

Table 1.A Estimated resource use and costs for field operations, per acre  
Wheat and Rye-Conventional Tillage  
University of Georgia, 2005

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-----			
Disk Harrow	14'	90-119 hp	0.134	2.00	Oct	4.22	2.93	0.87	1.73	0.26	2.41				12.16
Amm Nitrate (34%N)	cwt			1.00	Oct							1.5000	16.25	24.38	24.38
DAP (18-46-0)	cwt											1.3000	16.25	21.13	21.13
Potash (60% K2O)	cwt											1.5000	15.00	22.50	22.50
Lime (Spread)	ton											0.5000	24.00	12.00	12.00
Grain Drill	12'	90-119 hp	0.156	1.00	Oct	2.46	1.71	1.11	2.51	0.15	1.40				9.19
Wheat Seed	Bu											1.5000	8.75	13.13	13.13
Rye Seed	Bu											1.5000	10.00	15.00	15.00
Amm Nitrate (34%N)	cwt			1.00	Feb							2.2500	16.25	36.56	36.56
TOTALS						6.68	4.64	1.98	4.24	0.42	3.81			144.70	166.05
INTEREST ON OPERATING CAPITAL															0.61
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															166.66

Costs may vary by location and input availability

Table 2.A Estimated resource use and costs for field operations, per acre  
Wheat and Rye-No-till  
University of Georgia, 2005

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-----			
Amm Nitrate (34%N)	cwt		1.00	Oct								1.5000	16.25	24.38	24.38
DAP (18-46-0)	cwt											1.3000	16.25	21.13	21.13
Potash (60% K2O)	cwt											1.5000	15.00	22.50	22.50
Lime (Spread)	ton											0.5000	24.00	12.00	12.00
No-Till Grain Drill	12'	90-119 hp	0.195	1.00	Oct	3.07	2.13	3.13	7.07	0.19	1.76				17.16
Wheat Seed	Bu											1.5000	8.75	13.13	13.13
Rye Seed	Bu											1.5000	10.00	15.00	15.00
Amm Nitrate (34%N)	cwt		1.00	Feb								2.2500	16.25	36.56	36.56
						-----		-----		-----		-----			
TOTALS						3.07	2.13	3.13	7.07	0.19	1.76			144.70	161.86
INTEREST ON OPERATING CAPITAL															0.60
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															162.46

Costs may vary by location and input availability

Table 3.A Estimated resource use and costs for field operations, per acre  
 Ryegrass-Conventional Tillage  
 University of Georgia, 2005

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-----			
Disk Harrow	14'	90-119 hp	0.134	2.00	Oct	4.22	2.93	0.87	1.73	0.26	2.41				12.16
Amm Nitrate (34%N)	cwt			1.00	Nov							1.5000	16.25	24.38	24.38
DAP (18-46-0)	cwt											1.3000	16.25	21.13	21.13
Potash (60% K20)	cwt											1.5000	15.00	22.50	22.50
Lime (Spread)	ton											0.5000	24.00	12.00	12.00
Spin Spreader	4 Ton	90-119 hp	0.100	1.00	Nov	1.58	1.09	0.71	1.31	0.10	0.90				5.59
Ryegrass Seed	lb											15.0000	0.45	6.75	6.75
Amm Nitrate (34%N)	cwt			1.00	Mar							2.2500	16.25	36.56	36.56
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TOTALS						5.80	4.02	1.58	3.04	0.36	3.31			123.32	141.07
INTEREST ON OPERATING CAPITAL															0.44
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															141.51

Costs may vary by location and input availability

Table 4.A Estimated resource use and costs for field operations, per acre  
 Ryegrass-No-till  
 University of Georgia, 2005

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-----			
Amm Nitrate (34%N)	cwt			1.00	Nov							1.5000	16.25	24.38	24.38
DAP (18-46-0)	cwt											1.3000	16.25	21.13	21.13
Potash (60% K2O)	cwt											1.5000	15.00	22.50	22.50
Lime (Spread)	ton											0.5000	24.00	12.00	12.00
No-Till Grain Drill	12'	90-119 hp	0.195	1.00	Nov	3.07	2.13	3.13	7.07	0.19	1.76				17.16
Ryegrass Seed	lb											15.0000	0.45	6.75	6.75
Amm Nitrate (34%N)	cwt			1.00	Mar							2.2500	16.25	36.56	36.56
						-----		-----		-----		-----			
TOTALS						3.07	2.13	3.13	7.07	0.19	1.76			123.32	140.48
INTEREST ON OPERATING CAPITAL															0.43
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															140.91

Costs may vary by location and input availability