

Estimated Equipment Cost

55 HP Equipment		Cost \$/Hr.		
Tractor Size	EquipName	VarCost	FixCost	Hrs./Acre
55	Tractor 55 HP	4.20	7.50	--
55	Sprayer(8 Row)	5.40	2.00	0.08
55	Heavy Disc	5.80	4.40	0.16
55	Moldboard Plow	5.70	4.30	0.43
55	Chisel Plow	5.60	2.70	0.24
55	Ripper	6.10	7.20	0.25
55	Rotary Mower	5.80	3.30	0.34
55	Planters	7.00	6.50	0.14
55	Grain Drill	6.60	6.00	0.18
55	Cultivator	5.00	2.90	0.28
55	Transplanter	7.40	6.30	2.30
55	Fert. Applicator	6.80	3.20	0.19
55	Farm Wagon	5.70	9.35	1.00
55	Precision Planter	11.20	21.25	0.20
55	Nurse Tank	4.58	9.00	0.20

135 HP Equipment		Cost \$/Hr.		
Tractor Size	EquipName	VarCost	FixCost	Hrs./Acre
135	Tractor 135 HP	10.20	14.10	--
135	Heavy Disc	13.80	23.40	0.10
135	Moldboard Plow	13.10	25.20	0.24
135	Chisel Plow	12.20	29.50	0.11
135	Ripper	12.40	22.00	0.16
135	Planters	14.30	25.20	0.07
135	Grain Drill	15.00	25.30	0.09
135	Cultivator	11.70	20.50	0.40
135	Ripper Planter	21.79	39.09	0.20
135	Field Cultivator	13.38	20.25	0.08

Estimated Equipment Cost

80 HP Equipment		Cost \$/Hr.		
Tractor Size	EquipName	VarCost	FixCost	Hrs./Acre
80	Tractor 80 HP	7.50	10.50	--
80	Sprayer(18 Row)	11.01	14.69	0.05
80	Heavy Disc	10.30	17.50	0.13
80	Moldboard Plow	9.60	17.60	0.25
80	Chisel Plow	9.20	14.50	0.17
80	Ripper	9.30	17.70	0.17
80	Rotary Mower	10.40	17.80	0.23
80	Planters	10.90	18.20	0.11
80	Grain Drill	11.30	19.50	0.13
80	Cultivator	8.50	14.40	0.28
80	Digger-Inverter	19.59	26.68	0.92

190 HP Equipment		Cost \$/Hour		
Tractor Size	EquipName	VarCost	FixCost	Hrs./Acre
190	Tractor	15.42	18.03	
190	Heavy Disc	23.35	30.72	0.06
190	Moldboard Plow	37.74	50.65	0.18
190	Chisel Plow	17.8	22.67	0.115
190	Ripper	25.01	32.44	0.095
190	Cultivator	19.5	25.00	0.095
190	Min-Til Planter	51.16	83.39	0.073

Adapted from material provided by Tim Hewitt, Extension Specialist, Professor of Food & Resource Economics
 Gary Mikulecky, Extension Agent

