Tilled seed bed, Roundup Ready® (39 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
5	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
6	Aerial Spray	Custom								
7	Combine Dryland Soybeans	1	3.38	6.50	6.73	0.87	10.35	2.23	30.06	
8	Truck	Custom								
	Total for Field Operations		\$11.59	\$14.09	\$8.21	\$8.07	\$23.14	\$9.40	\$74.50	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Valor XLT	Herbicio	de	3	100%	3	ounces	4.94	14.81	
	RR Soybeans	Seed		4	100%	1	bag	43.00	43.00	
	Glyphosate w/Surfactant	Herbicio	de	5	100%	32	ounces	0.11	3.38	
	Select Max	Herbicio	de	5	100%	6	ounces	0.95	5.72	
	21-0-0-24S	Additive	<u> </u>	5	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		6	20%	1	acre	8.00	1.60	
	Warrior II/Zeon	Insectic	ide	6	20%	1.6	ounces	3.91	1.25	
	Haul Grain bu	Custom		8	100%	39	bushels	0.12	4.68	
	Scouting Dryland Soybeans	Scouting	y .	_	100%	1	acre	10.00	10.00	
	Soybeans Dryland	Crop In	surance	_	100%	1	acre	11.85	11.85	
	Total Materials and Service	es							\$96.80	
	Total Listed Costs for Field	Operation	one and M	aterials and	Services				\$171.30	
	Interest on Opera					% for 6 m	onthe		3.82	
	Total Operating and Use-R				isc & 5.50	/U 101 U II	10111113		\$175.12	
	Total Operating and Ose-N	ciated O	wiici siiip (Ψ1/3.12	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	2)			20.00	
	Real Estate Opportunity		d (State)	\$3,010 per					120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1.0	00%			30.10	
	Total Cost per Acre Includi	ng Overl	nead						\$345.62	
	Cost per Bushel								\$ 8.86	
	Cash Cost per Bushel								\$ 4.43	

2014 Budget 46. Soybeans, No-Till, Roundup Ready® after Corn (43 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Aerial Spray	Custom								
5	Combine Dryland Soybeans	1	3.38	6.50	6.73	0.87	10.35	2.23	30.06	
6	Truck	Custom								
	Total for Field Operations		\$8.10	\$9.22	\$7.90	\$6.23	\$16.33	\$ 7.43	\$55.21	
					Percent	Appli	cation			
	Materials and Services			Operation Index	Acres Applied	Rate	Unit	Applied Price	Total	Your Estimate
	Valor XLT	Herbici	de	1	100%	3	ounces	4.94	14.81	
	2,4-D Ester 4#	Herbici		1	100%	1	pint	2.81	2.81	
	Glyphosate w/Surfactant	Herbici		1	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive		1	100%	1.7	pounds	0.30	0.51	
							1			
	RR Soybeans	Seed	1	2	100%	1	bag	43.00	43.00	
	Glyphosate w/Surfactant	Herbici		3	100%	32	ounces	0.11	3.38	
	Select Max	Herbici		3	100%	6	ounces	0.95	5.72	
	21-0-0-24S	Additive		3	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		4	20%	1	acre	8.00	1.60	
	Warrior II/Zeon	Insectic	ide	4	20%	1.6	ounces	3.91	1.25	
	Haul Grain bu	Custom		6	100%	43	bushels	0.12	5.16	
	Scouting Dryland Soybeans	Scoutin	g	_	100%	1	acre	10.00	10.00	
	Soybeans Dryland	Crop In	surance	_	100%	1	acre	11.85	11.85	
	Total Materials and Service	es		<u> </u>			'	•	\$103.98	
	m . 11' . 10'	10 11	134	1 1	0 .				φ150 10	
	Total Listed Costs for Field Interest on Opera					0/ for 6 m	o o m t la c		\$159.19 3.72	
	Total Operating and Use-R				ise @ 5.50	% 10r 6 II	10111118		\$162.91	
	Total Operating and Use-R	elated O	wnersnip	Costs					\$102.91	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity	Dryland	(State)	\$3,010 per	acre @ 4.0	00%			120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1.0	00%			30.10	
	Total Cost per Acre Includi	ng Overl	nead						\$333.41	
	Cost per Bushel	-							\$ 7.75	
	Cash Cost per Bushel								\$ 3.94	

2014 Budget 47. Soybeans, No-Till, Roundup Ready® Continuous (39 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50		_	_	_		Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Aerial Spray	Custom								
5	Combine Dryland Soybeans	1	3.38	6.50	6.73	0.87	10.35	2.23	30.06	
6	Truck	Custom								
	Total for Field Operations		\$8.10	\$9.22	\$7.90	\$6.23	\$16.33	\$7.43	\$55.21	
					Percent	Appli	cation			
				Operation	Acres	11		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Valor XLT	Herbicio	de	1	100%	3	ounces	4.94	14.81	
	2,4-D Ester 4#	Herbicio	de	1	100%	1	pint	2.81	2.81	
	Glyphosate w/Surfactant	Herbicio	de	1	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive	2	1	100%	1.7	pounds	0.30	0.51	
	RR Soybeans	Seed		2	100%	1	bag	43.00	43.00	
	Glyphosate w/Surfactant	Herbicio	de	3	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive	2	3	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		4	20%	1	acre	8.00	1.60	
	Warrior II/Zeon	Insectic	ide	4	20%	1.6	ounces	3.91	1.25	
	Haul Grain bu	Custom		6	100%	39	bushels	0.12	4.68	
	Scouting Dryland Soybeans	Scouting	<u> </u>		100%	1	acre	10.00	10.00	
	Soybeans Dryland	Crop In	surance	_	100%	1	acre	11.85	11.85	
	Total Materials and Service	es							\$97.78	
	Total Listed Costs for Field	Operation	one and M	aterials and	Services				\$152.99	
	Interest on Opera					% for 6 m	onthe		3.55	
	Total Operating and Use-R				isc @ 5.50	70 101 0 11	10111115		\$156.54	
	Total Operating and Ose-K	erated O	whership	20818					\$130.34	
	Overhead (accounting, liab	ility insu	rance, vehi		1	<u> </u>			20.00	
	Real Estate Opportunity	Dryland	(State)	\$3,010 per	acre @ 4.0	00%			120.40	
	Real Estate Taxes			\$3,010 per	acre @ 1.0	00%			30.10	
	Total Cost per Acre Includi	ng Overl	nead						\$327.04	
	Cost per Bushel								\$ 8.39	
	Cash Cost per Bushel								\$ 4.18	

2014 Budget 48. Soybeans, Tilled Seedbed, Roundup Ready® after Corn (62 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 9 Acre-inches

				Fuel @	Rep	airs	Own	ership		
	F: 110	Times	Labor @	\$3.50	-		_			Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
5	PivotD 125' Lift	9 ai	6.25	67.22	2.94	13.49	4.26	8.07	102.23	
6	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
7	Aerial Spray	Custom								
8	Aerial Spray	Custom								
9	Combine Irrigated Soybeans	1	3.67	7.04	7.29	1.05	11.21	2.23	32.49	
10	Truck	Custom								
	Total for Field Operations		\$18.13	\$81.85	\$11.71	\$21.74	\$28.26	\$17.47	\$179.16	
					Percent	Appli	cation			
				Operation	Acres	11		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Valor XLT	Herbici	de	3	100%	3	ounce	4.94	14.81	
	RR Soybeans	Seed		4	100%	1.1	bag	43.00	47.30	
	Glyphosate w/Surfactant	Herbici	de	6	100%	32	ounces	0.11	3.38	
	Select Max	Herbici	de	6	100%	6	ounces	0.95	5.72	
	21-0-0-24S	Additive	e	6	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		7	20%	1	acre	8.00	1.60	
	Warrior II/Zeon	Insectic	ide	7	20%	1.6	ounces	3.91	1.25	
	Aerial Spray	Custom		8	50%	1	acre	8.00	4.00	
	Priaxor	Fungici	de	8	50%	4	ounces	4.69	9.38	
	Haul Grain bu	Custom		10	100%	62	bushels	0.12	7.44	
	Scouting Irrigated Soybeans	Scoutin	g	-	100%	1	acre	10.00	10.00	
	Soybeans Irrigated	Crop In	surance	_	100%	1	acre	8.97	8.97	
	Total Materials and Service	es					•	•	\$114.36	
	Total Listed Costs for Field	l Operation	ons and M	aterials and	Services				\$293.52	
	Interest on Opera					% for 6 m	onths		6.81	
	Total Operating and Use-R	<u> </u>				, 5 101 0 11			\$300.33	
	-		_							I
	Overhead (accounting, liab	 							20.00	
	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per					303.60	
	Real Estate Taxes			\$7,590 per	acre @ 1.0)0%			75.90	
	Total Cost per Acre Includ	ing Overl	nead						\$699.83	
	Cost per Bushel								\$ 11.29	
	Cash Cost per Bushel								\$ 5.33	

2014 Budget 49. Soybeans, Ridge-Till, RR after RR Corn (62 bu Actual Yield) Gravity Irrigated, 1,000 GPM 10 PSI, 12 Acre-inches

				Fuel @	Rep	airs	Owne	ership		
	F: 11.0	Times	Labor @	\$3.50	2		, n		T . 1	Your
\dashv	Field Operations	or Qty	\$20/Hr	and Lube	Power	Imp.	Power	Imp.	Total	Estimate
1	Spray	0.2	0.15	0.07	0.04	0.15	0.19	0.26	0.86	
2	Ridge Plant and Band Herbicides	1	3.38	2.11	0.30	4.18	6.62	2.66	19.25	
3	Ridge Cultivation	1	1.82	1.95	0.18	0.30	3.91	1.09	9.25	
4	Ridge Cultivation	1	1.82	1.95	0.18	0.30	3.91	1.09	9.25	
5	Pipe D125' Lift	12 ai	23.33	65.04	3.14	2.28	5.33	4.05	103.17	
6	Spray	0.5	0.37	0.18	0.09	0.37	0.46	0.65	2.12	
7	Aerial Spray	Custom								
8	Aerial Spray	Custom								
9	Combine Irrigated Soybeans	1	3.67	7.04	7.29	1.05	11.21	2.23	32.49	
10	Truck	Custom								
	Total for Field Operations		\$34.54	\$78.34	\$11.22	\$8.63	\$31.63	\$12.03	\$176.39	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	2,4-D Ester 4#	Herbicio	de	1	20%	1	pint	2.81	0.56	
	Valor XLT	Herbicio	de	2	33%	3	ounce	4.94	4.89	
	RR Soybeans	Seed		2	100%	1.1	bag	43.00	47.30	
	Glyphosate w/Surfactant	Herbicio	de	6	50%	32	ounces	0.11	1.69	
	21-0-0-24S	Additive	2	6	50%	1.7	pounds	0.30	0.26	
	Select Max	Herbicio	de	6	40%	6	ounces	0.95	2.29	
	Crop Oil Concentrate	Additive	2	6	40%	2	pints	1.20	0.96	
	Aerial Spray	Custom		7	20%	1	acre	8.00	1.60	
	Warrior II/Zeon	Insectici	ide	7	20%	1.6	ounces	3.91	1.25	
	Aerial Spray	Custom		8	50%	1	acre	8.00	4.00	
	Stratego YLD	Fungicio	de	8	50%	4	ounces	5.47	10.94	
	Haul Grain bu	Custom		10	100%	62	bushels	0.12	7.44	
	Scouting Irrigated Soybeans	Scouting	y	_	100%	1	acre	10.00	10.00	
	Soybeans Irrigated	Crop In	surance	_	100%	1	acre	8.97	8.97	
	Total Materials and Service	es							\$102.15	
	Total Listed Costs for Field	l Operation	ons and M	aterials and	Services				\$278.54	
	Interest on Opera					% for 6 m	nonths		6.46	
	Total Operating and Use-F								\$285.00	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offic	ce expense	e)			20.00	
	Real Estate Opportunity	Gravity		\$6,835 per					273.40	
-	Real Estate Taxes	Clavity	(3:00)	\$6,835 per					68.35	
	Total Cost per Acre Includ	ing Overl	nead	ψ0,033 pc1	ucic @ 1.				\$646.75	
		5 0 1611	ıcuu							
	Cost per Bushel								\$ 10.43	

2014 Budget 50. Soybeans, No-Till 15-inch Row, Roundup Ready® after Corn (65 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 6 Acre-inches

				Fuel @	Rep	airs	Own	ership		
	Field Operations	Times	Labor @ \$20/Hr	\$3.50 and Lube	Power	Inat	Power	Inco	Total	Your Estimate
1	Field Operations	or Qty	 			Imp.		<i>Imp.</i>		Estimate
1	Spray	1	0.73 3.38	0.35	0.18	0.75	0.93	1.30	4.24	
2	Plant Narrow Row	1		1.60	0.84	4.18	4.28	2.60	16.88	
3	Spray	Custom	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
<u>1</u> 5	Aerial Spray	Custom								
_	Aerial Spray PivotD 125' Lift	6 ai	4 17	44.01	1.96	8.99	2.84	5.38	68.15	
5		 	4.17 3.67	44.81			11.21			
<u>-</u> -3	Combine Irrigated Soybeans Truck	1 Custom	3.6/	7.04	7.29	1.05	11,21	2.23	32.49	
)	Total for Field Operations	Custom	\$12.68	\$54.15	\$10.45	\$15.72	\$20.19	\$12.81	\$126.00	
	Total for Field Operations		\$12.00	\$34.13	\$10.43	\$13.72	\$20.19	\$12.01	\$120.00	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbici		1	100%	32	ounces	0.11	3.38	
	2,4-D Ester 4#	Herbici		1	100%	1	pint	2.81	2.81	
	21-0-0-24S	Additive	2	1	100%	1.7	pounds	0.30	0.51	
	Valor XLT	Herbici	de	1	100%	3	ounces	4.94	14.81	
	RR Soybeans	Seed		2	100%	1.1	bag	43.00	47.30	
	Glyphosate w/Surfactant	Herbici	de	3	100%	32	ounces	0.11	3.38	
	Select Max	Herbici	de	3	100%	6	ounces	0.95	5.72	
	21-0-0-24S	Additive	2	3	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		4	20%	1	acre	8.00	1.60	
	Warrior II/Zeon	Insectic	ide	4	20%	1.6	ounces	3.91	1.25	
	Aerial Spray	Custom		5	50%	1	acre	8.00	4.00	
	Quilt Xcel	Fungici		5	50%	10.5	ounces	2.19	11.48	
	Haul Grain bu	Custom		8	100%	65	bushels	0.12	7.80	
	Scouting Irrigated Soybeans	Scouting		_	100%	1		10.00	10.00	
					_		acre			
	Soybeans Irrigated	Crop In	surance	_	100%	1	acre	8.97	8.97	
	Total Materials and Service								\$123.52	
	*Insecticide for aphids and army of	cutworm.								
	Total Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$249.52	
	Interest on Opera	ating Cap	ital \$216.5	2 cash expen	se @ 5.50	% for 6 m	nonths		5.95	
	Total Operating and Use-R	Related O	wnership	Costs					\$255.47	
		.1		1		`				
	Overhead (accounting, liab								20.00	
	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per					303.60	
	Real Estate Taxes			\$7,590 per	acre @ 1.0	00%			75.90	
	Total Cost per Acre Includ	ing Overl	nead						\$654.97	
	Cost per Bushel								\$ 10.08	
	Cash Cost per Bushel								\$ 4.59	

2014 Budget 51. Soybeans Roundup Ready®, No-Till Narrow Row, Continuous (59 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 6 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Plant Narrow Row	1	3.38	1.60	0.84	4.18	4.28	2.60	16.88	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Aerial Spray	Custom								
5	Aerial Spray	Custom								
6	PivotD 125' Lift	6 ai	4.17	44.81	1.96	8.99	2.84	5.38	68.15	
7	Combine Irrigated Soybeans	1	3.67	7.04	7.29	1.05	11.21	2.23	32.49	
8	Truck	Custom								
	Total for Field Operations		\$12.68	\$54.15	\$10.45	\$15.72	\$20.19	\$12.81	\$126.00	
					Percent	Appli	cation			
				Operation	Acres	11		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbici	de	1	100%	32	ounces	0.11	3.38	
	2,4-D Ester 4#	Herbici		1	100%	1		2.81	2.81	
	21-0-0-24S	Additive		1	100%	1.7	pounds	0.30	0.51	
	Valor XLT	Herbici		1	100%	3	ounces	4.94	14.81	
	RR Soybeans	Seed		2	100%	1.1	bag	43.00	47.30	
	Glyphosate w/Surfactant	Herbici	de	3	50%	32	ounces	0.11	1.69	
	21-0-0-24S	Additive	2	3	50%	1.7	pounds	0.30	0.26	
	Aerial Spray	Custom		4	20%	1		8.00	1.60	
	Warrior II/Zeon	Insectic	ide	4	20%	1.6	ounces	3.91	1.25	
	Aerial Spray	Custom		5	50%	1	acre	8.00	4.00	
	Priaxor	Fungici	de	5	50%	4	ounces	4.69	9.38	
	Haul Grain bu	Custom		8	100%	59	bushels	0.12	7.08	
	Scouting Irrigated Soybeans	Scoutin	g	_	100%	1	acre	10.00	10.00	
	Soybeans Irrigated	Crop In	surance	_	100%	1	acre	8.97	8.97	
	Total Materials and Servic	es							\$113.04	
	Total Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$239.04	
	Total Listed Costs for Field Operations and Materials and Services Interest on Operating Capital \$206.04 cash expense @ 5.50% for 6 months									
					e J.JU	/U 101 U II	10111113		5.67 \$244.71	
	Total Operating and Use-Related Ownership Costs								φ244./1	
	Overhead (accounting, liability insurance, vehicle cost, office expense)									
	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per	acre @ 4.0	00%			303.60	
	Real Estate Taxes			\$7,590 per					75.90	
	Total Cost per Acre Includ	ing Overl	nead	<u> </u>					\$644.21	
	Cost per Bushel								\$ 10.92	
	Cash Cost per Bushel								\$ 4.87	

2014 Budget 52. Soybeans, No-Till Drilled 7.5-inch rows, Roundup Ready® after Corn (65 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 6 Acre-inches

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50				,		Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Aerial Spray	Custom								
5	Aerial Spray	Custom								
6	PivotD 125' Lift	6 ai	4.17	44.81	1.96	8.99	2.84	5.38	68.15	
7	Combine Irrigated Soybeans	1	3.67	7.04	7.29	1.05	11.21	2.23	32.49	
8	Truck	Custom								
	Total for Field Operations		\$11.50	\$54.99	\$9.81	\$14.59	\$20.21	\$14.89	\$125.99	
\neg						A 1.				
					Percent	Appli	cation I	, , , .		
	36 . 11 . 10 . 1			Operation	Acres	, n		Applied	m . 1	Your
	Materials and Services	** 1	1	Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbici		1	100%	32	ounces	0.11	3.38	
	2,4-D Ester 4#	Herbici		1	100%	1	pint	2.81	2.81	
	21-0-0-24S	Additive		1	100%	1.7	pounds	0.30	0.51	
	Valor XLT	Herbici	de	1	100%	3	ounces	4.94	14.81	
	RR Soybeans	Seed		2	100%	1.1	bag	43.00	47.30	
	Glyphosate w/Surfactant	Herbici		3	100%	32	ounces	0.11	3.38	
	Select Max	Herbici		3	100%	6	ounces	0.95	5.72	
	21-0-0-24S	Additive		3	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		4	20%	1	acre	8.00	1.60	
	Warrior II/Zeon	Insectic		4	20%	1.6	ounces	3.91	1.25	
	Aerial Spray	Custom		5	50%	1	acre	8.00	4.00	
	Stratego YLD	Fungici		5	50%	4	ounces	5.47	10.94	
	Haul Grain bu	Custom		8	100%	65	bushels	0.12	7.80	
	Scouting Irrigated Soybeans	Scoutin		_	100%	1	acre	10.00	10.00	
	Soybeans Irrigated	Crop In	surance	_	100%	1	acre	8.97	8.97	
	Total Materials and Service	es							\$122.98	
	Total Listed Costs for Field	Operati	ons and M	Services				\$248.97		
ŀ	Interest on Opera					% for 6.0	months		5.88	
-	Total Operating and Use-R					,0 101 0.0	1110111110		\$254.85	
_	Total Operating and Ose-N	ciaicu O	witer stiff	Cusis					ΨΔ34.03	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
Ì	Real Estate Opportunity	Pivot (S	tate)	\$7,590 per	acre @ 4.0	00%			303.60	
	Real Estate Taxes	-1.00(0		\$7,590 per					75.90	
-	Total Cost per Acre Includi	ng Overl	nead	1 + . , e > 0 P e 1		/ -			\$654.35	
ł	Cost per Bushel	ing Over	1000						\$ 10.07	
- 1	Cash Cost per Bushel								\$ 4.55	

2014 Budget 53. Sugarbeet Roundup Ready\$, One Pass Zone-Tillage (26 ton Actual Yield) Canal Irrigated, 20 Acre-inches

Spray Fertilizer				Fuel @	Rep	airs	Own	ership		
Disc						_		_		
Spray Fertilizer	-	- '				_				Estimate
Spray		+								
Till-Plant Bects			1.63	0.50	0.15	0.38	3.19	1.68	7.53	
Hoe		Custom								
Row Crop Cultivation		1		6.11						
Hill/Ditch										
Spray	1	1								
Ditch Irrigation 20 si 18.52		1	3.38	3.30	0.84	0.51	4.28	0.59	12.90	
Spray										
Acrial Spray	•	20 ai	18.52						18.52	
Top Beets		Custom								
Lift Beets		Custom								
Truck	2 Top Beets	1	3.45	2.74	0.34	1.91	7.43	3.28	19.15	
Total for Field Operations	3 Lift Beets	1	4.30	4.87	0.39	11.82	8.40	9.51	39.29	
Naterials and Services	4 Truck	Custom								
Materials and Services	5 Subsoil	1	2.42	4.03	0.24	0.34	5.21	1.23	13.47	
Materials and Services	Total for Field Operations		\$42.71	\$26.74	\$3.11	\$19.38	\$45.08	\$25.02	\$162.04	
Materials and Services					Percent	Appli	cation			1
Materials and Services				Operation	Acres			Applied		Your
10-34-0 Fertilizer 2 100% 13.4 gallons 2.55 34.17 28-0-0 Fertilizer 2 100% 115 lb N 0.57 65.17 Spray Custom 3,8,10 300% 1 acre 6.00 18.00 Glyphosate w/Surfactant Herbicide 3 100% 36 ounces 0.11 3.80 21-0-0-24\$ Additive 3 100% 1.7 pounds 0.30 0.51 Sugarbeets RR Poncho Seed 4 100% 1 acre 180.00 180.00 Spray Custom 8 100% 1 acre 6.00 6.00 Glyphosate w/Surfactant Herbicide 8 100% 36 ounces 0.11 3.80 21-0-0-24\$ Additive 8 100% 1.7 pounds 0.30 0.51 Irrigation District O&M Other 9 100% 1 acre 30.00 30.00 Charge Spray Custom 10 100% 1 acre 30.00 30.00 Charge Spray Custom 10 100% 36 ounces 0.11 3.80 21-0-0-24\$ Additive 10 100% 1 acre 6.00 6.00 Glyphosate w/Surfactant Herbicide 10 100% 36 ounces 0.11 3.80 21-0-0-24\$ Additive 10 100% 1 acre 8.00 8.00 Quadris Fungicide 11 100% 7 ounces 3.32 23.24 Haul Beets Custom 14 100% 26 tons 3.32 23.24 Haul Beets Custom 14 100% 26 tons 3.50 91.00 Scouting Sugarbeets Scouting - 100% 1 acre 16.00 16.00 Sugarbeets Crop Insurance - 100% 1 acre 22.01 22.01 Total Materials and Services \$674.56 Interest on Operating Capital \$604.46 (ash expense @ 5.50% for 6 months 16.62 Total Operating and Use-Related Ownership Costs \$691.18 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Gravity (Panhandle) \$2,875 per acre @ 4.00% 115.00 8.854.93 Cost per Ton \$32.88 Cost per Ton \$32.88 Cost per Ton \$32.88 Cost per Ton \$32.88 Cost per Ton	Materials and Services				Applied	Rate	Unit		Total	Estimate
Septa Custom 3,8,10 300% 1 acre 6.00 18.00	10-34-0	Fertilize	r	2		13.4	gallons	2.55	34.17	
Glyphosate w/Surfactant Herbicide 3 100% 36 ounces 0.11 3.80	28-0-0	Fertilize	r	2	100%	115			65.17	
Glyphosate w/Surfactant Herbicide 3 100% 36 ounces 0.11 3.80	Spray									
21-0-0-24S						36				
Sugarbeets RR Poncho Seed 4 100% 1 acre 180.00 180.00	7.1									
Spray	Sugarbeets RR Poncho			4	100%	1	<u> </u>	180.00	180.00	
College		+				1				
Description Color							ounces		3.80	
Irrigation District O&M Other 9 100% 1 acre 30.00 30.00										
Spray	Irrigation District O&M					-				
Collaboration Collaboratio		Custom		10	100%	1	acre	6.00	6.00	
21-0-0-24S										
Aerial Spray	7.1									
Quadris Fungicide 11 100% 7 ounces 3.32 23.24 Haul Beets Custom 14 100% 26 tons 3.50 91.00 Scouting Sugarbeets Scouting - 100% 1 acre 16.00 16.00 Sugarbeets Crop Insurance - 100% 1 acre 22.01 22.01 Total Materials and Services \$512.52 \$512.52 Total Listed Costs for Field Operations and Materials and Services \$674.56 Interest on Operating Capital \$604.46 cash expense @ 5.50% for 6 months 16.62 Total Operating and Use-Related Ownership Costs \$691.18 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Gravity (Panhandle) \$2,875 per acre @ 4.00% 115.00 Real Estate Taxes \$2,875 per acre @ 1.00% 28.75 Total Cost per Acre Including Overhead \$854.93 Cost per Ton \$32.88							<u> </u>			
Haul Beets Custom 14 100% 26 tons 3.50 91.00 Scouting Sugarbeets Scouting - 100% 1 acre 16.00 16.00 Sugarbeets Crop Insurance - 100% 1 acre 22.01 22.01 Total Materials and Services \$512.52 Total Listed Costs for Field Operations and Materials and Services \$674.56 Interest on Operating Capital \$604.46 cash expense @ 5.50% for 6 months 16.62 Total Operating and Use-Related Ownership Costs \$691.18 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Gravity (Panhandle) \$2,875 per acre @ 4.00% 115.00 Real Estate Taxes \$2,875 per acre @ 1.00% 28.75 Total Cost per Acre Including Overhead \$854.93 Cost per Ton \$32.88	1 /									
Scouting SugarbeetsScouting-100%1acre16.0016.00SugarbeetsCrop Insurance-100%1acre22.0122.01Total Materials and Services\$512.52Total Listed Costs for Field Operations and Materials and Services\$674.56Interest on Operating Capital \$604.46 cash expense @ 5.50% for 6 months16.62Total Operating and Use-Related Ownership Costs\$691.18Overhead (accounting, liability insurance, vehicle cost, office expense)20.00Real Estate OpportunityGravity (Panhandle)\$2,875 per acre @ 4.00%115.00Real Estate Taxes\$2,875 per acre @ 1.00%28.75Total Cost per Acre Including Overhead\$854.93Cost per Ton\$32.88										
SugarbeetsCrop Insurance-100%1acre22.0122.01Total Materials and Services\$512.52Total Listed Costs for Field Operations and Materials and Services\$674.56Interest on Operating Capital \$604.46 cash expense @ 5.50% for 6 months16.62Total Operating and Use-Related Ownership Costs\$691.18Overhead (accounting, liability insurance, vehicle cost, office expense)20.00Real Estate OpportunityGravity (Panhandle)\$2,875 per acre @ 4.00%115.00Real Estate Taxes\$2,875 per acre @ 1.00%28.75Total Cost per Acre Including Overhead\$854.93Cost per Ton\$32.88										
Total Materials and Services \$512.52 Total Listed Costs for Field Operations and Materials and Services \$674.56 Interest on Operating Capital \$604.46 cash expense @ 5.50% for 6 months 16.62 Total Operating and Use-Related Ownership Costs \$691.18 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Gravity (Panhandle) \$2,875 per acre @ 4.00% 115.00 Real Estate Taxes \$2,875 per acre @ 1.00% 28.75 Total Cost per Acre Including Overhead \$854.93 Cost per Ton \$32.88				_						
Total Listed Costs for Field Operations and Materials and Services Interest on Operating Capital \$604.46 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs Overhead (accounting, liability insurance, vehicle cost, office expense) Real Estate Opportunity Gravity (Panhandle) \$2,875 per acre @ 4.00% 115.00 Real Estate Taxes \$2,875 per acre @ 1.00% 28.75 Total Cost per Acre Including Overhead \$854.93 Cost per Ton \$32.88										
Interest on Operating Capital \$604.46 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs Septimal Septima			13.6							
Total Operating and Use-Related Ownership Costs\$691.18Overhead (accounting, liability insurance, vehicle cost, office expense)20.00Real Estate OpportunityGravity (Panhandle)\$2,875 per acre @ 4.00%115.00Real Estate Taxes\$2,875 per acre @ 1.00%28.75Total Cost per Acre Including Overhead\$854.93Cost per Ton\$ 32.88						0/ 6 -	.1			
Overhead (accounting, liability insurance, vehicle cost, office expense)20.00Real Estate OpportunityGravity (Panhandle)\$2,875 per acre @ 4.00%115.00Real Estate Taxes\$2,875 per acre @ 1.00%28.75Total Cost per Acre Including Overhead\$854.93Cost per Ton\$ 32.88	_				ise @ 5.50	% tor 6 m	nonths			
Real Estate OpportunityGravity (Panhandle)\$2,875 per acre @ 4.00%115.00Real Estate Taxes\$2,875 per acre @ 1.00%28.75Total Cost per Acre Including Overhead\$854.93Cost per Ton\$ 32.88	Total Operating and Use-I	Related O	wnership (Costs					\$691.18	
Real Estate Taxes\$2,875 per acre @ 1.00%28.75Total Cost per Acre Including Overhead\$854.93Cost per Ton\$ 32.88	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
Real Estate Taxes\$2,875 per acre @ 1.00%28.75Total Cost per Acre Including Overhead\$854.93Cost per Ton\$ 32.88	Real Estate Opportunity	Gravity (I	Panhandle)	\$2,875 per	acre @ 4.0	00%			115.00	
Total Cost per Acre Including Overhead \$854.93 Cost per Ton \$32.88	11 /									
Cost per Ton \$ 32.88		ing Overl	nead							<u> </u>
		<i>U</i>	·							

2014 Budget 54. Sugarbeet Roundup Ready $^{\circledR}$, Conventional Tillage (26 ton Actual Yield) Gravity Irrigated, Canal, 20 Acre-inches

		I		Fuel @	Dat	pairs	Oausa	ership		I
		Times	Labor @	\$3.50	Кер	<i>uiis</i>	Own	етъпір		Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	Estimate
2	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
_	1 /	Custom	1.03	0.30	0.13	0.36	3.19	1.00	7.33	
3	Spray Plow	1	F 00	F F2	0.50	2.40	10.75	0.54	24.01	
4			5.00	5.53	0.50	2.49	10.75	0.54	24.81	
5	Roller Harrow	1	2.50	2.52	0.68	0.66	3.48	1.56	11.40	
6	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
7	Field Cultivation	2	2.93	4.40	0.26	1.48	5.73	1.82	16.62	
8	Hill/Ditch	1	3.38	3.30	0.84	0.51	4.28	0.59	12.90	
9	Spray	Custom								
10	Ditch Irrigation	20 ai	18.52						18.52	
11	Spray	Custom								
12	Aerial Spray	Custom								
	Top Beets	1	3.45	2.74	0.34	1.91	7.43	3.28	19.15	
4	Lift Beets	1	4.30	4.87	0.39	11.82	8.40	9.51	39.29	
15	Truck	Custom								
	Total for Field Operations		\$49.41	\$32.58	\$4.39	\$24.55	\$56.53	\$23.87	\$191.33	
	_									
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	10-34-0	Fertilize	r	2	100%	13.4	gallons	2.55	34.17	
	28-0-0	Fertilize	r	2	100%	115	lb N	0.57	65.17	
	Spray	Custom		3, 9, 11	300%	1	acre	6.00	18.00	
	Glyphosate w/Surfactant	Herbicio	de	3	100%	36	ounces	0.11	3.80	
	21-0-0-24S		2	3	100%	1.7	pounds	0.30	0.51	
	Sugarbeets RR Poncho	Seed		6	100%	1	acre	180.00	180.00	
	Glyphosate w/Surfactant	Herbicio	de	9	100%	36	ounces	0.11	3.80	
	21-0-0-24S	Additive	2	9	100%	1.7	pounds	0.30	0.51	
	Irrigation District O&M Charge	Other		10	100%	1	acre	30.00	30.00	
	Spray	Custom		11	100%	1	acre	6.00	6.00	
	Glyphosate w/Surfactant	Herbicio	de	11	100%	36	ounces	0.11	3.80	
	21-0-0-24S	Additive		11	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		12	100%		acre	8.00	8.00	
	Quadris	Fungicio		12	100%	7	ounces	3.32	23.24	
	Haul Beets	Custom		15	100%	26	tons	3.50	91.00	
	Scouting Sugarbeets	Scouting		_	100%	1	acre	16.00	16.00	
	Sugarbeets	Crop In		-	100%	1	acre	22.01	22.01	
	Total Materials and Service								\$506.52	
	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$697.85	
	Interest on Opera	ting Cap	ital \$617 . 4	5 cash expen	ise @ 5.50	% for 6 n	nonths		16.98	
	Total Operating and Use-R	elated O	wnership (Costs					\$714.83	
	Overhead (accounting, liab	ility incu	rance vehi	cle cost offi	ce exnens	e)			20.00	
	Real Estate Opportunity		Panhandle)	\$2,875 per			115.00			
	Real Estate Taxes	Gravity (1	aimanue)							
		 1	d	\$2,875 per	acre @ 1.	.00%0			28.75	
	Total Cost per Acre Includi	ıng Overl	iead						\$878.58	
	Cost per Ton Cash Cost per Ton								\$ 33.79	
	Casii Cost per 1011								\$ 24.40	l

2014 Budget 55. Sugarbeet Roundup Ready\$, One Pass Zone-Tillage (26 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 16 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
	E: 110	Times	Labor @	\$3.50				, .	m . 1	Your
_	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
3	Spray	Custom								
4	Till-Plant Beets	1	3.67	6.11	0.33	2.14	7.17	4.81	24.23	
5	Row Crop Cultivation	1	1.82	1.12	0.50	0.67	2.53	2.46	9.10	
6	Spray	Custom								
7	PivotD 125' Lift	16 ai	11.11	119.50	5.23	23.98	7.57	14.34	181.73	
8	Spray	Custom								
9	Aerial Spray	Custom								
10	Top Beets	1	3.45	2.74	0.34	1.91	7.43	3.28	19.15	
11	Lift Beets	1	4.30	4.87	0.39	11.82	8.40	9.51	39.29	
12	Truck	Custom								
13	Subsoil	1	2.42	4.03	0.24	0.34	5.21	1.23	13.47	
	Total for Field Operations		\$30.42	\$141.93	\$7.36	\$42.34	\$45.44	\$38.37	\$305.86	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	10-34-0	Fertilize	r	2	100%	13.4	gallons	2.55	34.17	
	28-0-0	Fertilize	r	2	100%	115	lb N	0.57	65.17	
	Spray	Custom		3, 6,8	300%	1	acre	6.00	18.00	
	Glyphosate w/Surfactant	phosate w/Surfactant Herbicide	de	3	100%	36	ounces	0.11	3.80	
	21-0-0-24S		2	3	100%	1.7	pounds	0.30	0.51	
	Sugarbeets RR Poncho	Seed		4	100%	1	acre	180.00	180.00	
	Glyphosate w/Surfactant	Herbici	de	6	100%	36	ounces	0.11	3.80	
	21-0-0-24S	Additive		6	100%	1.7	pounds	0.30	0.51 3.80	
	Glyphosate w/Surfactant	Herbici		8	100%	36	ounces	0.11		
	21-0-0-24S	Additive		8	100%	1.7	pounds	0.30	0.51	
	Aerial Spray	Custom		9	100%	1	acre	8.00	8.00	
	Quadris	Fungici		9	100%	7	ounces	3.32	23.24	
	Haul Beets		stom	12	100%	26	tons	3.50	91.00	
	Scouting Sugarbeets		uting	_	100%	1	acre	16.00	16.00	
	Sugarbeets		nsurance	_	100%	1	acre	22.01	22.01	1
	Total Materials and Servic	1		l					\$470.52	
	Total Listed Costs for Field								\$776.38	
	Interest on Opera				ise @ 5.50	% for 6 n	nonths		19.05	
	Total Operating and Use-F	Related O	wnership (Costs					\$795.43	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offi	ce expens	e)			20.00	
	Real Estate Opportunity	· ·	anhandle)						124.60	
	Real Estate Taxes	11,01 (1	ummumanc)	\$3,115 per acre @ 4.00% \$3,115 per acre @ 1.00%					31.15	
	Total Lotate Takes	1		Ψο,110 Ρει	1.0	3370				
	Total Cost per Acre Includ	ing Overl	nead						1 \$971 19	
	Total Cost per Acre Includ Cost per Ton	ing Overl	nead						\$971.18 \$ 37.35	

2014 Budget 56. Sugarbeet Roundup Ready®, Conventional Tillage (26 ton Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 16 Acre-inches

				Fuel @	Rep	airs	Own	ership		
	71110	Times	Labor @	\$3.50					1	Your
_	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36	
2	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
3	Plow	1	5.00	5.53	0.50	2.49	10.75	0.54	24.81	
4	Roller Harrow	1	2.50	2.52	0.68	0.66	3.48	1.56	11.40	
5	Plant	1	3.26	1.63	0.81	3.86	4.12	2.60	16.28	
6	Spray	Custom								
7	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32	
8	PivotD 125' Lift	16 ai	11.11	119.50	5.23	23.98	7.57	14.34	181.73	
9	Spray	Custom								
10	Aerial Spray	Custom								
11	Top Beets	1	3.45	2.74	0.34	1.91	7.43	3.28	19.15	
12	Lift Beets	1	4.30	4.87	0.39	11.82	8.40	9.51	39.29	
13	Truck	Custom								
14	Subsoil	1	2.42	4.03	0.24	0.34	5.21	1.23	13.47	
	Total for Field Operations		\$37.16	\$146.58	\$8.65	\$47.28	\$56.96	\$36.71	\$333.34	
_				·						
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	10-34-0	Fertilize		2	100%	13.4	gallons	2.55	34.17	
	28-0-0	Fertilize		2	100%	115	lb N	0.57	65.17	
	Spray	Custom		6 and 9	200%	1	acre	6.00	12.00	
	Glyphosate w/Surfactant	Herbicio		6	100%	36	ounces	0.11	3.80	
	21-0-0-24S	Additive	2	6	100%	1.7	pounds	0.30	0.51	
	Sugarbeets RR Poncho	Seed		5	100%	1	acre	180.00	180.00	
	Glyphosate w/Surfactant	Herbicio		9	100%	36	ounces	0.11	3.80	
	21-0-0-24S	Additive		9	100%		pounds	0.30	0.51	
	Aerial Spray	Custom		10	100%	1	acre	8.00	8.00	
	Quadris	Fungicio		10	100%	7	ounces	3.32	23.24	
	Haul Beets	Custom		13	100%	26	tons	3.50	91.00	
	Scouting Sugarbeets	Scouting		_	100%	1	acre	16.00	16.00	
	Sugarbeets	Crop In	surance	_	100%	1	acre	22.01	22.01	
	Total Materials and Service	es							\$460.21	
\neg	Total Listed Costs for Field	Onovati	one and M	atorials and	Commisso				\$793.55	
						0/- for 6	antha		19.25	
	Interest on Opera				ise @ 5.50	70 101 O II	10111118			
	Total Operating and Use-R	kelated O	wnership (osts					\$812.80	
	Overhead (accounting, liab	oility insu	rance, vehi	cle cost, offic	ce expense	e)			20.00	
	Real Estate Opportunity		anhandle)						124.60	
	Real Estate Taxes			\$3,115 per acre @ 4.00% \$3,115 per acre @ 1.00%					31.15	
ŀ		ina Orrani		1					\$988.55	
ı	Total Cost per Acre Incilia	me Overi	ıcau							
	Total Cost per Acre Include Cost per Ton	ilig Overi	icau						\$ 38.02	

2014 Budget 57. Sunflower, No-Till, Following Corn or Grain Sorghum (13 cwt Actual Yield) Dryland

		ership								
	F: 11 O	Times	Labor @	\$3.50	D.	,		,	m . 1	Your
_	Field Operations	or Qty	\$20/Hr	and Lube	Power	Imp.	Power	Imp.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
3	Plant No-Till	1	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
4	Aerial Spray	Custom								
5	Combine Sunflowers	1	3.14	6.04	6.25	0.21	9.61	10.20	35.45	
6	Truck	Custom								
	Total for Field Operations		\$7.86	\$8.76	\$7.42	\$5.57	\$15.59	\$15.40	\$60.60	
_					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	Glyphosate w/Surfactant	Herbici	de	1	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive	2	1	100%	1.7	pounds	0.30	0.51	
	Prowl H ₂ O	Herbici	de	1	100%	2	pints	6.13	12.25	
	28-0-0	Fertilize	r	1	100%	50	lb N	0.57	28.33	
	Spartan 4F	Herbici	de	2	100%	5	ounces	5.86	29.30	
	Glyphosate w/Surfactant	Herbici	de	2	50%	32	ounces	0.11	1.69	
	21-0-0-24S	Additive	ve	2	50%	1.7	pounds	0.30	0.26	
	Prowl H ₂ O	Herbicide	2	100%	1	pint	6.13	6.13		
	Sunflower	Seed		3	100%	5	pounds	1.05	5.25	
	* Aerial Spray	Custom		4	50%	1	acre	8.00	4.00	
	* Warrior II/Zeon	Insectic	ide	4	50%	1.92	ounces	3.91	3.75	
	Haul Grain (Sunflower)	Custom		6	100%	13	cwt	0.30	3.90	
	Sunflower	Crop In	surance	-	100%	1	acre	13.29	13.29	
	Total Materials and Servic	es					•	•	\$112.04	
	*Insecticide for seed weevil and su	ınflower mo	th.							
	Total Listed Costs for Field	l Operati	ons and M	aterials and	Services				\$172.64	
	Interest on Opera	-				% for 6 n	nonths		3.90	
	Total Operating and Use-I								\$176.54	
	Overhead (a	.:1:4 :		ala aast - C		.)			20.00	
	Overhead (accounting, liab					-			20.00	
	Real Estate Opportunity	Dryland (Panhandle)	\$700 per ac					28.00	
	Real Estate Taxes	 1	d	\$700 per ac	re @ 1.00	70			7.00	
	Total Cost per Acre Includ	ıng Overl	iead						\$231.54	
	Cost per cwt								\$ 17.81	
	Cash Cost per cwt								\$ 11.73	

2014 Budget 58. Sunflower, Ecofallow, after Wheat, Two Crops in Three Years (16 cwt Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50	_	_		_		Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray (Prior Year Stubble)	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Spray (Prior Year Stubble)	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4 5	Spray Plant No-Till	1	0.73 3.26	0.35 2.02	0.18 0.81	0.75 3.86	0.93	1.30	4.24	
6	Aerial Spray	Custom	3.26	2.02	0.81	3.86	4.12	2.60	16.67	
7	Combine Sunflowers	1	3.14	6.04	6.25	0.21	9.61	10.20	35.45	
8	Truck	Custom	3.14	0.04	0.23	0.21	9.01	10.20	33.43	
0	Total for Field Operations	Custom	\$9.32	\$9.46	\$7.78	\$7.07	\$17.45	\$18.00	\$69.08	
	Total for Field Operations		Ψ7.52	ψ2.10	Ψ7.70			ψ10.00	Ψ07.00	
					Percent	Appli	cation			
				Operation	Acres	_		Applied		Your
	Materials and Services	TTl-:-:	1.	Index	Applied	Rate	Unit	Price	Total	Estimate
	Landmaster BW	Herbicio		1	100%	54	ounces	0.15	8.02	
	21-0-0-24\$	Additive		1	100%	2	pounds	0.30	0.60	
	Glyphosate w/Surfactant	Herbici		2	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive		2	100%	1.7	pounds	0.30	0.51	
	Glyphosate w/Surfactant	Herbici		3	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive		3	100%	1.7	pounds	0.30	0.51	
	Prowl H ₂ O	Herbici		3	100%	2	pints	6.13	12.25	
	28-0-0	Fertilize	r	3	100%	60	lb N	0.57	34.00	
	Spartan 4F	Herbici	de	4	100%	5	ounces	5.86	29.30	
	Glyphosate w/Surfactant	Herbici	de	4	50%	32	ounces	0.11	1.69	
	21-0-0-24S	Additive	2	4	50%	1.7	pounds	0.30	0.26	
	Prowl H ₂ O	Herbici	de	4	100%	1	pint	6.13	6.13	
	Sunflower	Seed		5	100%	5	pounds	1.05	5.25	
	* Aerial Spray	Custom		6	50%	1	acre	8.00	4.00	
	* Warrior II/Zeon	Insectic	ide	6	50%	1.92	ounces	3.91	3.75	
	Haul Grain (Sunflower)	Custom		8	100%	16	cwt	0.30	4.80	
	Sunflower	Crop In	surance	_	100%	1	acre	13.29	13.29	
	Total Materials and Service			ı			I	ı	\$131.12	
	*Insecticide for seed weevil and su		th							
	Total Listed Costs for Field								\$200.20	
	Interest on Opera	-		-	se @ 5.50	% for 6 m	nonths		4.53	
	Total Operating and Use-F	Related O	wnership (Costs					\$204.73	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity		Panhandle)	\$700 per ac					28.00	
	Real Estate Taxes	, ~		\$700 per ac					7.00	
	Total Cost per Acre Includ	ing Overl	nead	1 1					\$259.73	
	Cost per cwt								\$ 16.23	
	Cash Cost per cwt								\$ 11.02	

2014 Budget 59. Sunflower, No-Till (30 cwt Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 8 Acre-inches

Times Labor @ S3.0 Power Imp. Power Imp. Total	
1 Spray 1 0.73 0.35 0.18 0.75 0.93 1.30 4.24	Your
2 Spray Fertilizer and Herbicide 1 1.63 0.50 0.15 0.38 3.19 1.68 7.53 3 Plant No-Till 1 3.26 2.02 0.81 3.86 4.12 2.60 16.67 4 Aerial Spray Custom 5 Prote 125' Lift w/Fertigation 8 ai 7.41 21.24 2.23 11.99 4.04 7.17 54.08 6 Combine Sunflowers 1 3.14 6.04 6.25 0.21 9.61 10.20 35.45 7 Truck Custom 7 Truck 7 Tru	Estimate
3 Plant No-Till	
A Aerial Spray	
Total for Field Operations	
Combine Sunflowers	
Truck	
Naterials and Services	
Materials and Services	Your
Glyphosate w/Surfactant Herbicide 1 100% 32 ounces 0.11 3.38 21-0-0-24S Additive 1 100% 1.7 pounds 0.30 0.51 Prowl H₂O Herbicide 2 100% 2.3 pints 6.13 14.09 Spartan 4F Herbicide 2 100% 4 ounces 5.86 23.44 28-0-0 Fertilizer 2 100% 50 lb N 0.57 28.33 Sunflower Seed 3 100% 3.5 pounds 1.05 3.68 10-34-0 Fertilizer 3 100% 4 gallons 2.55 10.20 * Aerial Spray Custom 4 50% 1 acre 8.00 4.00 * Warrior II/Zeon Insecticide 4 50% 3.84 ounces 3.91 7.50 Electricity Fixed Other 5 100% 1 acre 28.00 28.00	Estimate
Prowl H ₂ O Herbicide 2 100% 2.3 pints 6.13 14.09 Spartan 4F Herbicide 2 100% 4 ounces 5.86 23.44 28-0-0 Fertilizer 2 100% 50 lb N 0.57 28.33 Sunflower Seed 3 100% 3.5 pounds 1.05 3.68 10-34-0 Fertilizer 3 100% 4 gallons 2.55 10.20 * Aerial Spray Custom 4 50% 1 acre 8.00 4.00 * Warrior II/Zeon Insecticide 4 50% 3.84 ounces 3.91 7.50 Electricity Fixed Other 5 100% 1 acre 28.00 28.00 Haul Grain (Sunflower) Custom 7 100% 30 cwt 0.30 9.00 Sunflower Crop Insurance - 100% 1 acre 13.29 13.29	
Spartan 4F	
28-0-0 Fertilizer 2 100% 50 lb N 0.57 28.33	
Sunflower Seed 3 100% 3.5 pounds 1.05 3.68 10-34-0 Fertilizer 3 100% 4 gallons 2.55 10.20 * Aerial Spray Custom 4 50% 1	
10-34-0 Fertilizer 3 100% 4 gallons 2.55 10.20 * Aerial Spray Custom 4 50% 1 acre 8.00 4.00 * Warrior II/Zeon Insecticide 4 50% 3.84 ounces 3.91 7.50 Electricity Fixed Other 5 100% 1 acre 28.00 28.00 Haul Grain (Sunflower) Custom 7 100% 30 cwt 0.30 9.00 Sunflower Crop Insurance - 100% 1 acre 13.29 13.29 Total Materials and Services \$145.42 *Insecticide for seed weevil and sunflower moth \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months 6.01 Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15 Custom 4 50% 1 acre 2.00 2.00 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15 Custom 4 50% 1 acre 2.00 Custom 4 50% 3.84 ounces 3.91 7.50 Custom 5.00 1 acre 2.00 2.00 Custom 5.00 1 acre 2.00 2.00 Custom 6.01 1 acre 2.00 Custom 7 100% 30 cwt 0.30 9.00 Custom 7 100% 30 cwt 0.30 ext 0.30 Custom 7 100% 30 cwt 0.30 ext 0.30 Custom 7 100% 30 cwt 0.30 ext 0.30 Custom 7 100% 30 cwt 0.30 Custom 7 100% 30 cwt 0.30	
* Aerial Spray Custom 4 50% 1 acre 8.00 4.00 * Warrior II/Zeon Insecticide 4 50% 3.84 ounces 3.91 7.50 Electricity Fixed Other 5 100% 1 acre 28.00 28.00 Haul Grain (Sunflower) Custom 7 100% 30 cwt 0.30 9.00 Sunflower Crop Insurance - 100% 1 acre 13.29 13.29 Total Materials and Services \$145.42 *Insecticide for seed weevil and sunflower moth Total Listed Costs for Field Operations and Materials and Services \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months 6.01 Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
* Warrior II/Zeon Insecticide 4 50% 3.84 ounces 3.91 7.50 Electricity Fixed Other 5 100% 1 acre 28.00 28.00 Haul Grain (Sunflower) Custom 7 100% 30 cwt 0.30 9.00 Sunflower Crop Insurance - 100% 1 acre 13.29 13.29 Total Materials and Services \$145.42 *Insecticide for seed weevil and sunflower moth Total Listed Costs for Field Operations and Materials and Services \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months 6.01 Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Electricity Fixed Other 5 100% 1 acre 28.00 28.00 Haul Grain (Sunflower) Custom 7 100% 30 cwt 0.30 9.00 Sunflower Crop Insurance - 100% 1 acre 13.29 13.29 Total Materials and Services \$145.42 *Insecticide for seed weevil and sunflower moth Total Listed Costs for Field Operations and Materials and Services \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months 6.01 Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Haul Grain (Sunflower) Custom 7 100% 30 cwt 0.30 9.00 Sunflower Crop Insurance - 100% 1 acre 13.29 13.29 Total Materials and Services \$145.42 *Insecticide for seed weevil and sunflower moth Total Listed Costs for Field Operations and Materials and Services \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Sunflower Crop Insurance – 100% 1 acre 13.29 13.29 Total Materials and Services \$145.42 *Insecticide for seed weevil and sunflower moth \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months 6.01 Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Total Materials and Services \$145.42 *Insecticide for seed weevil and sunflower moth Total Listed Costs for Field Operations and Materials and Services \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months 6.01 Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
*Insecticide for seed weevil and sunflower moth Total Listed Costs for Field Operations and Materials and Services Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs Overhead (accounting, liability insurance, vehicle cost, office expense) Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Total Listed Costs for Field Operations and Materials and Services \$263.39 Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months 6.01 Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs S269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Interest on Operating Capital \$218.55 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs \$269.40 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00% 124.60 Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Total Operating and Use-Related Ownership Costs \$269.40	
Overhead (accounting, liability insurance, vehicle cost, office expense)20.00Real Estate OpportunityPivot (Panhandle)\$3,115 per acre @ 4.00%124.60Real Estate Taxes\$3,115 per acre @ 1.00%31.15	
Real Estate OpportunityPivot (Panhandle)\$3,115 per acre @ 4.00%124.60Real Estate Taxes\$3,115 per acre @ 1.00%31.15	
Real Estate Taxes \$3,115 per acre @ 1.00% 31.15	
Total Cost per Acre Including Overhead \$445.15	
, , , , , , , , , , , , , , , , , , ,	
Cost per cwt \$ 14.84	
Cash Cost per cwt \$ 7.49	

2014 Budget 60. Wheat, No-Till after Row Crop, 50 bu Yield Goal (45 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
2	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
3	Aerial Spray	Custom								
4	Aerial Spray	Custom								
5	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
6	Truck	Custom								
	Total for Field Operations		\$6.07	\$8.81	\$6.63	\$4.54	\$14.84	\$8.21	\$49.10	
		1			Г	. 1.		Г		
					Percent	Applı	cation			
				Operation	Acres			Applied	1	Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	10-34-0	Fertilize	r	1	100%	8	gallons	2.55	20.40	
	Wheat (Certified and Treated)	Seed		1	100%	90	pounds	0.37	33.30	
	28-0-0	Fertilize		2	100%	75	lb N	0.57	42.50	
	Ally Extra SorghumW/ TOTSOL	Herbici	de	2	100%	0.3	ounces	9.00	2.70	
	2,4-D Ester 4#	Herbici	de	2	100%	0.5	pint	2.81	1.41	
	NIS	Additive	Additive	2	100%	6	ounces	0.10	0.61	
	* Aerial Spray	Custom		3	20%	1	acre	8.00	1.60	
	* Tilt	Fungici	de	3	20%	4	ounces	1.17	0.94	
	** Aerial Spray	Custom		4	15%	1	acre	8.00	1.20	
	** Lorsban 4E	Insectic	ide	4	10%	1	pint	6.88	0.69	
	** Warrior II/Zeon	Insectic	ide	4	5%	1.92	ounces	3.91	0.38	
	Haul Grain bu	Custom		5	100%	45	bushels	0.12	5.40	
	Scouting Wheat	Scoutin	g	-	100%	1	acre	8.00	8.00	
	Wheat After Crop	Crop In	surance	_	100%	1	acre	14.35	14.35	
	Total Materials and Service								\$133.48	
	*Fungicide for rust **Insec	ticide for ap	hids and arn	ny cutworm						
	Total Listed Costs for Field	Oporati	one and M	atorials and	Sarvicas				\$182.58	
	Interest on Opera					0/ for 6 m			4.39	
					ise @ 5.50	% 10r o 11	ionths			
	Total Operating and Use-R	kelated O	wnership	Costs					\$186.97	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
	Real Estate Opportunity	•	(Southwest)	* '					61.20	
	Real Estate Taxes	<u> </u>	. ,	\$1,530 per acre @ 1.00%					15.30	
	Total Cost per Acre Includi	ing Overl	nead	, , , , , , , , , , , , , , , , , , ,					\$283.47	
	Cost per Bushel								\$ 6.30	
	Cash Cost per Bushel								\$ 3.98	

2014 Budget 61. Wheat, No-Till Fallow, One Crop in Two Years, 60 bu Yield Goal (55 bu Actual Yield) Dryland

. , 	riana	l		Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50	107		0 11 11			Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
	Spray (Prior Year Stubble)	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	Spray (Prior Year Stubble)	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
;	Spray (Frier rear stable)	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
ŀ	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
,	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
,	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
7	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41	
	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
	Aerial Spray	Custom								
0	Aerial Spray	Custom								
1	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
2	Truck	Custom								
	Total for Field Operations		\$11.29	\$11.78	\$7.96	\$8.29	\$21.68	\$14.71	\$75.71	
٦		I			Percent	Appli	cation			
				Operation	Acres	11		Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
-	Glyphosate w/Surfactant	Herbicio	le .	11111111	100%	32	ounces	0.11	3.38	Louinule
ŀ	21-0-0-24S	Additive		1	100%	1.7	pounds	0.11	0.51	
-	Glyphosate w/Surfactant	Herbicio		2	100%	32	ounces	0.30	3.38	
ŀ	21-0-0-24S	Additive			100%	1.7		0.11	0.51	
-				2			pounds			
١	AAtrex 4L	Herbicio		2	100%	1		5.00	5.00	
	Glyphosate w/Surfactant	Herbicio		3	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive		3	100%	1.7	pounds	0.30	0.51	
١	Glyphosate w/Surfactant	Herbicio		4	100%	32	ounces	0.11	3.38	
١	21-0-0-24S	Additive		4	100%	1.7	pounds	0.30	0.51	
	Glyphosate w/Surfactant	Herbicio		5	100%	32	ounces	0.11	3.38	
	21-0-0-24S	Additive		5	100%	1.7	pounds	0.30	0.51	
	10-34-0	Fertilize	r	6	100%	8	gallons	2.55	20.40	
ı	Wheat (certified and treated)	Seed		6	100%	60	pounds	0.37	22.20	
ı	46-0-0	Fertilize	r	7	100%	70	lb N	0.52	36.40	
	Ally Extra SorghumW/ TOTSOL	Herbicio	de	8	100%	0.3	ounce	9.00	2.70	
1	2,4-D Ester 4#	Herbicio	de	8	100%	0.5	pint	2.81	1.41	
ı	NIS	Additive		8	100%	6	ounces	0.10	0.61	
ł	* Aerial Spray	Custom		9	20%	1	acre	8.00	1.60	
ł	* Tilt	Fungicio		9	20%	4	ounces	1.17	0.94	
ŀ	** Aerial Spray	Custom		10	15%					
-	** Lorsban 4E	Insectic			10%	1	acre	8.00	1.20	
				10		1 02	pint	6.88	0.69	
-	** Warrior II/Zeon	Insectic		10	5%	1.92	ounces	3.91	0.38	
	Haul Grain bu	Custom		12	100%	55	bushels	0.12	6.60	
	Scouting Wheat	Scouting		_	100%	1	acre	8.00	8.00	
ļ	Wheat Fallowed	Crop In	surance	_	100%	1	acre	8.22	8.22	
⅃	Total Materials and Service								\$135.80	
_	*Fungicide for rust **Insecticid	e for aphids	and army cu	ıtworm						
7	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$211.51	
	Interest on Opera					0/2 for 6	onthe		4.82	
ŀ	Total Operating and Use-R				186 @ 3.30	70 101 0 11	10111118		\$216.33	
_										
	Overhead (accounting, liab								20.00	
	Real Estate Opportunity	Dryland (Panhandle)	\$700 per ac					42.00	
	Real Estate Taxes			\$700 per ac	cre @ 1.00	%			10.50	
1	Total Cost per Acre Includi	ing Overl	nead						\$288.83	
1	Cost per Bushel	· ·							\$ 5.25	
	Cash Cost per Bushel								\$ 3.46	

2014 Budget 62. Wheat, Stubble Mulch Fallow, One Crop in Two Years, 55 bu Yield Goal (50 bu Actual Yield) Dryland

\neg				Fuel @	Rep	airs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Fallow Master	1	1.47	2.31	0.13	0.41	2.87	0.89	8.08	
2	Fallow Master	1	1.47	2.31	0.13	0.41	2.87	0.89	8.08	
3	Fallow Master	1	1.47	2.31	0.13	0.41	2.87	0.89	8.08	
4	Rod Weeder	1	1.52	1.63	0.15	0.10	3.26	0.44	7.10	
5	Rod Weeder	1	1.52	1.63	0.15	0.10	3.26	0.44	7.10	
6	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28	
7	Spray Fertilizer	1	1.63	0.50	0.15	0.38	3.19	1.68	7.53	
8	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
9	Aerial Spray	Custom								
10	Aerial Spray	Custom								
11	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
12	Truck	Custom								
	Total for Field Operations		\$15.88	\$19.74	\$8.00	\$9.61	\$32.57	\$10.68	\$96.48	
		Ι		Ι	Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	10-34-0	Fertilize	r	6	100%	8	gallons	2.55	20.40	Limite
	Wheat (Certified and Treated)	Seed		6	100%	55	pounds	0.37	20.35	
	28-0-0 2,4-D Ester 4# Ally Extra SorghumW/ TOTSOL	Fertilize	r	7	100%	65	lb N	0.57	36.83	
		D Ester 4# Herbicide Extra SorghumW/ Herbicide		8	100%	0.5	pint	2.81	1.41	
				8	100%	0.3	ounce	9.00	2.70	
	NIS			8	100%	6	ounces	0.10	0.61	
	* Aerial Spray	Custom		9	20%	1		8.00	1.60	
	* Tilt	Fungici	de	9	20%	4	ounces	1.17	0.94	
	** Aerial Spray	Custom		10	15%	1	acre	8.00	1.20	
	** Lorsban 4E	Insectic	ide	10	10%	1	pint	6.88	0.69	
	** Warrior II/Zeon	Insectic	ide	10	5%	1.92	ounces	3.91	0.38	
	Haul Grain bu	Custom		12	100%	50	bushels	0.12	6.00	
	Scouting Wheat	Scoutin	g	_	100%	1	acre	8.00	8.00	
	Wheat Fallowed	Crop In		-	100%	1	acre	8.22	8.22	
	Total Materials and Service	es		•	· · · · · ·		•	•	\$109.33	
			s and army cu	ıtworm						
	T . 1 . 1	10	1	1 1	0 .				d205.21	
	Total Listed Costs for Field					0.4.6. =	.1		\$205.81	
	Interest on Opera				ise @ 5.50°	% tor 6 m	nonths		4.47	
	Total Operating and Use-R	Related O	wnership (Costs					\$210.28	
	Overhead (accounting, liab	ility insu	rance, vehi	cle cost, offi	ce expense	e)			20.00	
		,						56.00		
		Dryland (Panhandle)	\$700 per ac	re (a) 4 (11)	70				
	Real Estate Opportunity	Dryland (Panhandle)	\$700 per ac						
	Real Estate Opportunity Real Estate Taxes	,		\$700 per ac \$700 per ac					14.00	
	Real Estate Opportunity	,		1						

2014 Budget 63. Wheat, Clean-Till Fallow, One Crop in Two Years, 50 bu Yield Goal (45 bu Actual Yield) Dryland

				Fuel @	Rep	airs	Own	ership				
		Times	Labor @	\$3.50	1					Your		
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate		
1	Disc	1	2.02	3.06	0.18	1.10	3.94	1.06	11.36			
2	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32			
3	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32			
4	Field Cultivation	1	1.47	2.20	0.13	0.74	2.87	0.91	8.32			
5	Rod Weeder	1	1.52	1.63	0.15	0.10	3.26	0.44	7.10			
6	Rod Weeder and Fertilizer	1	1.82	1.63	0.15	0.10	3.26	0.44	7.40			
7	Drill	1	2.93	2.68	0.73	6.31	3.71	1.92	18.28			
8	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24			
9	Aerial Spray	Custom										
10	Aerial Spray	Custom										
11	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99			
12	Truck	Custom										
	Total for Field Operations		\$16.57	\$21.97	\$8.03	\$11.32	\$33.32	\$10.12	\$101.33			
					Percent	Appli	cation					
				Operation	Acres			Applied		Your		
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate		
	32-0-0	Fertilizer		6	100%	50	lb N	0.55	27.50			
	10-34-0	Fertilizer		7	100%	8	gallons	2.55	20.40			
	Wheat (Certified and Treated)	Seed		7	100%	50	pounds	0.37	18.50			
	2,4-D Ester 4#	Herbicide		8	100%	0.5	pint	2.81	1.41			
	Ally Extra SorghumW/ TOTSOL	Herbicide		8	100%	0.3	ounces	9.00	2.70			
	NIS	Additive		8	100%	6	ounces	0.10	0.61			
	* Aerial Spray	Custom		9	20%	1	acre	8.00	1.60			
	* Tilt	Fungicide		9	20%	4	ounces	1.17	0.94			
	** Aerial Spray	Custom		10	15%	1	acre	8.00	1.20			
	** Lorsban 4E	Insecticide		10	10%	1	pint	6.88	0.69			
	** Warrior II/Zeon	Insecticide		10	5%	1.92	ounces	3.91	0.38			
	Haul Grain bu	Custom		12	100%	1	bushels	0.12	0.12			
	Scouting Wheat	Scouting Crop In		_	100% 100%	1	acre acre	8.00 8.22	8.00			
	Wheat Fallowed	8.22										
	Total Materials and Service		1						\$92.27			
	*Fungicide for rust **Insecticio	te for aphids	s and army cu	itworm								
	Total Listed Costs for Field	l Operation	ons and M	aterials and	Services				\$193.60			
						% for 6 m	nonths		4.13			
		Interest on Operating Capital \$150.16 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs										
	1				20 0X722 047 -	2)			\$197.73			
	Overhead (accounting, liab		20.00									
	Real Estate Opportunity		56.00									
	Real Estate Taxes		14.00									
	Total Cost per Acre Includ	ıng Overl	nead						\$287.73			
	Cost per Bushel								\$ 6.39			
	Cash Cost per Bushel								\$ 3.74			

2014 Budget 64. Wheat, No-Till Wheat before Corn, Two Crops in Three Years, 65 bu Yield Goal (60 bu Actual Yield) Dryland

Т				Fuel @	Rep	airs	Own	ership			
		Times	Labor @	\$3.50	_	_	_	_		Your	
┙	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate	
Ц	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24		
:	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24		
5	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24		
F	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24		
	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87		
5	Spread Fertilizer	1	1.57	1.22	0.43		2.19		5.41		
7 [Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24		
	Aerial Spray	Custom									
	Aerial Spray	Custom									
	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99		
1	Truck	Custom									
	Total for Field Operations		\$10.56	\$11.43	\$7.78	\$7.54	\$20.75	\$13.41	\$71.47		
_						A 1*	,·				
1					Percent	Арри	cation				
				Operation	Acres			Applied		Your	
	Materials and Services		_	Index	Applied	Rate	Unit	Price	Total	Estimate	
	Glyphosate w/Surfactant	Herbici		1	100%	32	ounces	0.11	3.38		
L	21-0-0-24S	Additive		1	100%	1.7	pounds	0.30	0.51		
L	2,4-D Ester 4#	Herbici		1	100%	1	pint	2.81	2.81		
L	Glyphosate w/Surfactant	Herbici		2	100%	32	ounces	0.11	3.38		
L	21-0-0-24S	Additive		2	100%	1.7	pounds	0.30	0.51		
L	2,4-D Ester 4#	Herbici		2	100%	1	pint	2.81	2.81		
L	Glyphosate w/Surfactant	Herbici		3	100%	32	ounces	0.11	3.38		
L	21-0-0-24S	Additive		3	100%	1.7	pounds	0.30	0.51		
L	2,4-D Ester 4#	Herbici		3	100%	1	pint	2.81	2.81		
L	Glyphosate w/Surfactant	Herbici		4	100%	32	ounces	0.11	3.38		
L	21-0-0-24S	Additive		4	100%	1.7	pounds	0.30	0.51		
L	10-34-0	Fertilize	r	5	100%	8	gallons	2.55	20.40		
L	Wheat (certified and treated)	Seed		5	100%	60	pounds	0.37	22.20		
L	46-0-0	Fertilize		6	100%	80	lb N	0.52	41.60		
	Ally Extra SorghumW/ TOTSOL	Herbici	de	7	100%	0.3	ounce	9.00	2.70		
ŀ	NIS	Additive	2	7	100%	6	ounces	0.10	0.61		
ŀ	2,4-D Ester 4#	Herbici		7	100%	0.5	pint	2.81	1.41		
ŀ	* Aerial Spray	Custom		8	20%	1	acre	8.00	1.60		
ŀ	* Tilt	Fungici		8	20%	4	ounces	1.17	0.94		
ŀ	** Aerial Spray	Custom		9	15%	1	acre	8.00	1.20		
ŀ	** Lorsban 4E	Insectic		9	10%	1	pint	6.88	0.69		
ŀ	** Warrior II/Zeon	Insectic		9	5%	1.92	ounces	3.91	0.38		
ŀ	Haul Grain bu		stom	11	100%	60	bushels	0.12	7.20		
ŀ	Scouting Wheat		uting	_	100%	1	acre	8.00	8.00		
ŀ	Wheat Fallowed		nsurance	_	100%	1	acre	8.22	8.22		
ŀ	Total Materials and Service			l	10070		1	3.22	\$141.14		
†			s and army cu	ıtworm					7-2212		
_	5	•	•								
T	Total Listed Costs for Field								\$212.61		
ſ	Interest on Opera	ting Cap	ital \$178.4	5 cash exper	ise @ 5.50	% for 6 m	nonths		4.91		
j	Total Operating and Use-Related Ownership Costs								\$217.52		
_	1		•		22.2	2)			20.00		
_	Overhead (accounting, liability insurance, vehicle cost, office expense)										
Ţ		•									
Ţ	Real Estate Opportunity	•	(Southwest)						91.80		
T		•	(Southwest)	\$1,530 per \$1,530 per					22.95		
Ţ	Real Estate Opportunity	Dryland (
T	Real Estate Opportunity Real Estate Taxes	Dryland (22.95		

2014 Budget 65. Wheat, No-Till after Beans, 100 bu Yield Goal (90 bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 8 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
		Times	Labor @	\$3.50						Your
	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
2	PivotD 125' Lift	8 ai	5.56	59.75	2.61	11.99	3.78	7.17	90.86	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	Aerial Spray	Custom								
5	Aerial Spray	Custom								
6	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
7	Truck	Custom								
	Total for Field Operations		\$11.63	\$68.56	\$9.24	\$16.53	\$18.62	\$15.38	\$139.96	
					Percent	Appli	cation			
				Operation	Acres			Applied		Your
	Materials and Services			Index	Applied	Rate	Unit	Price	Total	Estimate
	10-34-0	Fertilize	r	1	100%	8	gallons	2.55	20.40	
	Wheat (Certified and Treated)	Seed		1	100%	120	pounds	0.37	44.40	
	28-0-0	Fertilize	r	2	100%	120	lb N	0.57	68.00	
	2,4-D Ester 4#	Herbicide		3	100%	0.5	pint	2.81	1.41	
	Ally Extra SorghumW/	Herbicide		3	100%	0.3	ounce	9.00	2.70	
	TOTSOL									
	NIS	Additive		3	100%	6	ounces	0.10	0.61	
	* Aerial Spray	Custom		4	100%	1	acre	8.00	8.00	
	** Aerial Spray Cu	Fungicide		4	100%	4	ounces	1.17	4.69	
		Custom		5	15%	1	acre	8.00	1.20	
	** Lorsban 4E	Insectic		5	10%	1	pint	6.88	0.69	
	** Warrior II/Zeon			5	5%	1.92	ounces	3.91	0.38	
	Haul Grain bu		stom	7	100%	90	bushels	0.12	10.80	
	Scouting Wheat		uting	-	100%	1	acre	8.00	8.00	
	Wheat Irrigated		nsurance	_	100%	1	acre	13.21	13.21	
		Total Materials and Services							\$184.49	
	*Fungicide for rust **Insecticid	e for aphids	s and army cu	ıtworm						
	Total Listed Costs for Field	Operation	ons and M	aterials and	Services				\$324.45	
	Interest on Operating Capital \$290.45 cash expense @ 5.50% for 6 months								7.99	
		otal Operating and Use-Related Ownership Costs								
	Overhead (accounting, liab	ility insu	rance vehi	cle cost offi	ce expens	e)			20.00	
	Real Estate Opportunity Pivot (Panhandle) \$3,115 per acre @ 4.00%									
	Real Estate Opportunity Real Estate Taxes	\$3,115 per \$3,115 per		124.60 31.15						
		m ~ O 1	d	φ3,113 pei	acic @ 1.0	JU 70			\$508.19	
		otal Cost per Acre Including Overhead								
	Cost per Bushel								\$ 5.65	
	Cash Cost per Bushel								\$ 3.66	

2014 Budget 66. Wheat, No-Till, in Rotation (85 Bu Actual Yield) Pivot Irrigated, 800 GPM 35 PSI, 6 Acre-inches

				Fuel @	Rep	pairs	Own	ership		
		Times	Labor @	\$3.50					_	Your
Ш	Field Operations	or Qty	\$20/Hr	and Lube	Power	Ітр.	Power	Ітр.	Total	Estimate
1	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
2	No-Till Drill	1	2.20	2.44	0.20	3.05	4.30	4.68	16.87	
3	Spray	1	0.73	0.35	0.18	0.75	0.93	1.30	4.24	
4	PivotE 125' Lift w/Fertigation	6 ai	5.56	15.93	1.67	8.99	3.03	5.38	40.56	
5	Aerial Spray	Custom								
6	Aerial Spray	Custom								
7	Combine Small Grain	1	3.14	6.02	6.25	0.74	9.61	2.23	27.99	
8	Truck	Custom								
	Total for Field Operations		\$12.36	\$25.09	\$8.48	\$14.28	\$18.80	\$14.89	\$93.90	
		Π			Damasant	Appli	cation			
				Operation	Percent Acres	дүрн	Lunon	Applical		Your
	Materials and Services			Index	Acres Applied	Rate	Unit	Applied Price	Total	Estimate
	Glyphosate w/Surfactant	Herbicio	de .	1 1	100%	32	ounces	0.11	3.38	Loumate
	Valor XLT	Herbicio		1	100%	1.5	ounces	4.94	7.41	
	Wheat (Certified and Treated)	Seed		2	100%	60	pounds	0.37	22.20	
	11-52-0	Fertilize	r	2	100%	40	pounds	0.30	12.00	
	2,4-D Ester 4#	Herbicio		3	100%	0.5	pint	2.81	1.41	
	Ally Extra SorghumW/	Herbicio		3	100%	0.3	ounce	9.00	2.70	
	TOTSOL	Tierbien	Tierbieide		10070	0.5	ounce	7.00	2.70	
	NIS	Additive	2	3	100%	6	ounces	0.10	0.61	
	32-0-0 (Applied by Pivot)	Fertilize	r	4	100%	80	lb N	0.55	44.00	
	Electricity Fixed	Other		4	100%	1	acre	28.00	28.00	
	* Aerial Spray	Custom		5	100%	1	acre	8.00	8.00	
	* Tilt	Fungicio	de	5	100%	4	ounces	1.17	4.69	
	** Aerial Spray	Custom		6	15%	1	acre	8.00	1.20	
	** Lorsban 4E	Insectic	ide	6	10%	1	pint	6.88	0.69	
	** Warrior II/Zeon	Insectic	ide	6	5%	1.92	ounces	3.91	0.38	
	Haul Grain (Millet)	Custom		8	100%	85	cwt	0.24	20.40	
	Wheat Irrigated	Crop In	surance	_	100%	1	acre	13.21	13.21	
	Total Materials and Service							\$170.28		
	*Fungicide for rust **Insecticid	e for aphids	s and army cu	ıtworm						
	Total Listed Costs for Field Operations and Materials and Services \$264.18									
	Total Listed Costs for Field Operations and Materials and Services									
	Interest on Operating Capital \$230.49 cash expense @ 5.50% for 6 months Total Operating and Use-Related Ownership Costs									
	Total Operating and Use-R	\$270.52								
	Overhead (accounting, liability insurance, vehicle cost, office expense)									
	Real Estate Opportunity		anhandle)	\$3,115 per					20.00 124.60	
	Real Estate Taxes	11.01(1)		\$3,115 per					31.15	
	Total Cost per Acre Includi	ing Overl	nead	70,110 Per					\$446.27	
	Cost per Bushel								\$ 5.25	
	Cash Cost per Bushel								\$ 2.79	

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