

**WINTER ANNUAL FORAGE BUDGETS
BROADCAST ESTABLISHMENT
FOR GEORGIA**

**TECHNICAL INFORMATION FOR
BUDGETS**

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

Rye

Conv. till - BroadcastUNIVERSITY 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	
Lime (Spread)	ton			1.00	Sep							0.5000	30.00	15.00	15.00
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	1.91	1.36	0.42	1.02	0.14	1.44				6.15
Custom Spread + Seed appl				1.00	Oct							1.0000	6.00	6.00	6.00
Rye Seed	lb											120.0000	0.31	37.20	37.20
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
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	1.91	1.36	0.42	1.02	0.14	1.44				6.15
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
TOTALS						3.82	2.72	0.84	2.04	0.28	2.88			159.85	172.15
INTEREST ON OPERATING CAPITAL															5.54
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															181.29

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

Table 4.A Estimated resource use and costs for field operations, per Acre
 Ryegrass
 Conv. till - BroadcastUNIVERSITY 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
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	1.91	1.36	0.42	1.02	0.14	1.44				6.15
Custom Spread + Seed appl				1.00	Oct							1.0000	6.00	6.00	6.00
Ryegrass Seed	lb											30.0000	0.38	11.40	11.40
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
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	1.91	1.36	0.42	1.02	0.14	1.44				6.15
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						3.82	2.72	0.84	2.04	0.28	2.88			166.65	178.95
INTEREST ON OPERATING CAPITAL															4.84
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															187.39

Note: Fall 2009 prices. Costs 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, 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
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	1.91	1.36	0.42	1.02	0.14	1.44				6.15
Custom Spread + Seed appl				1.00	Oct							1.0000	6.00	6.00	6.00
Rye Seed	lb											90.0000	0.31	27.90	27.90
Ryegrass Seed	lb											25.0000	0.38	9.50	9.50
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
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	1.91	1.36	0.42	1.02	0.14	1.44				6.15
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						3.82	2.72	0.84	2.04	0.28	2.88			192.65	204.95
INTEREST ON OPERATING CAPITAL															5.75
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															214.30

Note: Fall 2009 prices. Costs 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, 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
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	1.91	1.36	0.42	1.02	0.14	1.44				6.15
Custom Spread + Seed appl				1.00	Oct							1.0000	6.00	6.00	6.00
Wheat Seed	lb											90.0000	0.26	23.40	23.40
Ryegrass Seed	lb											25.0000	0.38	9.50	9.50
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
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	1.91	1.36	0.42	1.02	0.14	1.44				6.15
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						3.82	2.72	0.84	2.04	0.28	2.88			188.15	200.45
INTEREST ON OPERATING CAPITAL															5.59
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															209.64

Note: Fall 2009 prices. Costs 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, 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
Disk Harrow	14'	2WD 105	0.140	1.00	Sep	1.91	1.36	0.42	1.02	0.14	1.44				6.15
Custom Spread + Seed appl				1.00	Oct							1.0000	6.00	6.00	6.00
Oat Seed	lb											90.0000	0.31	27.90	27.90
Ryegrass Seed	lb											25.0000	0.38	9.50	9.50
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
Disk Harrow	14'	2WD 105	0.140	1.00	Oct	1.91	1.36	0.42	1.02	0.14	1.44				6.15
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						3.82	2.72	0.84	2.04	0.28	2.88			192.65	204.95
INTEREST ON OPERATING CAPITAL															5.75
UNALLOCATED LABOR															3.60
TOTAL SPECIFIED COST															214.30

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