

**WINTER ANNUAL FORAGE BUDGETS
NO-TILL ESTABLISHMENT
FOR GEORGIA**

**TECHNICAL INFORMATION FOR
BUDGETS**

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COLLEGE OF **AGRICULTURAL &**
ENVIRONMENTAL SCIENCES

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

Rye

No-till - DrillUNIVERSITY OF GEORGIA, 2009

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	1.41	0.90			0.14	1.51				3.82
Lime (Spread)	ton											0.5000	30.00	15.00	15.00
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	1.64	3.61	0.39	4.97				14.79
Rye Seed	lb											90.0000	0.31	27.90	27.90
Custom Spread(Truck)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
TOTALS						4.08	2.80	1.64	3.61	0.54	6.48			150.55	169.16
INTEREST ON OPERATING CAPITAL															5.21
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															178.78

Note: Fall 2009 prices. Costs may vary considerably by location□

Table 6.A Estimated resource use and costs for field operations, per Acre
 Ryegrass
 No-till - DrillUNIVERSITY OF GEORGIA, 2009

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	30.00	15.00	15.00
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	1.64	3.61	0.39	4.97				14.79
Ryegrass Seed	lb											25.0000	0.38	9.50	9.50
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
Custom Spread(Truck)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
TOTALS						4.08	2.80	1.64	3.61	0.54	6.48			164.75	183.36
INTEREST ON OPERATING CAPITAL															4.96
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															192.73

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	15.00	15.00
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	1.64	3.61	0.39	4.97				14.79
Rye Seed	lb											75.0000	0.31	23.25	23.25
Ryegrass Seed	lb											20.0000	0.38	7.60	7.60
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
Custom Spread(Truck)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
TOTALS						4.08	2.80	1.64	3.61	0.54	6.48			186.10	204.71
INTEREST ON OPERATING CAPITAL															5.89
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															215.01

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	15.00	15.00
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	1.64	3.61	0.39	4.97				14.79
Wheat Seed	lb											75.0000	0.26	19.50	19.50
Ryegrass Seed	lb											20.0000	0.38	7.60	7.60
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
Custom Spread(Truck)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
TOTALS						4.08	2.80	1.64	3.61	0.54	6.48			182.35	200.96
INTEREST ON OPERATING CAPITAL															5.58
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															210.95

Note: Fall 2009 prices. Costs may vary considerably by location

Table 15.A Estimated resource use and costs for field operations, per Acre
 Oat/ryegrass
 No-till - DrillUNIVERSITY OF GEORGIA, 2009

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	30.00	15.00	15.00
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	1.64	3.61	0.39	4.97				14.79
Oat Seed	lb											75.0000	0.31	23.25	23.25
Ryegrass Seed	lb											20.0000	0.38	7.60	7.60
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
Custom Spread(Truck)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.4000	19.00	26.60	26.60
TOTALS						4.08	2.80	1.64	3.61	0.54	6.48			186.10	204.71
INTEREST ON OPERATING CAPITAL															5.89
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															215.01

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Rye Seed	lb											75.0000	0.31	23.25	23.25
Arrowleaf Clvr Seed	lb											8.0000	1.83	14.64	14.64
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			133.54	147.48
INTEREST ON OPERATING CAPITAL															5.36
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															157.25

Note: Fall 2009 prices. Costs may vary considerably by location□

Table 19.A Estimated resource use and costs for field operations, per Acre
 Ryegrass/arrowleaf
 No-till - DrillUNIVERSITY OF GEORGIA, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill w/ small-seed	12'	2WD 105	0.157	1.00	Oct	2.13	1.52	0.78	1.72	0.31	3.97				10.12
Ryegrass Seed	lb											20.0000	0.38	7.60	7.60
Arrowleaf Clvr Seed	lb											8.0000	1.83	14.64	14.64
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						3.54	2.42	0.78	1.72	0.46	5.48			142.89	156.83
INTEREST ON OPERATING CAPITAL															5.25
UNALLOCATED LABOR															3.91
TOTAL SPECIFIED COST															165.99

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Rye Seed	lb											60.0000	0.31	18.60	18.60
Ryegrass Seed	lb											15.0000	0.38	5.70	5.70
Arrowleaf Clvr Seed	lb											8.0000	1.83	14.64	14.64
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			159.59	173.53
INTEREST ON OPERATING CAPITAL															5.88
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															183.82

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Wheat Seed	lb											60.0000	0.26	15.60	15.60
Ryegrass Seed	lb											15.0000	0.38	5.70	5.70
Arrowleaf Clvr Seed	lb											8.0000	1.83	14.64	14.64
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			156.59	170.53
INTEREST ON OPERATING CAPITAL															5.78
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															180.72

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Oat Seed	lb											60.0000	0.31	18.60	18.60
Ryegrass Seed	lb											15.0000	0.38	5.70	5.70
Arrowleaf Clvr Seed	lb											8.0000	1.83	14.64	14.64
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			159.59	173.53
INTEREST ON OPERATING CAPITAL															5.88
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															183.82

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Rye Seed	lb											60.0000	0.31	18.60	18.60
Arrowleaf Clvr Seed	lb											6.0000	1.83	10.98	10.98
Crimson Clover Seed	lb											12.0000	0.76	9.12	9.12
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			159.35	173.29
INTEREST ON OPERATING CAPITAL															5.87
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															183.57

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Ryegrass Seed	lb											15.0000	0.38	5.70	5.70
Arrowleaf Clvr Seed	lb											6.0000	1.83	10.98	10.98
Crimson Clover Seed	lb											12.0000	0.76	9.12	9.12
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			146.45	160.39
INTEREST ON OPERATING CAPITAL															5.42
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															170.22

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Rye Seed	lb											60.0000	0.31	18.60	18.60
Ryegrass Seed	lb											15.0000	0.38	5.70	5.70
Arrowleaf Clvr Seed	lb											6.0000	1.83	10.98	10.98
Crimson Clover Seed	lb											12.0000	0.76	9.12	9.12
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			165.05	178.99
INTEREST ON OPERATING CAPITAL															6.07
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															189.47

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Wheat Seed	lb											60.0000	0.26	15.60	15.60
Ryegrass Seed	lb											15.0000	0.38	5.70	5.70
Arrowleaf Clvr Seed	lb											6.0000	1.83	10.98	10.98
Crimson Clover Seed	lb											12.0000	0.76	9.12	9.12
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			162.05	175.99
INTEREST ON OPERATING CAPITAL															5.97
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															186.37

Note: Fall 2009 prices. Costs 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, 2009

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	30.00	22.50	22.50
Rotary Mower	8'	2WD 75	0.147	1.00	Sep	1.41	0.90			0.14	1.51				3.82
Custom Spread(Truck)	appl			1.00	Oct							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											1.0000	19.00	19.00	19.00
Phosphate (18-46-0)	cwt											1.1000	20.00	22.00	22.00
Potash (0-0-60)	cwt											0.8500	33.00	28.05	28.05
Drill N/T w/ sm seed	12'	2WD 105	0.196	1.00	Oct	2.67	1.90	0.18	0.40	0.39	4.97				10.12
Oat Seed	lb											60.0000	0.31	18.60	18.60
Ryegrass Seed	lb											15.0000	0.38	5.70	5.70
Arrowleaf Clvr Seed	lb											6.0000	1.83	10.98	10.98
Crimson Clover Seed	lb											12.0000	0.76	9.12	9.12
Custom Spread(Truck)	appl			1.00	Jan							1.0000	6.00	6.00	6.00
Amm Nitrate (34-0-0)	cwt											0.9000	19.00	17.10	17.10
TOTALS						4.08	2.80	0.18	0.40	0.54	6.48			165.05	178.99
INTEREST ON OPERATING CAPITAL															6.07
UNALLOCATED LABOR															4.41
TOTAL SPECIFIED COST															189.47

Note: Fall 2009 prices. Costs may vary considerably by location