

Table 1.A Estimated resource use and costs for field operations, per Acre

Rye

Conv. till - BroadcastUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread + Seed appl				1.00	Oct							0.7500	7.00	5.25	5.25
Rye Seed	lb											120.0000	0.26	31.20	31.20
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck) appl				1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.48	2.88	0.84	2.18	0.28	2.88			189.83	204.09
INTEREST ON OPERATING CAPITAL															7.54
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															215.23

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 2.A Estimated resource use and costs for field operations, per Acre

Rye

Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Rye Seed	lb											90.0000	0.26	23.40	23.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			176.28	201.50
INTEREST ON OPERATING CAPITAL															8.09
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															215.21

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 3.A Estimated resource use and costs for field operations, per Acre

Rye

No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Lime (Spread)	ton											0.5000	35.00	17.50	17.50
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	1.64	3.85	0.39	4.97				16.32
Rye Seed	lb											90.0000	0.26	23.40	23.40
Custom Spread(Truck)	appl			1.00	Feb							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.88	2.98	1.64	3.85	0.54	6.48			176.28	197.11
INTEREST ON OPERATING CAPITAL															6.96
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															208.48

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 4.A Estimated resource use and costs for field operations, per Acre
 Ryegrass
 Conv. till - Broadcast UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread + Seed appl				1.00	Oct							1.0000	7.00	7.00	7.00
Ryegrass Seed	lb											30.0000	0.42	12.60	12.60
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck) appl				1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck) appl				1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.48	2.88	0.84	2.18	0.28	2.88			202.48	216.74
INTEREST ON OPERATING CAPITAL															6.81
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															227.15

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 5.A Estimated resource use and costs for field operations, per Acre
 Ryegrass
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Ryegrass Seed	lb											25.0000	0.42	10.50	10.50
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			200.38	225.60
INTEREST ON OPERATING CAPITAL															7.82
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															239.04

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 6.A Estimated resource use and costs for field operations, per Acre
 Ryegrass
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	1.64	3.85	0.39	4.97				16.32
Ryegrass Seed	lb											25.0000	0.42	10.50	10.50
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.88	2.98	1.64	3.85	0.54	6.48			200.38	221.21
INTEREST ON OPERATING CAPITAL															6.94
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															232.56

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 7.A Estimated resource use and costs for field operations, per Acre
 Rye/ryegrass
 Conv. till - BroadcastUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread + Seed appl				1.00	Oct							1.0000	7.00	7.00	7.00
Rye Seed	lb											90.0000	0.26	23.40	23.40
Ryegrass Seed	lb											25.0000	0.42	10.50	10.50
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck) appl				1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck) appl				1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.48	2.88	0.84	2.18	0.28	2.88			223.78	238.04
INTEREST ON OPERATING CAPITAL															7.67
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															249.31

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 8.A Estimated resource use and costs for field operations, per Acre

Rye/ryegrass

Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Rye Seed	lb											75.0000	0.26	19.50	19.50
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			217.78	243.00
INTEREST ON OPERATING CAPITAL															8.52
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															257.14

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 9.A Estimated resource use and costs for field operations, per Acre
 Rye/ryegrass
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	1.64	3.85	0.39	4.97				16.32
Rye Seed	lb											75.0000	0.26	19.50	19.50
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Feb							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.88	2.98	1.64	3.85	0.54	6.48			217.78	238.61
INTEREST ON OPERATING CAPITAL															7.88
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															250.90

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 10.A Estimated resource use and costs for field operations, per Acre
Wheat/ryegrass
Conv. till - BroadcastUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread + Seed appl				1.00	Oct							1.0000	7.00	7.00	7.00
Wheat Seed	lb											90.0000	0.28	25.20	25.20
Ryegrass Seed	lb											25.0000	0.42	10.50	10.50
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck) appl				1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck) appl				1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.48	2.88	0.84	2.18	0.28	2.88			225.58	239.84
INTEREST ON OPERATING CAPITAL															7.74
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															251.18

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 11.A Estimated resource use and costs for field operations, per Acre
Wheat/ryegrass
Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Wheat Seed	lb											75.0000	0.28	21.00	21.00
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			219.28	244.50
INTEREST ON OPERATING CAPITAL															8.58
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															258.70

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 12.A Estimated resource use and costs for field operations, per Acre
Wheat/ryegrass
No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	1.64	3.85	0.39	4.97				16.32
Wheat Seed	lb											75.0000	0.28	21.00	21.00
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.88	2.98	1.64	3.85	0.54	6.48			219.28	240.11
INTEREST ON OPERATING CAPITAL															7.70
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															252.22

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 13.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass
 Conv. till - BroadcastUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread + Seed appl				1.00	Oct							1.0000	7.00	7.00	7.00
Oat Seed	lb											90.0000	0.28	25.20	25.20
Ryegrass Seed	lb											25.0000	0.42	10.50	10.50
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck) appl				1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck) appl				1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.48	2.88	0.84	2.18	0.28	2.88			233.08	247.34
INTEREST ON OPERATING CAPITAL															8.04
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															258.98

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 14.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Oat Seed	lb											75.0000	0.28	21.00	21.00
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Mar							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			219.28	244.50
INTEREST ON OPERATING CAPITAL															8.58
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															258.70

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 15.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass
 No-till - Drill UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	1.64	3.85	0.39	4.97				16.32
Oat Seed	lb											75.0000	0.28	21.00	21.00
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
Custom Spread(Truck)	appl			1.00	Feb							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.88	2.98	1.64	3.85	0.54	6.48			219.28	240.11
INTEREST ON OPERATING CAPITAL															7.94
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															252.46

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 16.A Estimated resource use and costs for field operations, per Acre
 Rye/arrowleaf
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Rye Seed	lb											75.0000	0.26	19.50	19.50
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			157.53	183.05
INTEREST ON OPERATING CAPITAL															8.12
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															196.79

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 17.A Estimated resource use and costs for field operations, per Acre
 Rye/arrowleaf
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rye Seed	lb											75.0000	0.26	19.50	19.50
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			157.53	173.47
INTEREST ON OPERATING CAPITAL															7.20
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															185.08

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 18.A Estimated resource use and costs for field operations, per Acre
 Ryegrass/arrowleaf
 Conv. till - Drill UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl			1.00	Feb							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			175.93	201.45
INTEREST ON OPERATING CAPITAL															8.17
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															215.24

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 19.A Estimated resource use and costs for field operations, per Acre
 Ryegrass/arrowleaf
 No-till - Drill UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Ryegrass Seed	lb											20.0000	0.42	8.40	8.40
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.11	2.57	0.78	1.83	0.46	5.48			175.93	191.70
INTEREST ON OPERATING CAPITAL															7.34
UNALLOCATED LABOR															3.91
TOTAL SPECIFIED COST															202.95

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 20.A Estimated resource use and costs for field operations, per Acre
 Rye/ryegrass/arrowleaf
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Rye Seed	lb											60.0000	0.26	15.60	15.60
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			189.43	214.95
INTEREST ON OPERATING CAPITAL															8.88
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															229.45

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 21.A Estimated resource use and costs for field operations, per Acre
 Rye/ryegrass/arrowleaf
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rye Seed	lb											60.0000	0.26	15.60	15.60
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			189.43	205.37
INTEREST ON OPERATING CAPITAL															7.94
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															217.72

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 22.A Estimated resource use and costs for field operations, per Acre
Wheat/ryegrass/ arrowleaf
Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			190.63	216.15
INTEREST ON OPERATING CAPITAL															8.93
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															230.70

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 23.A Estimated resource use and costs for field operations, per Acre
Wheat/ryegrass/ arrowleaf
No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			190.63	206.57
INTEREST ON OPERATING CAPITAL															7.99
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															218.97

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 24.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass/ arrowleaf
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck) appl												1.0000	7.00	7.00	7.00
Urea, Solid (46% N) cwt												0.7500	30.00	22.50	22.50
Phosphate (18-46-0) cwt												1.1000	37.50	41.25	41.25
Potash (0-0-60) cwt												0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Oat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck) appl				1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N) cwt												0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			190.63	216.15
INTEREST ON OPERATING CAPITAL															8.93
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															230.70

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 25.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass/ arrowleaf
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Oat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			190.63	206.57
INTEREST ON OPERATING CAPITAL															7.99
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															218.97

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 26.A Estimated resource use and costs for field operations, per Acre
 Rye/arrowleaf/crimson
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Rye Seed	lb											60.0000	0.26	15.60	15.60
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			186.95	212.47
INTEREST ON OPERATING CAPITAL															8.78
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															226.87

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 27.A Estimated resource use and costs for field operations, per Acre
 Rye/arrowleaf/crimson
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rye Seed	lb											60.0000	0.26	15.60	15.60
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			186.95	202.89
INTEREST ON OPERATING CAPITAL															7.84
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															215.14

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 28.A Estimated resource use and costs for field operations, per Acre
 Ryegrass/arrowleaf/crimson
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			177.65	203.17
INTEREST ON OPERATING CAPITAL															8.41
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															217.20

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 29.A Estimated resource use and costs for field operations, per Acre
 Ryegrass/arrowleaf/crimson
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			177.65	193.59
INTEREST ON OPERATING CAPITAL															7.47
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															205.47

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 30.A Estimated resource use and costs for field operations, per Acre
 Rye/ryegrass/arrowleaf/crimson
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Rye Seed	lb											60.0000	0.26	15.60	15.60
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			193.25	218.77
INTEREST ON OPERATING CAPITAL															9.03
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															233.42

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 31.A Estimated resource use and costs for field operations, per Acre
 Rye/ryegrass/arrowleaf/crimson
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rye Seed	lb											60.0000	0.26	15.60	15.60
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			193.25	209.19
INTEREST ON OPERATING CAPITAL															8.09
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															221.69

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 32.A Estimated resource use and costs for field operations, per Acre
Wheat/ryegrass/arrowleaf/crimson
Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			194.45	219.97
INTEREST ON OPERATING CAPITAL															9.08
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															234.67

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 33.A Estimated resource use and costs for field operations, per Acre
Wheat/ryegrass/arrowleaf/crimson
No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			194.45	210.39
INTEREST ON OPERATING CAPITAL															8.14
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															222.94

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 34.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass/arrowleaf/crimson
 Conv. till - Drill UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.78	1.83	0.31	3.97				11.26
Oat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						8.55	4.49	1.62	4.01	0.59	6.85			194.45	219.97
INTEREST ON OPERATING CAPITAL															9.08
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															234.67

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 35.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass/arrowleaf/crimson
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Oat Seed	lb											60.0000	0.28	16.80	16.80
Ryegrass Seed	lb											15.0000	0.42	6.30	6.30
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			194.45	210.39
INTEREST ON OPERATING CAPITAL															8.14
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															222.94

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 39.A Estimated resource use and costs for field operations, per Acre
 Rye & Wheat
 No-till - Drill UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Lime (Spread)	ton											0.5000	35.00	17.50	17.50
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	1.64	3.85	0.39	4.97				16.32
Rye Seed	lb											60.0000	0.26	15.60	15.60
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Custom Spread(Truck)	appl			1.00	Feb							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.0000	30.00	30.00	30.00
TOTALS						5.88	2.98	1.64	3.85	0.54	6.48			185.28	206.11
INTEREST ON OPERATING CAPITAL															7.31
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															217.83

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 40.A Estimated resource use and costs for field operations, per Acre
 Rye+Wheat/crimson
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rye Seed	lb											60.0000	0.26	15.60	15.60
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Custom Spread(Truck)	appl				Feb								7.00		
Urea, Solid (46% N)	cwt												30.00		
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			161.95	177.89
INTEREST ON OPERATING CAPITAL															7.37
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															189.67

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 41.A Estimated resource use and costs for field operations, per Acre
 Rye+Wheat/arrowleaf
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rye Seed	lb											60.0000	0.26	15.60	15.60
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Arrowleaf Clvr Seed	lb											8.0000	2.05	16.40	16.40
Custom Spread(Truck)	appl				Feb								7.00		
Urea, Solid (46% N)	cwt												30.00		
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			170.43	186.37
INTEREST ON OPERATING CAPITAL															7.71
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															198.49

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 42.A Estimated resource use and costs for field operations, per Acre
 Rye+Wheat/arrowleaf/crimson
 No-till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.7500	35.00	26.25	26.25
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl			1.00	Oct							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.7500	30.00	22.50	22.50
Phosphate (18-46-0)	cwt											1.1000	37.50	41.25	41.25
Potash (0-0-60)	cwt											0.8500	32.50	27.63	27.63
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rye Seed	lb											60.0000	0.26	15.60	15.60
Arrowleaf Clvr Seed	lb											6.0000	2.05	12.30	12.30
Crimson Clover Seed	lb											12.0000	0.66	7.92	7.92
Wheat Seed	lb											60.0000	0.28	16.80	16.80
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											0.6500	30.00	19.50	19.50
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			203.75	219.69
INTEREST ON OPERATING CAPITAL															8.51
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															232.61

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 43.A Estimated resource use and costs for field operations, per Acre

Kale

Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Kale Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			185.60	210.82
INTEREST ON OPERATING CAPITAL															7.46
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															223.90

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 44.A Estimated resource use and costs for field operations, per Acre
 Rape
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Rape Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			185.60	210.82
INTEREST ON OPERATING CAPITAL															7.46
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															223.90

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 45.A Estimated resource use and costs for field operations, per Acre
 Swede Turnip
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Swede Turnip Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			185.60	210.82
INTEREST ON OPERATING CAPITAL															7.46
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															223.90

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 46.A Estimated resource use and costs for field operations, per Acre
 Swede - grazing
 Conv. till - DrillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	2.74	1.44	0.42	1.09	0.14	1.44				7.13
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill	12'	2WD 105	0.157	1.00	Oct	3.07	1.61	0.69	1.62	0.31	3.97				10.96
Swede Turnip Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						8.55	4.49	1.53	3.80	0.59	6.85			185.60	210.82
INTEREST ON OPERATING CAPITAL															7.46
UNALLOCATED LABOR															5.62
TOTAL SPECIFIED COST															223.90

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 47.A Estimated resource use and costs for field operations, per Acre

Kale

no-tillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Kale Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			185.60	201.54
INTEREST ON OPERATING CAPITAL															7.18
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															213.13

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 48.A Estimated resource use and costs for field operations, per Acre
 Rape
 no-tillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Rape Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			185.60	201.54
INTEREST ON OPERATING CAPITAL															7.18
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															213.13

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 49.A Estimated resource use and costs for field operations, per Acre
 Swede
 no-tillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Swede Turnip Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			185.60	201.54
INTEREST ON OPERATING CAPITAL															7.18
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															213.13

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 50.A Estimated resource use and costs for field operations, per Acre
 Turnip
 no-tillUNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			1.00	Sep							0.5000	35.00	17.50	17.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	2.04	0.96			0.14	1.51				4.51
Custom Spread(Truck)	appl											1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	3.84	2.02	0.18	0.42	0.39	4.97				11.43
Swede Turnip Seed	lbs.											3.0000	1.70	5.10	5.10
Custom Spread(Truck)	appl			1.00	Jan							1.0000	7.00	7.00	7.00
Urea, Solid (46% N)	cwt											1.1000	30.00	33.00	33.00
Phosphate (18-46-0)	cwt											0.5000	37.50	18.75	18.75
Potash (0-0-60)	cwt											0.7000	32.50	22.75	22.75
TOTALS						5.88	2.98	0.18	0.42	0.54	6.48			185.60	201.54
INTEREST ON OPERATING CAPITAL															7.18
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															213.13

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 51.A Estimated resource use and costs for field operations, per
 Stockpiled Fescue
 UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Rotary Mower	12'	2WD 105	0.098	1.00	Sep	1.92	1.01	0.62	0.53	0.09	1.01				5.09
Custom Spread(Truck) appl				1.00	Sep								7.00		
Urea, Solid (46% N)	cwt											1.4000	30.00	42.00	42.00
TOTALS						1.92	1.01	0.62	0.53	0.09	1.01			42.00	47.09
INTEREST ON OPERATING CAPITAL															1.21
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															48.30

**August 2011 prices. Producer 3.75prices may vary considerably by location

Table 52.A Estimated resource use and costs for field operations, per
 Stockpiled Bermudagrass
 UNIVERSITY OF GEORGIA, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Rotary Mower	12'	2WD 105	0.098	1.00	Sep	1.92	1.01	0.62	0.53	0.09	1.01				5.09
Custom Spread(Truck) appl				1.00	Oct								7.00		
Urea, Solid (46% N)	cwt											1.4000	30.00	42.00	42.00
						-----				-----		-----			
TOTALS						1.92	1.01	0.62	0.53	0.09	1.01			42.00	47.09
INTEREST ON OPERATING CAPITAL															0.93
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															48.02

**August 2011 prices. Producer 3.75prices may vary considerably by location