

2013 Alabama Major Row Crops Machinery Costs

Adopted from Mississippi State University's 2013 Planning Budgets

Labor Rate charged at
Diesel Fuel

\$11.23 per hour
3.4 per gallon

Machinery Type	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Fuel	R&M	Total Direct	Fixed	Total Cost	
	HP				gal/hr			-----\$/hour-----			
Combine	(250-299 hp)	265	259,000	300	8	13.64	47.74	26.97	74.71	108.04	182.75
Combine	(300-349 hp)	325	298,000	300	8	16.73	58.55	31.04	89.59	124.31	213.90
Combine	(350-379 hp)	355	316,000	300	8	18.27	63.94	32.91	96.85	131.82	228.67
Combine	(400-449 hp)	425	339,000	300	8	21.87	76.56	35.31	111.87	141.42	253.29
Combine	(450-499hp)	475	356,000	300	8	24.44	85.57	37.08	122.65	148.51	271.16
Cotton Stripper		173	170,000	200	8	8.08	28.28	26.56	54.84	106.37	161.21
Tractor(20-39hp)CB	MFWD	30	28,100	600	8	1.54	5.4	0.87	6.27	5.37	11.64
Tractor(20-39hp)RB	MFWD	30	17,400	600	8	1.54	5.4	0.54	5.94	3.32	9.26
Tractor(40-59hp)CB	2WD	50	35,200	600	8	2.57	9	1.1	10.10	6.73	16.83
Tractor(40-59hp)CB	MFWD	50	36,700	600	8	2.57	9	1.14	10.14	7.02	17.16
Tractor(40-59hp)RB	2WD	50	20,500	600	8	2.57	9	0.64	9.64	3.92	13.56
Tractor(40-59hp)RB	MFWD	50	29,000	600	8	2.57	9	0.9	9.90	5.54	15.44
Tractor(60-89hp)CB	2WD	75	45,300	600	8	3.86	13.51	1.41	14.92	8.66	23.58
Tractor(60-89hp)CB	MFWD	75	49,400	600	8	3.86	13.51	1.54	15.05	9.44	24.49
Tractor(60-89hp)RB	2WD	75	33,600	600	8	3.86	13.51	1.05	14.56	6.42	20.98
Tractor(60-89hp)RB	MFWD	75	40,300	600	8	3.86	13.51	1.25	14.76	7.70	22.46
Tractor(90-119hp)CB	2WD	105	57,700	600	8	5.4	18.91	1.8	20.71	11.03	31.74
Tractor(90-119hp)CB	MFWD	105	74,700	600	8	5.4	18.91	2.33	21.24	14.28	35.52
Tractor(90-119hp)RB	2WD	105	45,800	600	8	5.4	18.91	1.43	20.34	8.76	29.10
Tractor(90-119hp)RB	MFWD	105	51,800	600	8	5.4	18.91	1.61	20.52	9.90	30.42
Tractor(120-139hp)CB	2WD	130	82,300	600	8	6.69	23.41	2.57	25.98	15.74	41.72
Tractor(120-139hp)CB	MFWD	130	101,000	600	8	6.69	23.41	3.15	26.56	19.32	45.88
Tractor(140-159hp)CB	2WD	150	131,000	600	8	7.72	27.02	4.09	31.11	25.05	56.16
Tractor(140-159hp)CB	MFWD	150	133,000	600	8	7.72	27.02	4.15	31.17	25.44	56.61
Tractor(160-179hp)CB	MFWD	170	144,000	600	8	8.75	30.62	4.5	35.12	28.79	63.91
Tractor(180-199hp)CB	MFWD	190	154,000	600	8	9.77	34.22	4.81	39.03	30.79	69.82
Tractor(200-249hp)CB	MFWD	225	208,000	600	8	11.58	40.53	6.5	47.03	41.58	88.61
Tractor(200-249hp)CB	Track	225	258,000	600	8	11.58	40.53	8.06	48.59	51.58	100.17
Tractor(250-349hp)CB	4WD	300	262,000	600	8	15.44	54.04	8.18	62.22	52.38	114.60
Tractor(250-349hp)CB	MFWD	300	247,000	600	8	15.44	54.04	7.71	61.75	49.38	111.13
Tractor(250-349hp)CB	Track	300	260,000	600	8	15.44	54.04	8.12	62.16	51.98	114.14
Tractor(350-449hp)CB	4WD	400	300,000	600	8	20.58	72.06	9.37	81.43	59.98	141.41
Tractor(350-449hp)CB	Track	400	345,000	600	8	20.58	72.06	10.78	82.84	68.97	151.81
Tractor(450-550hp)CB	4WD	500	343,000	600	8	25.73	90.07	10.71	100.78	68.57	169.35
Tractor(450-550hp)CB	Track	500	376,000	600	8	25.73	90.07	11.75	101.82	75.17	176.99
Utility Vehicle	800 CC		7,400	200	8	0.7	2.38	1.15	3.53	4.63	8.16
Utility Vehicle-mule	600 CC		7,100	200	8	0.5	1.7	1.1	2.80	4.44	7.24

Machinery Type	Size HP	Purchase Annual		Useful Life years	Fuel Use gal/hr	Perf Rate hr/ac	Fuel	R&M	Total Direct	Fixed	Total Cost
		Price Dollars	Use hours								
							-----\$/acre-----				
Cotton Picker	4R-30(350)	350,000	200	8	18.01	0.327	20.64	17.9	38.54	71.70	110.24
Cotton Picker	4R-38(255)	267,000	200	8	13.12	0.257	11.84	10.75	22.59	43.06	65.65
Cotton Picker	4R-38(350)	382,000	200	8	18.01	0.257	16.25	15.38	31.63	61.62	93.25
Cotton Picker	6R-30(355)	441,000	200	8	18.27	0.218	13.95	15.03	28.98	60.22	89.20
Cotton Picker	6R-38(355)	441,000	200	8	18.27	0.172	11.02	11.87	22.89	47.55	70.44
Cotton Picker/Module	4R-38(365)	515,000	200	8	18.78	0.257	16.95	20.74	37.69	83.07	120.76
Cotton Picker/Module	6R-30(365)	572,000	200	8	18.78	0.218	14.35	19.5	33.85	78.11	111.96
Cotton Picker/Module	6R-30(500)	609,000	200	8	25.73	0.218	19.65	20.76	40.41	83.17	123.58
Cotton Picker/Module	6R-38(365)	571,000	200	8	18.78	0.172	11.33	15.37	26.70	61.56	88.26
Cotton Picker/Module	6R-38(500)	610,000	200	8	2	0.172	15.52	16.42	31.94	65.77	97.71
Dry Applicator SP	70'-300cuft	281,000	350	8	16.98	0.015	0.89	0.22	1.11	1.51	2.62
Sprayer 110Gal	30' - 50hp	43,300	350	8	2.41	0.035	0.29	0.08	0.37	0.54	0.91
Sprayer 300-450gal	60' -125hp	103,000	350	8	5.66	0.017	0.34	0.09	0.43	0.64	1.07
Sprayer 300-450gal	80' - 125hp	103,000	350	8	6.43	0.013	0.29	0.07	0.36	0.48	0.84
Sprayer 600-750gal	60' - 175hp	161,000	350	8	9	0.017	0.55	0.15	0.70	1.01	1.71
Sprayer 600-825gal	80' - 175hp	161,000	350	8	11.81	0.013	0.54	0.11	0.65	0.76	1.41
Sprayer 600-825gal	90' - 250hp	237,000	350	8	12.73	0.011	0.52	0.14	0.66	0.99	1.65
Sprayer 800gal	100' - 250hp	232,000	350	8	14.15	0.01	0.52	0.13	0.65	0.87	1.52
Sprayer 800gal	80' - 250hp	233,000	350	8	12.86	0.013	0.59	0.16	0.75	1.10	1.85
Sprayer 1000-1400gal	90' - 275hp	272,000	350	8	14.15	0.01	0.52	0.15	0.67	1.02	1.69
Sprayer 1000gal	100' - 300hp	274,000	350	8	15.44	0.01	0.57	0.15	0.72	1.03	1.75
Sprayer 1200+gal	120' - 300hp	286,000	350	8	15.44	0.008	0.47	0.13	0.60	0.90	1.50
Utility Vehicle	20'	7,400	200	8	0.7	0.052	0.12	0.06	0.18	0.24	0.42
Utility Vehicle	75" - ropewic	7,100	200	8	0.5	0.17	0.29	0.18	0.47	0.75	1.22

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate	-----\$/acre-----					
Bed-Disk (Hipper)	4R-38	MFWD	150	7,700	160	10	0.147	3.98	0.89	4.87	4.51	9.38
Bed-Disk (Hipper)	6R-30	MFWD	170	10,700	160	10	0.125	3.82	0.89	4.71	4.48	9.19
Bed-Disk (Hipper)	6R-38	MFWD	170	12,600	160	10	0.098	3.02	0.75	3.77	3.67	7.44
Bed-Disk (Hipper)	8R-30	MFWD	190	14,800	160	10	0.093	3.20	0.79	3.99	3.81	7.80
Bed-Disk (Hipper)	10R-30	MFWD	225	22,900	160	10	0.075	3.04	0.90	3.94	4.26	8.20
Bed-Disk (Hipper)	10R-38	MFWD	225	23,700	160	10	0.059	2.39	0.73	3.12	3.39	6.51
Bed-Disk (Hipper)	12R-30	MFWD	225	27,900	160	10	0.062	2.53	0.83	3.36	3.76	7.12
Bed-Disk (Hipper)	12R-38	MFWD	225	27,700	160	10	0.049	1.99	0.66	2.65	2.96	5.61
Bed-Disk (Hipper)Fl	8R-38	MFWD	190	20,400	160	10	0.074	2.53	0.72	3.25	3.29	6.54
Bed-Disk (Hipper)Rd	8R-38	MFWD	190	15,100	160	10	0.074	2.53	0.62	3.15	3.03	6.18
Bed-Disk w/roller	8R-30	MFWD	190	21,000	160	10	0.093	3.20	0.94	4.14	4.20	8.34
Bed-Disk w/roller	12R-30	MFWD	225	35,800	160	10	0.062	2.53	0.95	3.48	4.09	7.57
Bed-Disk w/roller	8R-38	MFWD	190	24,100	160	10	0.074	2.53	0.79	3.32	3.48	6.80
Bed-Middle Buster	4R-38	MFWD	150	10,800	160	8	0.228	6.17	1.51	7.68	7.65	15.33
Bed-Middle Buster	6R-38	MFWD	150	12,800	160	8	0.12	3.24	0.85	4.09	4.20	8.29
Bed-Middle Buster	8R-30	MFWD	190	20,781	160	8	0.114	3.90	1.09	4.99	5.28	10.27
Bed-Middle Buster	8R-38	MFWD	190	18,100	160	8	0.09	3.08	0.81	3.89	3.99	7.88
Bed-Middle Buster	10R-30	MFWD	225	29,300	160	8	0.091	3.70	1.21	4.91	5.79	10.70
Bed-Middle Buster	10R-38	MFWD	225	32,100	160	8	0.072	2.92	1.00	3.92	4.72	8.64
Bed-Middle Buster	12R-38	MFWD	225	29,200	160	8	0.06	2.43	0.80	3.23	3.80	7.03
Bed-Paratill Fold	8R-38	MFWD	225	54,400	150	12	0.08	3.27	2.10	5.37	6.15	11.52
Bed-Paratill Fold	12R-38	MFWD	225	69,100	150	12	0.053	2.17	1.68	3.85	4.60	8.45
Bed-Paratill Rigid	4R-30	MFWD	225	14,800	150	12	0.204	8.28	2.41	10.69	10.42	21.11
Bed-Paratill Rigid	4R-38	MFWD	225	13,900	150	12	0.16	6.52	1.84	8.36	8.11	16.47
Bed-Paratill Rigid	6R-30	MFWD	225	20,100	150	12	0.136	5.52	1.86	7.38	7.40	14.78
Bed-Paratill Rigid	6R-38	MFWD	225	18,800	150	12	0.107	4.35	1.42	5.77	5.76	11.53
Bed-Paratill Rigid	8R-30	MFWD	225	28,100	150	12	0.102	4.14	1.69	5.83	6.07	11.90
Bed-Paratill Rigid	8R-38	MFWD	225	26,900	150	12	0.08	3.27	1.30	4.57	4.73	9.30
Bed-Paratill w/rol	4R-30	MFWD	225	14,100	150	12	0.204	8.28	2.36	10.64	10.33	20.97
Bed-Paratill w/rol	4R-38	MFWD	225	14,100	150	12	0.16	6.52	1.85	8.37	8.13	16.50
Bed-Paratill w/rol	6R-38	MFWD	225	18,600	150	12	0.107	4.35	1.41	5.76	5.74	11.50
Bed-Rip/Disk Fold.	8R-38	MFWD	190	32,200	300	20	0.073	2.50	0.46	2.96	2.81	5.77

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
Bed-Rip/Disk Fold.	12R-30	MFWD	225	48,200	300	20	0.061	2.49	0.54	3.03	3.28	6.31
Bed-Rip/Disk Fold.	12R-38	MFWD	225	48,100	300	20	0.046	1.87	0.41	2.28	2.46	4.74
Bed-Rip/Disk Rigid	4R-30	MFWD	190	13,700	300	20	0.184	6.32	1.00	7.32	6.30	13.62
Bed-Rip/Disk Rigid	4R-38	MFWD	190	13,700	300	20	0.146	5.02	0.80	5.82	4.99	10.81
Bed-Rip/Disk Rigid	6R-38	MFWD	190	21,400	300	20	0.097	3.33	0.56	3.89	3.49	7.38
Bed-Rip/Disk Rigid	8R-30	MFWD	190	26,900	300	20	0.139	4.75	0.84	5.59	5.18	10.77
Bed-Rip/Disk Rigid	8R-38	MFWD	190	26,900	300	20	0.073	2.50	0.44	2.94	2.71	5.65
Bed-Rip/Disk Rigid	6R-30	MFWD	190	21,400	300	20	0.123	4.21	0.72	4.93	4.43	9.36
Bed-Rip/Disk/Cond.	6-Row	MFWD	225	19,300	150	12	0.107	4.35	1.43	5.78	5.79	11.57
Bed-Rip/Disk/Cond.	8-Row	MFWD	225	23,000	150	12	0.08	3.27	1.19	4.46	4.53	8.99
Bed-Roll-Fold.	8R-38	MFWD	190	24,700	160	10	0.074	2.53	0.80	3.33	3.50	6.83
Bed-Roll-Fold.	12R-30	MFWD	225	26,500	160	10	0.062	2.53	0.81	3.34	3.70	7.04
Bed-Roll-Fold.	12R-38	MFWD	225	29,700	160	10	0.049	1.99	0.68	2.67	3.03	5.70
Bed-Roll-Fold.	16R-30	MFWD	225	30,900	160	10	0.046	1.90	0.66	2.56	2.91	5.47
Bed-Roll-Rigid	8R-38	MFWD	190	18,400	160	10	0.074	2.53	0.69	3.22	3.19	6.41
Blade-Box	6'-7'	2WD	130	1,030	200	20	0.02	0.46	0.05	0.51	0.31	0.82
Boll Buggy	4R-30(325)	MFWD	190	26,200	200	10	0.327	11.20	3.71	14.91	14.52	29.43
Boll Buggy	4R-38(255)	MFWD	190	26,200	200	10	0.257	8.82	2.92	11.74	11.42	23.16
Boll Buggy	4R-38(325)	MFWD	190	26,200	200	10	0.257	8.82	2.92	11.74	11.42	23.16
Boll Buggy	6R-30(325)	MFWD	190	26,200	200	10	0.218	7.47	2.47	9.94	9.68	19.62
Boll Buggy	6R-38(330)	MFWD	190	26,200	200	10	0.172	5.89	1.94	7.83	7.63	15.46
Boll Buggy-Stripper	4R-36	MFWD	150	26,200	200	10	0.272	7.37	2.91	10.28	10.64	20.92
Boll Buggy-Stripper	4R-38	MFWD	150	26,200	200	10	0.257	6.96	2.75	9.71	10.04	19.75
Boll Buggy-Stripper	6R-30	MFWD	150	26,200	200	10	0.218	5.89	2.32	8.21	8.51	16.72
Boll Buggy-Stripper	6R-38	MFWD	150	26,200	200	10	0.172	4.65	1.83	6.48	6.71	13.19
Boll Buggy-Stripper	8R-30	MFWD	150	26,200	200	10	0.163	4.42	1.75	6.17	6.38	12.55
Boll Buggy-Stripper	8R-36/38	MFWD	150	26,200	200	10	0.129	3.49	1.37	4.86	5.04	9.90

Machinery Type	Tractor/Power Unit	Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total		
	Size	Size	Price	Use	Life	Rate		Direct	Cost	Cost		
							-----\$/acre-----					
Chisel Plow-Folding	16'	2WD	130	21,300	150	12	0.115	2.70	1.17	3.87	3.38	7.25
Chisel Plow-Folding	24'	MFWD	190	33,200	150	12	0.076	2.61	1.27	3.88	3.97	7.85
Chisel Plow-Folding	32'	MFWD	225	37,000	150	12	0.057	2.34	1.14	3.48	3.76	7.24
Chisel Plow-Folding	42'	MFWD	225	43,700	150	12	0.044	1.78	0.97	2.75	3.05	5.80
Chisel Plow-Folding	50'	MFWD	225	67,000	150	10	0.036	1.49	1.31	2.80	3.30	6.10
Chisel Plow-Folding	61'	MFWD	225	71,300	150	12	0.03	1.22	0.97	2.19	2.64	4.83
Chisel Plow-Rigid	10'	MFWD	170	7,300	150	12	0.184	5.66	1.31	6.97	6.18	13.15
Chisel Plow-Rigid	15'	2WD	130	8,600	150	12	0.123	2.88	0.69	3.57	2.61	6.18
Chisel Plow-Rigid	20'	MFWD	225	9,600	150	12	0.102	4.16	1.01	5.17	4.90	10.07
Chisel Plow-Rigid	24'	MFWD	190	10,000	150	12	0.077	2.63	0.64	3.27	2.86	6.13
Chisel-Harrow	21 shank	2WD	190	12,100	150	12	0.088	3.01	0.68	3.69	2.61	6.30
Chisel-Harrow	27 shank	MFWD	225	13,600	150	12	0.068	2.77	0.77	3.54	3.43	6.97
Coulter-Chisel-Harro	21 shank	2WD	190	18,800	150	12	0.088	3.01	0.89	3.90	2.98	6.88
Coulter-Chisel-Harro	27 shank	MFWD	225	23,500	150	12	0.068	2.77	1.02	3.79	3.86	7.65
Cult & PD Ridge Till	8R-30	2WD	150	30,000	200	12	0.11	2.97	2.03	5.00	4.38	9.38
Cult & PD Ridge Till	12R-30	2WD	190	43,100	200	12	0.073	2.51	1.76	4.27	3.17	7.44
Cultivate	4R-30	2WD	105	10,800	150	10	0.206	3.90	0.96	4.86	3.86	8.72
Cultivate	4R-38	2WD	105	10,600	150	10	0.162	3.07	0.68	3.75	2.65	6.40
Cultivate	6R-30	MFWD	150	16,000	150	10	0.137	3.71	1.15	4.86	5.06	9.92
Cultivate	6R-38	MFWD	150	16,000	150	10	0.108	2.93	0.91	3.84	4.00	7.84
Cultivate	8R-30	MFWD	190	19,700	150	10	0.103	3.53	1.03	4.56	4.62	9.18
Cultivate	8R-38	MFWD	190	21,200	150	10	0.073	2.52	0.76	3.28	3.37	6.65
Cultivate	10R-30	MFWD	225	26,900	150	10	0.082	3.34	1.12	4.46	5.02	9.48
Cultivate	12R-30	MFWD	225	35,800	150	10	0.068	2.78	1.09	3.87	4.61	8.48
Cultivate	12R-38	MFWD	225	35,500	150	10	0.054	2.20	0.86	3.06	3.63	6.69
Cultivate	16R-30	MFWD	225	42,600	150	10	0.051	2.08	0.91	2.99	3.71	6.70
Cultivate & Post	4R-30	2WD	105	16,100	150	10	0.22	4.16	1.25	5.41	4.45	9.86
Cultivate & Post	4R-38	2WD	105	15,900	150	10	0.173	3.27	0.97	4.24	3.48	7.72
Cultivate & Post	6R-30	MFWD	150	21,300	150	10	0.146	3.96	1.43	5.39	5.96	11.35
Cultivate & Post	6R-38	MFWD	150	21,400	150	10	0.115	3.12	1.14	4.26	4.71	8.97
Cultivate & Post	8R-30	MFWD	190	25,000	150	10	0.11	3.76	1.25	5.01	5.35	10.36
Cultivate & Post	8R-38	MFWD	190	26,500	150	10	0.086	2.97	1.02	3.99	4.32	8.31
Cultivate & Post	10R-30	MFWD	225	32,200	150	10	0.088	3.56	1.32	4.88	5.68	10.56
Cultivate & Post	12R-30	MFWD	225	41,100	150	10	0.073	2.97	1.27	4.24	5.20	9.44
Cultivate & Post	12R-38	MFWD	225	42,500	150	10	0.057	2.34	1.02	3.36	4.16	7.52
Cultivate & Post	16R-30	MFWD	225	49,400	150	10	0.055	2.22	1.07	3.29	4.22	7.51

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
Cultivate Ridge Till	8R-30	2WD	170	24,700	200	12	0.103	3.15	1.60	4.75	3.71	8.46
Cultivate Ridge Till	12R-30	2WD	190	37,700	200	12	0.068	2.35	1.47	3.82	2.79	6.61
Disk & Incorporate	14'	2WD	130	27,300	200	10	0.149	3.50	1.60	5.10	4.54	9.64
Disk & Incorporate	20'	MFWD	190	39,800	180	10	0	0.00	0.00	0.00	0.00	0.00
Disk & Incorporate	24'	MFWD	190	40,200	200	10	0.087	2.98	1.47	4.45	4.56	9.01
Disk & Incorporate	28'	MFWD	225	46,700	200	10	0.074	3.03	1.52	4.55	4.98	9.53
Disk & Incorporate	32'	MFWD	225	54,400	200	10	0.065	2.65	1.48	4.13	4.63	8.76
Disk Harrow	14'	2WD	130	21,900	180	10	0.14	3.28	1.21	4.49	4.03	8.52
Disk Harrow	20'	MFWD	190	34,500	180	10	0.098	3.36	1.41	4.77	5.04	9.81
Disk Harrow	24'	MFWD	190	34,900	180	10	0.081	2.80	1.18	3.98	4.22	8.20
Disk Harrow	28'	MFWD	225	41,400	180	10	0.07	2.84	1.25	4.09	4.64	8.73
Disk Harrow	32'	MFWD	225	47,400	180	10	0.061	2.48	1.19	3.67	4.28	7.95
Disk Harrow	42'	MFWD	225	88,900	180	10	0.046	1.89	1.45	3.34	4.42	7.76
Disk Harrow 40-100hp	14'	2WD	75	15,300	180	10	0.14	1.89	0.73	2.62	2.18	4.80
Disk Heavy	14'	MFWD	150	21,900	180	10	0.145	3.94	1.48	5.42	5.61	11.03
Disk Heavy	20'	MFWD	170	34,500	180	10	0.097	2.97	1.36	4.33	4.80	9.13
Disk Heavy	28'	MFWD	190	41,400	180	10	0.075	2.59	1.23	3.82	4.20	8.02
Disk Ripper	15'	MFWD	225	37,500	180	10	0.136	5.52	2.29	7.81	8.71	16.52
Ditcher		2WD	130	4,630	200	10	0.02	0.46	0.08	0.54	0.35	0.89
Ditcher (1m/160a)		2WD	130	4,630	200	10	0.009	0.21	0.03	0.24	0.16	0.40
Fert Appl (Liquid)	4R-38	MFWD	150	12,800	150	8	0.154	4.17	1.95	6.12	5.44	11.56
Fert Appl (Liquid)	6R-30	MFWD	170	15,700	150	8	0.13	4.01	1.95	5.96	5.34	11.30
Fert Appl (Liquid)	6R-38	MFWD	170	13,800	150	8	0.103	3.16	1.41	4.57	4.06	8.63
Fert Appl (Liquid)	8R-30	MFWD	190	13,700	150	8	0.098	3.36	1.36	4.72	4.04	8.76
Fert Appl (Liquid)	8R-38	MFWD	190	16,600	150	8	0.077	2.65	1.22	3.87	3.37	7.24
Fert Appl (Liquid)	10R-30	MFWD	225	17,100	150	8	0.078	3.18	1.40	4.58	4.28	8.86
Fert Appl (Liquid)	10R-38	MFWD	225	19,600	150	8	0.061	2.51	1.20	3.71	3.49	7.20
Fert Appl (Liquid)	12R-30	MFWD	225	17,500	150	8	0.078	3.18	1.42	4.60	4.31	8.91
Fert Appl (Liquid)	12R-38	MFWD	225	17,000	150	8	0.051	2.09	0.91	3.00	2.81	5.81
Field Cult & Inc	42'	MFWD	225	56,100	100	10	0.037	1.53	0.76	2.29	3.84	6.13
Field Cult & Inc	50'	MFWD	225	69,000	100	10	0.031	1.28	0.74	2.02	3.66	5.68
Field Cult & Inc Fld	24'	MFWD	170	30,100	100	10	0.066	2.02	0.78	2.80	4.03	6.83
Field Cult & Inc Fld	32'	MFWD	190	37,200	100	10	0.049	1.69	0.69	2.38	3.50	5.88
Field Cult & Inc Rdg	12'	2WD	150	15,200	100	10	0.132	3.57	1.04	4.61	5.47	10.08

Machinery Type	Tractor/Power Unit	Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total		
	Size	Size	Price	Use	Life	Rate		Direct	Cost	Cost		
							-----\$/acre-----					
Field Cultivate Fld	24'	MFWD	170	24,700	100	10	0.062	1.90	0.65	2.55	3.44	5.99
Field Cultivate Fld	32'	MFWD	190	31,900	100	10	0.046	1.59	0.59	2.18	3.03	5.21
Field Cultivate Fld	42'	MFWD	225	49,100	100	10	0.035	1.44	0.66	2.10	3.34	5.44
Field Cultivate Fld	50'	MFWD	225	60,100	100	10	0.029	1.21	0.63	1.84	3.16	5.00
Field Cultivate Rdg	12'	2WD	150	9,890	100	10	0.124	3.36	0.80	4.16	4.43	8.59
Grain Cart Corn	500 bu	MFWD	190	25,100	200	12	0.031	1.09	0.36	1.45	1.36	2.81
Grain Cart Corn	700 bu	MFWD	190	29,900	200	12	0.025	0.85	0.32	1.17	1.11	2.28
Grain Cart Corn	1000 bu	MFWD	225	43,800	200	12	0.025	1.01	0.45	1.46	1.55	3.01
Grain Cart Wht/Sor/Soy	500 bu	MFWD	190	25,100	200	12	0.025	0.87	0.29	1.16	1.08	2.24
Grain Cart Wht/Sor/Soy	700 bu	MFWD	190	29,900	200	12	0.021	0.72	0.27	0.99	0.95	1.94
Grain Cart Wht/Sor/Soy	1000 bu	MFWD	190	43,800	200	12	0.021	0.72	0.35	1.07	1.09	2.16
Grain Drill	8'	2WD	130	19,000	150	8	0.235	5.52	2.27	7.79	6.98	14.77
Grain Drill	10'	2WD	130	22,700	150	8	0.188	4.41	2.08	6.49	6.08	12.57
Grain Drill	12'	2WD	130	22,400	150	8	0.157	3.68	1.71	5.39	5.04	10.43
Grain Drill	15'	MFWD	150	28,000	150	8	0.125	3.39	1.83	5.22	5.76	10.98
Grain Drill	20'	MFWD	170	36,700	150	8	0.094	2.88	1.71	4.59	5.23	9.82
Grain Drill	24'	MFWD	190	58,100	150	8	0.078	2.68	2.08	4.76	5.74	10.50
Grain Drill	30'	MFWD	225	61,300	150	8	0.062	2.54	1.84	4.38	5.42	9.80
Grain Drill	35'	MFWD	225	78,200	150	8	0.053	2.18	1.93	4.11	5.31	9.42
Grain Drill & Pre	8'	2WD	130	24,300	150	8	0.253	5.94	2.96	8.90	8.49	17.39
Grain Drill & Pre	10'	2WD	130	28,100	150	8	0.203	4.75	2.65	7.40	7.35	14.75
Grain Drill & Pre	12'	2WD	130	27,700	150	8	0.169	3.96	2.18	6.14	6.08	12.22
Grain Drill & Pre	15'	MFWD	150	33,300	150	8	0.135	3.65	2.25	5.90	6.73	12.63
Grain Drill & Pre	20'	MFWD	170	42,100	150	8	0.101	3.10	2.05	5.15	6.04	11.19
Grain Drill & Pre	24'	MFWD	190	63,500	150	8	0.084	2.89	2.41	5.30	6.52	11.82
Grain Drill & Pre	30'	MFWD	225	66,700	150	8	0.067	2.74	2.12	4.86	6.10	10.96
Grain Drill & Pre	35'	MFWD	225	83,500	150	8	0.058	2.35	2.18	4.53	5.94	10.47
Grain Drill & Pre T	8R-38	MFWD	225	45,700	150	8	0.062	2.54	1.47	4.01	4.70	8.71
Harrow - Rigid	21'	2WD	150	4,640	200	10	0.073	1.99	0.42	2.41	2.03	4.44
Harrow - Folding	16'	MFWD	190	5,000	200	10	0.097	3.32	0.62	3.94	3.24	7.18
Harrow - Folding	24'	MFWD	190	11,900	200	10	0.064	2.21	0.57	2.78	2.40	5.18
Harrow - Folding	30'	MFWD	190	12,900	200	10	0.051	1.77	0.47	2.24	1.94	4.18
Harrow - Folding	40'	MFWD	190	16,200	200	10	0.038	1.32	0.40	1.72	1.52	3.24
Harrow - Folding	48'	MFWD	225	20,000	200	10	0.032	1.31	0.43	1.74	1.68	3.42
Harrow - Rigid	13'	2WD	130	3,430	200	10	0.119	2.79	0.44	3.23	2.10	5.33

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
Header - Corn	6R-30		265	40,700	300	8	0.17	8.12	6.32	14.44	21.04	35.48
Header - Corn	6R-38		265	41,800	300	8	0.134	6.41	5.02	11.43	16.66	28.09
Header - Corn	8R-30		265	52,600	300	8	0.127	6.09	5.11	11.20	16.35	27.55
Header - Corn	8R-38		325	54,100	300	8	0.1	5.91	4.49	10.40	14.63	25.03
Header - Corn	12R-20		325	73,800	300	8	0.127	7.47	6.31	13.78	19.47	33.25
Header - Corn	12R-30		325	82,200	300	8	0.085	4.98	4.38	9.36	13.25	22.61
Header -Soybean	22' Flex		265	27,700	300	8	0.116	5.54	3.93	9.47	13.77	23.24
Header -Soybean	25' Flex		325	29,800	300	8	0.102	5.98	3.93	9.91	13.86	23.77
Header -Soybean	30' Flex		325	26,700	300	8	0.085	4.98	3.20	8.18	11.44	19.62
Header -Soybean	35' Flex		355	39,500	300	8	0.072	4.66	3.12	7.78	10.72	18.50
Header Wheat/Sorghum	22' Rigid		265	21,900	300	8	0.116	5.54	3.76	9.30	13.51	22.81
Header Wheat/Sorghum	25' Rigid		325	25,600	300	8	0.102	5.98	3.82	9.80	13.70	23.50
Header Wheat/Sorghum	30' Rigid		325	28,500	300	8	0.085	4.98	3.24	8.22	11.50	19.72
Land Plane	50'x16'	MFWD	190	31,300	200	10	0.327	11.20	4.13	15.33	15.38	30.71
Module Builder	4R-30(325)	MFWD	190	31,300	200	10	0.257	8.82	3.25	12.07	12.10	24.17
Module Builder	4R-38(255)	MFWD	190	31,300	200	10	0.257	8.82	3.25	12.07	12.10	24.17
Module Builder	4R-38(325)	MFWD	190	31,300	200	10	0.218	7.47	2.75	10.22	10.25	20.47
Module Builder	6R-30(325)	MFWD	190	31,300	200	10	0.172	5.89	2.16	8.05	8.09	16.14
Module Builder-Strip	4R-36	MFWD	150	31,300	200	10	0.272	7.37	3.26	10.63	11.36	21.99
Module Builder-Strip	4R-38	MFWD	150	31,300	200	10	0.257	6.96	3.08	10.04	10.72	20.76
Module Builder-Strip	5R-30	MFWD	150	31,300	200	10	0.261	7.07	3.12	10.19	10.90	21.09
Module Builder-Strip	5R-38	MFWD	150	31,300	200	10	0.207	5.59	2.48	8.07	8.62	16.69
Module Builder-Strip	6R-30	MFWD	150	31,300	200	10	0.218	5.89	2.60	8.49	9.08	17.57
Module Builder-Strip	6R-38	MFWD	190	31,300	200	10	0.172	5.89	2.16	8.05	8.09	16.14
Module Builder-Strip	8R-36/38	MFWD	190	31,300	200	10	0.129	4.42	1.63	6.05	6.07	12.12
NT Grain Drill	6'	MFWD	170	19,800	150	8	0.327	10.02	3.90	13.92	14.15	28.07
NT Grain Drill	10'	2WD	130	30,300	150	8	0.235	5.52	3.27	8.79	8.92	17.71
NT Grain Drill	12'	2WD	130	38,500	150	8	0.163	3.83	2.78	6.61	7.17	13.78
NT Grain Drill	15'	MFWD	150	42,700	150	8	0.13	3.53	2.63	6.16	7.41	13.57
NT Grain Drill	20'	MFWD	170	60,400	150	8	0.098	3.00	2.66	5.66	7.15	12.81
NT Grain Drill	24'	MFWD	190	78,600	150	8	0.081	2.80	2.80	5.60	7.21	12.81
NT Grain Drill	30'	MFWD	225	91,800	150	8	0.065	2.65	2.67	5.32	7.11	12.43

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
NT Grain Drill & Pre	6'	MFWD	170	25,200	150	8	0.352	10.79	4.91	15.70	16.64	32.34
NT Grain Drill & Pre	10'	2WD	130	35,600	150	8	0.211	4.95	3.36	8.31	8.83	17.14
NT Grain Drill & Pre	12'	2WD	130	43,900	150	8	0.176	4.12	3.35	7.47	8.42	15.89
NT Grain Drill & Pre	15'	MFWD	150	48,100	150	8	0.141	3.81	3.12	6.93	8.53	15.46
NT Grain Drill & Pre	20'	MFWD	170	65,700	150	8	0.105	3.23	3.07	6.30	8.11	14.41
NT Grain Drill & Pre	24'	MFWD	190	83,900	150	8	0.088	3.01	3.19	6.20	8.11	14.31
NT Grain Drill & Pre	30'	MFWD	225	97,100	150	8	0.07	2.85	3.01	5.86	7.93	13.79
NT Plant&Pre-Folding	8R-38	MFWD	170	46,000	150	8	0.083	2.56	1.81	4.37	5.20	9.57
NT Plant&Pre-Folding	12R-20	MFWD	190	69,800	150	8	0.105	3.62	3.26	6.88	8.64	15.52
NT Plant&Pre-Folding	12R-30	MFWD	190	74,200	150	8	0.07	2.41	2.29	4.70	5.99	10.69
NT Plant&Pre-Folding	12R-38	MFWD	190	72,400	150	8	0.055	1.90	1.77	3.67	4.65	8.32
NT Plant&Pre-Folding	16R-30	MFWD	190	96,700	150	8	0.052	1.81	2.16	3.97	5.35	9.32
NT Plant&Pre-Folding	23R-15	MFWD	190	121,000	150	8	0.073	2.51	3.68	6.19	8.75	14.94
NT Plant&Pre-Folding	24R-15	MFWD	225	129,000	150	8	0.07	2.85	3.86	6.71	9.57	16.28
NT Plant&Pre-Folding	24R-20	MFWD	190	135,000	150	8	0.052	1.81	2.92	4.73	6.83	11.56
NT Plant&Pre-Folding	24R-30	MFWD	190	157,000	150	8	0.035	1.20	2.23	3.43	5.12	8.55
NT Plant&Pre-Folding	36R-20	MFWD	225	175,000	150	8	0.035	1.42	2.53	3.95	5.96	9.91
NT Plant&Pre-Rigid	4R-30	2WD	130	26,600	150	8	0.211	4.95	2.65	7.60	7.44	15.04
NT Plant&Pre-Rigid	4R-38	2WD	130	28,100	150	8	0.166	3.90	2.17	6.07	6.03	12.10
NT Plant&Pre-Rigid	6R-30	MFWD	150	34,300	150	8	0.141	3.81	2.39	6.20	7.11	13.31
NT Plant&Pre-Rigid	6R-38	MFWD	150	33,300	150	8	0.111	3.00	1.85	4.85	5.53	10.38
NT Plant&Pre-Rigid	8R-30	MFWD	170	41,600	150	8	0.105	3.23	2.12	5.35	6.25	11.60
NT Plant&Pre-Rigid	8R-38	MFWD	170	39,000	150	8	0.083	2.56	1.59	4.15	4.78	8.93
NT Plant&Pre-Rigid	12R-20	MFWD	190	51,800	150	8	0.105	3.62	2.55	6.17	7.25	13.42
NT Plant&Pre-Rigid	12R-30	MFWD	190	58,900	150	8	0.07	2.41	1.88	4.29	5.20	9.49
NT Plant-Folding	8R-38	MFWD	170	40,600	150	8	0.077	2.37	1.52	3.89	4.53	8.42
NT Plant-Folding	12R-20	MFWD	190	64,500	150	8	0.098	3.36	2.84	6.20	7.64	13.84
NT Plant-Folding	12R-30	MFWD	190	68,900	150	8	0.065	2.24	2.00	4.24	5.30	9.54
NT Plant-Folding	12R-38	MFWD	190	65,400	150	8	0.051	1.76	1.50	3.26	4.05	7.31
NT Plant-Folding	16R-30	MFWD	190	89,800	150	8	0.049	1.68	1.88	3.56	4.73	8.29
NT Plant-Folding	24R-20	MFWD	190	128,000	150	8	0.049	1.68	2.58	4.26	6.10	10.36
NT Plant-Folding	24R-30	MFWD	190	146,000	150	8	0.032	1.12	1.94	3.06	4.49	7.55
NT Plant-Folding	32R-15	MFWD	225	152,000	150	8	0.049	1.99	3.10	5.09	7.49	12.58
NT Plant-Folding	36R-20	MFWD	225	164,000	150	8	0.032	1.32	2.22	3.54	5.28	8.82

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
NT Plant-Rigid	4R-30	2WD	130	21,200	150	8	0.196	4.60	2.06	6.66	6.13	12.79
NT Plant-Rigid	4R-38	2WD	130	22,800	150	8	0.154	3.62	1.71	5.33	5.00	10.33
NT Plant-Rigid	6R-30	MFWD	150	29,000	150	8	0.13	3.53	1.96	5.49	6.10	11.59
NT Plant-Rigid	6R-38	MFWD	150	27,900	150	8	0.103	2.79	1.50	4.29	4.73	9.02
NT Plant-Rigid	8R-30	MFWD	170	36,200	150	8	0.098	3.00	1.77	4.77	5.41	10.18
NT Plant-Rigid	8R-38	MFWD	170	33,700	150	8	0.077	2.37	1.32	3.69	4.14	7.83
NT Plant-Rigid	12R-20	MFWD	190	46,500	150	8	0.098	3.36	2.18	5.54	6.35	11.89
NT Plant-Rigid	12R-30	MFWD	190	53,600	150	8	0.065	2.24	1.62	3.86	4.57	8.43
NT Plant-TwinRow	12R-30/40	MFWD	225	106,000	150	8	0.051	2.09	2.38	4.47	6.14	10.61
NT Plant-TwinRow	8R-30/40	MFWD	225	84,000	150	8	0.077	3.14	2.94	6.08	7.98	14.06
One-Trip Prep	4R-38	MFWD	170	20,000	150	10	0.146	4.49	2.02	6.51	6.32	12.83
One-Trip Prep	6R-38	MFWD	190	24,000	150	10	0.097	3.33	1.54	4.87	4.66	9.53
One-Trip Prep	8R-38	MFWD	225	35,700	150	10	0.073	2.99	1.71	4.70	4.96	9.66
Peanut Cond.& Lifter	6-Row	MFWD	190	11,600	300	20	0.1	3.42	0.67	4.09	3.36	7.45
Peanut Conditioner	6-Row	MFWD	190	12,900	300	20	0.1	3.42	0.73	4.15	3.35	7.50
Peanut Dig/Invertor	4R-30	MFWD	190	23,800	300	15	0.235	8.07	2.52	10.59	8.96	19.55
Peanut Dig/Invertor	4R-38	MFWD	190	23,800	300	15	0.186	6.37	1.99	8.36	7.07	15.43
Peanut Dig/Invertor	6R-38	MFWD	190	34,700	300	15	0.124	4.24	1.34	5.58	5.12	10.70
Peanut Dump Cart	6-Row	MFWD	190	40,600	300	20	0.31	10.61	2.22	12.83	12.60	25.43
Peanut Harvester	4R-30	MFWD	225	114,000	300	20	0.849	34.45	11.01	45.46	57.05	102.51
Peanut Harvester	4R-38	MFWD	225	114,000	300	20	0.934	37.88	12.10	49.98	63.78	113.76
Peanut Harvester	6R-38	MFWD	225	132,000	300	20	0.625	25.33	8.04	33.37	45.28	78.65
Peanut Lifter	6-Row	MFWD	225	5,470	300	20	0.1	4.05	0.76	4.81	4.27	9.08
Peanut Plt&Pre Fold.	12R-38	MFWD	190	66,100	150	8	0.08	2.75	2.37	5.12	6.35	11.47
Peanut Plt&Pre Rigid	8R-30	MFWD	190	37,300	150	8	0.152	5.22	2.86	8.08	8.86	16.94
Peanut Plt&Pre Rigid	8R-38	MFWD	190	34,800	150	8	0.12	4.13	2.15	6.28	6.78	13.06
Pipe Spool 160ac	1/4m roll	2WD	130	3,370	15	12	0.003	0.07	0.00	0.07	0.10	0.17
Pipe Trailer 1m/160a	30'	2WD	130	7,300	100	15	0.003	0.08	0.00	0.08	0.07	0.15

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
Plant & Pre-Folding	8R-38	MFWD	170	41,800	150	8	0.08	2.45	1.61	4.06	4.76	8.82
Plant & Pre-Folding	12R-20	MFWD	190	63,500	150	8	0.101	3.47	2.89	6.36	7.83	14.19
Plant & Pre-Folding	12R-30	MFWD	190	67,900	150	8	0.067	2.31	2.04	4.35	5.43	9.78
Plant & Pre-Folding	12R-38	MFWD	190	66,100	150	8	0.053	1.82	1.57	3.39	4.22	7.61
Plant & Pre-Folding	16R-30	MFWD	190	88,300	150	8	0.05	1.73	1.92	3.65	4.83	8.48
Plant & Pre-Folding	24R-15	MFWD	225	117,000	150	8	0.067	2.74	3.39	6.13	8.59	14.72
Plant & Pre-Folding	24R-20	MFWD	190	122,000	150	8	0.05	1.73	2.56	4.29	6.08	10.37
Plant & Pre-Folding	24R-30	MFWD	190	144,000	150	8	0.033	1.15	1.98	3.13	4.60	7.73
Plant & Pre-Folding	32R-15	MFWD	225	146,000	150	8	0.05	2.05	3.10	5.15	7.52	12.67
Plant & Pre-Folding	36R-20	MFWD	225	156,000	150	8	0.033	1.37	2.20	3.57	5.25	8.82
Plant & Pre-Rigid	4R-30	2WD	130	24,500	150	8	0.203	4.75	2.38	7.13	6.82	13.95
Plant & Pre-Rigid	4R-38	2WD	130	26,000	150	8	0.159	3.74	1.96	5.70	5.54	11.24
Plant & Pre-Rigid	6R-30	MFWD	150	32,200	150	8	0.135	3.65	2.19	5.84	6.62	12.46
Plant & Pre-Rigid	6R-38	MFWD	150	30,100	150	8	0.106	2.88	1.64	4.52	5.06	9.58
Plant & Pre-Rigid	8R-30	MFWD	170	37,300	150	8	0.101	3.10	1.87	4.97	5.68	10.65
Plant & Pre-Rigid	8R-38	MFWD	170	34,800	150	8	0.08	2.45	1.40	3.85	4.35	8.20
Plant & Pre-Rigid	12R-20	MFWD	190	45,500	150	8	0.101	3.47	2.21	5.68	6.49	12.17
Plant & Pre-Rigid	12R-30	MFWD	190	52,600	150	8	0.067	2.31	1.65	3.96	4.68	8.64
Plant & Pre-TwinRow	12R-30/40	MFWD	225	106,000	150	8	0.053	2.16	2.46	4.62	6.35	10.97
Plant & Pre-TwinRow	8R-30/40	MFWD	225	84,800	150	8	0.08	3.25	3.07	6.32	8.30	14.62
Plant - Folding	8R-38	MFWD	170	36,500	150	8	0.074	2.28	1.35	3.63	4.12	7.75
Plant - Folding	12R-20	MFWD	190	58,200	150	8	0.094	3.22	2.50	5.72	6.90	12.62
Plant - Folding	12R-30	MFWD	190	52,600	150	8	0.062	2.15	1.53	3.68	4.34	8.02
Plant - Folding	12R-38	MFWD	190	59,100	150	8	0.049	1.69	1.32	3.01	3.66	6.67
Plant - Folding	16R-30	MFWD	190	81,300	150	8	0.047	1.61	1.65	3.26	4.24	7.50
Plant - Folding	24R-15	MFWD	225	111,000	150	8	0.062	2.54	3.01	5.55	7.70	13.25
Plant - Folding	24R-20	MFWD	190	115,000	150	8	0.047	1.61	2.25	3.86	5.41	9.27
Plant - Folding	24R-30	MFWD	190	133,000	150	8	0.031	1.07	1.71	2.78	4.01	6.79
Plant - Folding	32R-15	MFWD	225	135,000	150	8	0.047	1.91	2.68	4.59	6.60	11.19
Plant - Folding	36R-20	MFWD	225	145,000	150	8	0.031	1.27	1.90	3.17	4.62	7.79

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
Plant - Rigid	4R-30	2WD	130	19,100	150	8	0.188	4.41	1.83	6.24	5.59	11.83
Plant - Rigid	4R-38	2WD	130	20,700	150	8	0.148	3.47	1.53	5.00	4.57	9.57
Plant - Rigid	6R-30	MFWD	150	26,900	150	8	0.125	3.39	1.78	5.17	5.66	10.83
Plant - Rigid	6R-38	MFWD	150	24,800	150	8	0.099	2.68	1.33	4.01	4.31	8.32
Plant - Rigid	8R-30	MFWD	170	32,000	150	8	0.094	2.88	1.55	4.43	4.91	9.34
Plant - Rigid	8R-38	MFWD	170	29,500	150	8	0.074	2.28	1.15	3.43	3.74	7.17
Plant - Rigid	10R-30	MFWD	190	31,700	150	8	0.075	2.58	1.25	3.83	4.06	7.89
Plant - Rigid	12R-20	MFWD	190	40,200	150	8	0.094	3.22	1.87	5.09	5.66	10.75
Plant - Rigid	12R-30	MFWD	190	47,300	150	8	0.062	2.15	1.41	3.56	4.10	7.66
Roller/Cultipacker	12'	2WD	130	5,030	300	12	0.124	2.91	0.46	3.37	2.15	5.52
Roller/Cultipacker	20'	MFWD	150	14,200	300	12	0.074	2.01	0.56	2.57	2.23	4.80
Roller/Cultipacker	30'	MFWD	170	16,700	300	12	0.049	1.52	0.41	1.93	1.70	3.63
Roller/Cultipacker	38'	MFWD	225	17,900	300	12	0.039	1.59	0.41	2.00	1.86	3.86
Roller/Stubble	20'	2WD	50	12,000	300	12	0.074	0.67	0.25	0.92	0.58	1.50
Roller/Stubble	32'	MFWD	225	20,400	300	12	0.046	1.89	0.52	2.41	2.25	4.66
Rotary Cutter	7'	MFWD	130	4,230	185	10	0.168	3.94	1.10	5.04	3.66	8.70
Rotary Cutter	12'	2WD	150	12,000	185	10	0.098	2.65	1.35	4.00	3.14	7.14
Rotary Cutter-Flex	15'	MFWD	150	18,000	185	10	0.078	2.12	1.46	3.58	2.81	6.39
Rotary Cutter-Flex	20'	MFWD	150	25,500	185	10	0.058	1.59	1.45	3.04	2.36	5.40
Row Cond & Inc-Fold.	26'	MFWD	190	23,300	100	10	0.063	2.17	0.66	2.83	3.53	6.36
Row Cond & Inc-Fold.	38'	MFWD	225	32,700	100	10	0.043	1.76	0.63	2.39	3.32	5.71
Row Cond & Inc-Rigid	13'	2WD	130	12,500	100	10	0.126	2.97	0.71	3.68	3.69	7.37
Row Cond & Inc-Rigid	21'	2WD	170	17,000	100	10	0.078	2.40	0.62	3.02	3.29	6.31
Row Cond & Inc-Rigid	26'	MFWD	190	17,700	100	10	0.026	0.91	0.23	1.14	1.31	2.45
Row Cond Folding	26'	MFWD	225	17,900	100	10	0.059	2.42	0.64	3.06	3.62	6.68
Row Cond Folding	38'	MFWD	225	25,700	100	10	0.04	1.65	0.52	2.17	2.81	4.98
Row Cond Rigid	13'	2WD	130	7,120	100	10	0.119	2.79	0.51	3.30	2.79	6.09
Row Cond Rigid	21'	2WD	170	11,700	100	10	0.073	2.26	0.48	2.74	2.68	5.42
Row Cond Rigid	26'	MFWD	190	12,400	100	10	0.059	2.04	0.46	2.50	2.62	5.12
Row Cond./Roll-Fold.	26'	MFWD	190	26,300	160	10	0.072	2.46	0.81	3.27	3.49	6.76
Row Cond./Roll-Fold.	30'	MFWD	190	35,400	160	10	0.062	2.13	0.85	2.98	3.40	6.38
Row Cond./Roll-Fold.	40'	MFWD	225	36,700	160	10	0.046	1.90	0.73	2.63	3.09	5.72
Row Cond./Roll-Rigid	21'	MFWD	190	11,800	160	10	0.089	3.05	0.68	3.73	3.44	7.17
Row Cond./Roll-Rigid	26'	MFWD	190	22,800	160	10	0.072	2.46	0.75	3.21	3.32	6.53

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate	-----\$/acre-----					
Spin Spreader	5 ton	MFWD	190	10,900	100	8	0.042	1.44	0.45	1.89	1.81	3.70
Spray (ATV Ropewick)	75"	800 CC		590	200	8	0.26	0.61	0.37	0.98	1.28	2.26
Spray (ATV)	12'/17'	800 CC		520	200	8	0.112	0.26	0.15	0.41	0.55	0.96
Spray (ATV)	20'	800 CC		1,330	200	8	0.084	0.20	0.14	0.34	0.45	0.79
Spray (Band)	27' Fold	MFWD	170	5,340	200	8	0.062	1.91	0.43	2.34	1.99	4.33
Spray (Band)	40' Fold	MFWD	170	6,970	200	8	0.042	1.29	0.32	1.61	1.37	2.98
Spray (Band)	50' Fold	MFWD	170	8,940	200	8	0.033	1.03	0.29	1.32	1.14	2.46
Spray (Band)	53' Fold	MFWD	170	8,100	200	8	0.031	0.97	0.26	1.23	1.05	2.28
Spray (Band)	60' Fold	MFWD	170	11,100	200	8	0.028	0.86	0.26	1.12	0.98	2.10
Spray (Bcast/HB)	13' Rigid	MFWD	150	5,600	200	8	0.13	3.51	0.88	4.39	3.72	8.11
Spray (Bcast/HB)	20' Rigid	MFWD	150	6,610	200	8	0.084	2.28	0.61	2.89	2.47	5.36
Spray (Bcast/HB)	27' Fold	MFWD	170	11,300	200	8	0.062	1.91	0.61	2.52	2.20	4.72
Spray (Bcast/HB)	27' Rigid	MFWD	170	7,590	200	8	0.062	1.91	0.50	2.41	2.07	4.48
Spray (Bcast/HB)	30' Fold	MFWD	170	12,800	200	8	0.056	1.72	0.58	2.30	2.03	4.33
Spray (Bcast/HB)	40' Fold	MFWD	170	13,500	200	8	0.042	1.29	0.45	1.74	1.53	3.27
Spray (Bcast/HB/HD)	27'	MFWD	170	12,100	200	8	0.062	1.91	0.63	2.54	2.23	4.77
Spray (Bcast/HB/HD)	40'	MFWD	170	12,785	200	8	0.042	1.29	0.44	1.73	1.52	3.25
Spray (Broadcast)	27'	MFWD	170	5,340	200	8	0.062	1.91	0.43	2.34	1.99	4.33
Spray (Broadcast)	40'	MFWD	170	6,970	200	8	0.042	1.29	0.32	1.61	1.37	2.98
Spray (Broadcast)	50'	MFWD	170	8,940	200	8	0.033	1.03	0.29	1.32	1.14	2.46
Spray (Broadcast)	53'	MFWD	170	8,100	200	8	0.031	0.97	0.26	1.23	1.05	2.28
Spray (Broadcast)	60'	MFWD	170	11,100	200	8	0.028	0.86	0.26	1.12	0.98	2.10
Spray (Direct/Hood)	8R-30	MFWD	170	12,200	200	8	0.084	2.59	0.86	3.45	3.02	6.47
Spray (Direct/Hood)	8R-38	MFWD	170	13,400	200	8	0.066	2.04	0.72	2.76	2.43	5.19
Spray (Direct/Hood)	12R-30	MFWD	170	15,400	200	8	0.056	1.72	0.65	2.37	2.11	4.48
Spray (Direct/Hood)	12R-38	MFWD	170	15,700	200	8	0.044	1.36	0.52	1.88	1.68	3.56
Spray (Direct/Layby)	8R-38	MFWD	170	12,300	200	8	0.066	2.04	0.68	2.72	2.39	5.11
Spray (Direct/Layby)	12R-30	MFWD	170	16,200	200	8	0.056	1.72	0.67	2.39	2.14	4.53
Spray (Direct/Layby)	12R-38	MFWD	170	18,100	200	8	0.044	1.36	0.57	1.93	1.74	3.67
Spray (Levee Leaper)	50'	MFWD	225	11,700	200	8	0.033	1.37	0.40	1.77	1.62	3.39

Machinery Type	Tractor/Power Unit		Purchase	Annual	Useful	Perf	Fuel	R&M	Total	Fixed	Total	
	Size	Size	Price	Use	Life	Rate			Direct	Cost	Cost	
							-----\$/acre-----					
Spray (Pull Type)	60'	MFWD	225	27,800	200	8	0.028	1.14	0.54	1.68	1.62	3.30
Spray (Pull Type)	80'	MFWD	225	38,600	200	8	0.021	0.85	0.51	1.36	1.33	2.69
Spray (Pull Type)	90'	2WD	50	39,000	200	8	0.018	0.16	0.35	0.51	0.49	1.00
Spray (Pull Type)	100'	MFWD	225	35,900	200	8	0.016	0.68	0.38	1.06	1.04	2.10
Spray (Pull Type)	120'	MFWD	225	50,800	200	8	0.014	0.57	0.42	0.99	0.99	1.98
Spray (Ropewick)	20'	MFWD	190	2,550	200	8	0.084	2.89	0.50	3.39	2.72	6.11
Spray (Spot)	27'	MFWD	170	5,340	200	8	0.062	1.91	0.43	2.34	1.99	4.33
Spray (Spot)	40'	MFWD	170	6,970	200	8	0.042	1.29	0.32	1.61	1.37	2.98
Spray (Spot)	50'	MFWD	170	8,940	200	8	0.033	1.03	0.29	1.32	1.14	2.46
Spray (Spot)	53'	MFWD	170	8,100	200	8	0.031	0.97	0.26	1.23	1.05	2.28
Spray (Spot)	60'	MFWD	225	11,100	200	8	0.028	1.14	0.32	1.46	1.34	2.80
Stalk Shredder	14'	MFWD	150	12,900	200	10	0.117	3.18	1.81	4.99	3.80	8.79
Stalk Shredder	20'	MFWD	150	30,500	200	10	0.082	2.22	2.54	4.76	3.44	8.20
Stalk Shredder-Flail	12'	MFWD	150	15,300	200	10	0.137	3.71	2.41	6.12	4.62	10.74
Stalk Shredder-Flail	15'	MFWD	150	19,300	200	10	0.11	2.97	2.30	5.27	3.93	9.20
Stalk Shredder-Flail	18'	MFWD	150	24,900	200	10	0.091	2.47	2.37	4.84	3.55	8.39
Stalk Shredder-Flail	20'	MFWD	150	25,600	200	10	0.082	2.22	2.18	4.40	3.22	7.62
Stalk Shredder-Flail	25'	MFWD	150	34,100	200	10	0.066	1.78	2.23	4.01	2.87	6.88
Strip Till	12R-30	MFWD	225	32,000	150	10	0.061	2.49	1.25	3.74	3.97	7.71
Subsoiler	3 shank	MFWD	190	3,390	100	15	0.204	6.99	1.21	8.20	6.87	15.07
Subsoiler	4 shank	MFWD	225	7,610	100	15	0.153	6.22	1.37	7.59	7.36	14.95
Subsoiler	5 shank	MFWD	225	7,300	100	15	0.122	4.95	1.08	6.03	5.83	11.86
Subsoiler low-till	6 shank	MFWD	225	10,200	100	15	0.102	4.14	1.00	5.14	5.11	10.25
Subsoiler low-till	8 shank	MFWD	225	19,600	100	15	0.076	3.10	0.99	4.09	4.44	8.53