

# Estimating Farm Machinery Costs

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This publication provides a guide for estimating the cost of owning and operating farm machinery. The data in Table 1 represents the cost per hour of owning and operating tractors but does not include labor cost. Table 2 presents both a total cost per hour and a cost per acre for performing the specified operations, including labor cost. The implement width, tractor horsepower and performance rate are given for each operation. Tractors are designated as typical rear wheel drive (2WD), mechanical front wheel drive (MFWD), four wheel drive (4WD) or on tracks (TRACK). It is assumed that equipment is fully utilized.

**Operating costs** presented for field operations include repairs and maintenance, fuel, oil, lube and labor. However, as mentioned above, Table 1 does not include labor. Since the tractor costs are already presented in dollars per hour, the user can easily add a specific hourly wage to the costs. Operating interest is not included in either table. Specific costs include diesel, \$2.22/gal, and labor, \$9.00/hr. Lube cost is estimated to be 15 percent of the fuel cost. Repairs are estimated

as a percent of purchase price based on American Society of Agricultural and Biological Engineers standards.

**Ownership costs** include depreciation, interest, taxes and insurance. Various financing arrangements and tax depreciation methods can produce costs that vary significantly from these estimates in a given year.

This information may also be used in comparing or estimating custom rates. Farmers often perform custom work in order to spread out their ownership costs. Although custom rates do not always cover total operating and ownership costs, farmers should charge enough to cover all operating expenses and at least some ownership costs. Otherwise, performing custom work only wears out equipment without spreading out costs. In cases where custom operations are intended to be a form of income, adding 10 to 15 percent to the estimated total cost is customary as the operator's profit; however, custom operators should evaluate the costs based upon their annual usage and other specific parameters from their operation.

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**Table 1. Estimated Tractor Costs Per Hour**

Tractor	Horse Power (PTO)	Annual Hours Use	----- \$/Hour -----				
			Fuel, Oil and Lube	Repairs & Maint.	Total Direct	Fixed Costs	Total Costs
Tractor (40-59 hp) 2WD	50	600	\$5.71	\$0.86	\$6.57	\$6.50	\$13.07
Tractor (40-59 hp) MFWD	50	600	\$5.71	\$1.00	\$6.70	\$7.51	\$14.22
Tractor (60-89 hp) 2WD	75	600	\$8.57	\$1.17	\$9.73	\$8.81	\$18.55
Tractor (60-89 hp) MFWD	75	600	\$8.57	\$1.36	\$9.92	\$10.24	\$20.16
Tractor (90-119 hp) 2WD	105	600	\$11.99	\$1.72	\$13.70	\$12.88	\$26.59
Tractor (90-119 hp) MFWD	105	600	\$11.99	\$2.00	\$13.99	\$15.04	\$29.04
Tractor (120-139 hp) 2WD	130	600	\$14.85	\$2.26	\$17.10	\$16.93	\$34.04
Tractor (120-139 hp) MFWD	130	600	\$14.85	\$2.71	\$17.56	\$20.33	\$37.89
Tractor (140-159 hp) 2WD	150	600	\$17.14	\$2.60	\$19.73	\$19.47	\$39.20
Tractor (140-159 hp) MFWD	150	600	\$17.14	\$3.11	\$20.24	\$23.30	\$43.54
Tractor (160-179 hp) 2WD	170	600	\$19.42	\$2.88	\$22.30	\$22.31	\$44.62
Tractor (160-179 hp) MFWD	170	600	\$19.42	\$3.57	\$22.99	\$27.67	\$50.67
Tractor (160-199 hp) TRACK	180	600	\$20.56	\$4.16	\$24.72	\$32.23	\$56.96
Tractor (180-199 hp) 2WD	190	600	\$21.71	\$3.36	\$25.06	\$26.01	\$51.07
Tractor (180-199 hp) MFWD	190	600	\$21.71	\$3.76	\$25.47	\$29.15	\$54.62
Tractor (200-249 hp) MFWD	225	600	\$25.71	\$4.00	\$29.70	\$30.95	\$60.65
Tractor (200-249 hp) 4WD	225	600	\$25.71	\$4.54	\$30.24	\$35.14	\$65.38
Tractor (200-249 hp) TRACK	225	600	\$25.71	\$4.82	\$30.52	\$37.34	\$67.87
Tractor (250-349 hp) MFWD	300	600	\$34.28	\$5.12	\$39.39	\$39.61	\$79.00
Tractor (250-349 hp) 4WD	300	600	\$34.28	\$4.79	\$39.06	\$37.09	\$76.15
Tractor (250-349 hp) TRACK	300	600	\$34.28	\$5.70	\$39.97	\$44.13	\$84.11
Tractor (350-449 hp) 4WD	400	600	\$45.70	\$6.54	\$52.24	\$50.60	\$102.84
Tractor (350-449 hp) TRACK	400	600	\$45.70	\$7.12	\$52.82	\$55.10	\$107.93
Tractor (450-550 hp) 4WD	500	600	\$54.27	\$6.93	\$61.19	\$53.61	\$114.81
Tractor (450+ hp) TRACK	475	600	\$54.27	\$7.75	\$62.02	\$59.96	\$121.98

Per hour tractor cost estimates do not include labor.

2WD = Rear Wheel Drive

MFWD = Mechanical Front Wheel Drive

4WD = Four Wheel Drive

TRACK = Tracks instead of wheels

**Table 2. Estimated Farm Machinery Costs Per Acre**

Operation	Size*	Horse Power (PTO)	Performance Rate (ac/hr)	Total Machinery Cost Per Hour (\$/hour)	----- Operating Cost -----			Ownership Cost (\$/acre)	Total Specified Cost Per Acre (\$/acre)
					Repairs & Maint. (\$/acre)	Fuel, Oil and Lube (\$/acre)	Labor (\$/acre)		
<b>TILLAGE EQUIPMENT</b>									
Bedder/Roller (Folding)	21' 8R-30"	MFWD 190	11.24	\$78.43	\$0.63	\$1.93	\$0.80	\$3.60	\$6.98
Bedder/Roller (Folding)	26' 8R-38"	MFWD 190	13.89	\$82.64	\$0.58	\$1.56	\$0.64	\$3.15	\$5.95
Bedder/Roller (Folding)	30' 12R-30"	MFWD 225	16.13	\$95.16	\$0.61	\$1.60	\$0.56	\$3.12	\$5.90
Bedder/Roller (Folding)	40' 12R-38"	MFWD 225	21.74	\$98.91	\$0.48	\$1.20	\$0.42	\$2.44	\$4.55
Chisel Plow (Folding)	24'	MFWD 190	13.16	\$89.87	\$0.88	\$1.65	\$0.68	\$3.57	\$6.83
Chisel Plow (Folding)	32'	MFWD 225	17.54	\$101.40	\$0.77	\$1.48	\$0.51	\$2.99	\$5.78
Chisel Plow (Folding)	42'	4WD 300	22.73	\$121.59	\$0.70	\$1.50	\$0.39	\$2.73	\$5.35
Chisel Plow (Rigid)	15'	2WD 130	8.13	\$52.03	\$0.61	\$1.83	\$1.10	\$2.84	\$6.40
Chisel Plow (Rigid)	24'	MFWD 190	12.99	\$73.90	\$0.53	\$1.67	\$0.69	\$2.78	\$5.69
Cultivate & Post Apply	8R-30"	MFWD 190	9.09	\$91.18	\$1.01	\$2.38	\$1.41	\$5.19	\$10.03
Cultivate & Post Apply	8R-38"	MFWD 190	11.63	\$93.84	\$0.83	\$1.88	\$1.12	\$4.21	\$8.07
Cultivate & Post Apply	10R-30"	MFWD 225	11.36	\$102.39	\$0.94	\$2.26	\$1.13	\$4.67	\$9.01
Cultivate & Post Apply	12R-30"	MFWD 225	13.70	\$107.67	\$0.86	\$1.88	\$0.94	\$4.15	\$7.86
Cultivate & Post Apply	12R-38"	MFWD 225	17.54	\$111.23	\$0.71	\$1.48	\$0.74	\$3.38	\$6.34
Cultivate & Post Apply	16R-30"	MFWD 225	18.18	\$116.00	\$0.76	\$1.41	\$0.70	\$3.49	\$6.38
Cultipacker	12'	2WD 130	8.06	\$45.56	\$0.38	\$1.84	\$1.11	\$2.28	\$5.65
Cultipacker	20'	MFWD 150	13.51	\$60.41	\$0.43	\$1.27	\$0.67	\$2.08	\$4.47
Disk Bed (Hipper)	8R-30"	MFWD 190	10.75	\$77.31	\$0.63	\$2.03	\$0.84	\$3.67	\$7.19
Disk Bed (Hipper)	8R-38"	MFWD 190	13.51	\$80.41	\$0.55	\$1.60	\$0.66	\$3.11	\$5.95
Disk Bed (Hipper)	10R-30"	MFWD 225	13.33	\$86.00	\$0.58	\$1.92	\$0.67	\$3.26	\$6.45
Disk Bed (Hipper)	10R-38"	MFWD 225	16.95	\$87.97	\$0.47	\$1.52	\$0.53	\$2.65	\$5.19
Disk Bed (Hipper)	12R-30"	MFWD 225	16.13	\$89.52	\$0.52	\$1.60	\$0.56	\$2.85	\$5.55
Disk Bed (Hipper)	12R-38"	MFWD 225	20.41	\$95.71	\$0.48	\$1.26	\$0.44	\$2.48	\$4.69

**Table 2. Estimated Farm Machinery Costs Per Acre (cont.)**

Operation	Size*	Horse Power (PTO)	Performance Rate (ac/hr)	Total Machinery Cost Per Hour (\$/hour)	----- Operating Cost -----			Ownership Cost (\$/acre)	Total Specified Cost Per Acre (\$/acre)
					Repairs & Maint. (\$/acre)	Fuel, Oil and Lube (\$/acre)	Labor (\$/acre)		
<b>TILLAGE EQUIPMENT (cont.)</b>									
Disk Harrow	24"	MFWD 190	12.35	\$90.49	\$0.88	\$1.77	\$0.73	\$3.92	\$7.33
Disk Harrow	28"	MFWD 225	14.29	\$99.57	\$0.85	\$1.80	\$0.63	\$3.68	\$6.97
Disk Harrow	32"	MFWD 225	16.39	\$102.95	\$0.79	\$1.57	\$0.55	\$3.35	\$6.28
Field Cultivate	24"	MFWD 190	16.13	\$91.94	\$0.50	\$1.35	\$0.55	\$3.27	\$5.70
Field Cultivate	32'	MFWD 225	21.74	\$113.04	\$0.49	\$1.19	\$0.41	\$3.08	\$5.20
Field Cultivate	42'	4WD 300	28.57	\$142.86	\$0.48	\$1.21	\$0.31	\$2.97	\$5.00
Field Cultivate	50'	4WD 300	34.48	\$153.79	\$0.44	\$1.02	\$0.26	\$2.71	\$4.46
Heavy Disk	14'	MFWD 150	6.90	\$66.62	\$0.99	\$2.50	\$1.31	\$4.84	\$9.66
Heavy Disk	21'	MFWD 170	10.31	\$93.09	\$1.22	\$1.89	\$0.87	\$5.03	\$9.03
Heavy Disk	27'	MFWD 225	13.33	\$106.80	\$1.05	\$1.94	\$0.68	\$4.33	\$8.01
Land Float	18'x50'	MFWD 190	14.08	\$71.41	\$0.37	\$1.55	\$0.64	\$2.47	\$5.07
Land Leveler	18'x70'	MFWD 225	6.99	\$88.25	\$1.18	\$3.68	\$1.28	\$6.46	\$12.62
Levee Disk (Contour Lev.)	8 Blades	MFWD 190	40.00	\$71.20	\$0.11	\$0.54	\$0.22	\$0.89	\$1.78
Levee Disk (Straight Lev.)	8 Blades	MFWD 190	83.33	\$74.17	\$0.05	\$0.27	\$0.11	\$0.44	\$0.89
Paratill & Bed (Rigid)	4R-38"	MFWD 225	6.25	\$81.56	\$1.21	\$4.13	\$1.44	\$6.25	\$13.05
Paratill & Bed (Rigid)	6R-30"	MFWD 225	7.35	\$85.51	\$1.20	\$3.50	\$1.22	\$5.69	\$11.63
Paratill & Bed (Rigid)	6R-38"	MFWD 225	9.35	\$87.66	\$1.01	\$2.76	\$0.96	\$4.62	\$9.38
Roller	32' 12R-30"	2WD 150	21.74	\$69.57	\$0.23	\$0.79	\$0.41	\$1.74	\$3.20
Row Cond (Harrow)	13'	2WD 130	8.77	\$51.32	\$0.39	\$1.70	\$1.03	\$2.70	\$5.85
(Row Cond (Harrow)	21'	2WD 170	14.08	\$65.77	\$0.33	\$1.38	\$0.63	\$2.30	\$4.67
Row Cond (Harrow)	26'	MFWD 190	17.54	\$78.95	\$0.34	\$1.24	\$0.51	\$2.38	\$4.50
Row Cond (Harrow)	38'	MFWD 225	25.64	\$96.15	\$0.31	\$1.01	\$0.35	\$2.06	\$3.75
Rotary Cutter (Flex)	15'	MFWD 150	12.80	\$73.59	\$1.10	\$1.34	\$0.70	\$2.58	\$5.74
Rotary Cutter (Flex)	20'	MFWD 150	17.20	\$83.62	\$1.11	\$1.01	\$0.53	\$2.19	\$4.85

**Table 2. Estimated Farm Machinery Costs Per Acre (cont.)**

Operation	Size*	Horse Power (PTO)	Performance Rate (ac/hr)	Total Machinery Cost Per Hour (\$/hour)	----- Operating Cost -----			Ownership Cost (\$/acre)	Total Specified Cost Per Acre (\$/acre)
					Repairs & Maint. (\$/acre)	Fuel, Oil and Lube (\$/acre)	Labor (\$/acre)		
<b>TILLAGE EQUIPMENT (cont.)</b>									
Stalk Cutter (Flail)	15'	MFWD 150	9.10	\$73.36	\$1.64	\$1.88	\$0.99	\$3.54	\$8.07
Stalk Cutter (Flail)	20'	MFWD 150	12.20	\$80.49	\$1.54	\$1.41	\$0.74	\$2.89	\$6.60
Subsoiler	4 Shank	MFWD 225	6.54	\$77.58	\$0.88	\$3.94	\$1.38	\$5.64	\$11.87
Subsoiler	5 Shank	MFWD 225	8.20	\$78.52	\$0.72	\$3.14	\$1.10	\$4.59	\$9.58
<b>PLANTING EQUIPMENT</b>									
Grain Drill	20'	2WD 170	10.60	\$102.02	\$1.38	\$1.83	\$1.58	\$4.79	\$9.59
Grain Drill	20' 15R-15"	MFWD 170	10.60	\$107.45	\$1.42	\$1.83	\$1.58	\$5.24	\$10.10
Grain Drill	24'	MFWD 190	12.80	\$118.33	\$1.35	\$1.70	\$1.31	\$4.85	\$9.23
Grain Drill	25' 15R-15"	MFWD 190	13.30	\$119.47	\$1.32	\$1.63	\$1.26	\$4.71	\$8.96
Grain Drill	30'	MFWD 225	16.10	\$133.87	\$1.25	\$1.61	\$1.05	\$4.37	\$8.30
Grain Drill	30' 24R-15"	MFWD 225	16.10	\$144.84	\$1.45	\$1.61	\$1.05	\$4.85	\$8.98
Grain Drill	35'	MFWD 225	18.90	\$155.47	\$1.40	\$1.38	\$0.90	\$4.54	\$8.24
No-till Grain Drill	20'	MFWD 190	10.20	\$130.31	\$2.05	\$2.13	\$1.64	\$6.92	\$12.77
No-till Grain Drill	24'	MFWD 190	12.30	\$157.16	\$2.31	\$1.77	\$1.37	\$7.25	\$12.73
No-till Grain Drill	30'	MFWD 225	15.40	\$167.85	\$1.97	\$1.68	\$1.10	\$6.14	\$10.91
Planter (Folding)	8R-38"	MFWD 170	13.50	\$107.43	\$1.11	\$1.44	\$1.25	\$4.13	\$7.95
Planter (Folding)	10R-30"	MFWD 190	13.30	\$126.40	\$1.48	\$1.63	\$1.26	\$5.08	\$9.48
Planter (Folding)	10R-38"	MFWD 190	16.90	\$127.46	\$1.17	\$1.29	\$0.99	\$4.04	\$7.52
Planter (Folding)	12R-20"	MFWD 190	10.60	\$123.62	\$1.78	\$2.04	\$1.58	\$6.19	\$11.62
Planter (Folding)	12R-30"	MFWD 190	16.10	\$133.06	\$1.33	\$1.36	\$1.05	\$4.48	\$8.25
Planter (Folding)	12R-38"	MFWD 190	20.40	\$129.59	\$1.00	\$1.07	\$0.83	\$3.42	\$6.35
Planter (Folding)	16R-30"	MFWD 190	21.30	\$155.53	\$1.32	\$1.02	\$0.79	\$4.15	\$7.31
Planter (Folding)	23R-15"	MFWD 190	15.40	\$167.23	\$2.05	\$1.42	\$1.10	\$6.28	\$10.87

**Table 2. Estimated Farm Machinery Costs Per Acre (cont.)**

Operation	Size*	Horse Power (PTO)	Performance Rate (ac/hr)	Total Machinery Cost Per Hour (\$/hour)	----- Operating Cost -----			Ownership Cost (\$/acre)	Total Specified Cost Per Acre (\$/acre)
					Repairs & Maint. (\$/acre)	Fuel, Oil and Lube (\$/acre)	Labor (\$/acre)		
<b>PLANTING EQUIPMENT (cont.)</b>									
Planter (Folding)	24R-15"	MFWD 225	16.10	\$175.97	\$2.02	\$1.61	\$1.05	\$6.21	\$10.91
Planter (Folding)	24R-20"	MFWD 190	21.30	\$185.32	\$1.73	\$1.02	\$0.79	\$5.15	\$8.71
Planter (Folding)	24R-30"	MFWD 190	32.30	\$200.00	\$1.26	\$0.68	\$0.52	\$3.70	\$6.20
Planter (Folding)	31R-15"	MFWD 225	20.80	\$208.96	\$2.02	\$1.25	\$0.81	\$5.92	\$10.03
Planter (Folding)	32R-15"	MFWD 225	21.30	\$198.30	\$1.84	\$1.21	\$0.79	\$5.46	\$9.32
<b>SPRAYERS/FERTILIZER SPREADERS</b>									
Fert. Appl. (Liquid)	8R-30"	MFWD 190	10.20	\$89.08	\$1.24	\$2.13	\$1.26	\$4.08	\$8.73
Fert. Appl. (Liquid)	8R-38"	MFWD 190	12.99	\$89.87	\$0.98	\$1.68	\$1.00	\$3.23	\$6.92
Fert. Appl. (Liquid)	10R-30"	MFWD 225	12.82	\$96.79	\$1.04	\$2.02	\$1.01	\$3.46	\$7.55
Fert. Appl. (Liquid)	10R-38"	MFWD 225	16.39	\$99.84	\$0.87	\$1.59	\$0.79	\$2.80	\$6.09
Fert. Appl. (Liquid)	12R-30"	MFWD 225	12.82	\$98.85	\$1.11	\$2.02	\$1.01	\$3.55	\$7.71
Fert. Appl. (Liquid)	12R-38"	MFWD 225	19.61	\$101.57	\$0.77	\$1.32	\$0.66	\$2.40	\$5.18
Spinner Spreader	5 ton	MFWD 190	23.80	\$92.86	\$0.40	\$0.91	\$0.70	\$1.86	\$3.90
Sprayer (300-450 Gal)	60'		58.82	\$77.06	\$0.07	\$0.22	\$0.22	\$0.58	\$1.31
Sprayer (300-450 Gal)	80'		76.92	\$105.38	\$0.05	\$0.16	\$0.17	\$0.82	\$1.37
Sprayer (600-750 Gal)	60'		58.82	\$162.94	\$0.13	\$0.40	\$0.22	\$1.80	\$2.77
Sprayer (600-825 Gal)	80'		76.92	\$170.77	\$0.11	\$0.30	\$0.17	\$1.47	\$2.22
Sprayer (600-825 Gal)	90'		90.91	\$172.73	\$0.09	\$0.26	\$0.15	\$1.25	\$1.90
Sprayer (1,000-1,400 Gal)	100'		100.00	\$222.00	\$0.11	\$0.33	\$0.13	\$1.52	\$2.22
Sprayer (1,200+ Gal)	120'		125.00	\$248.75	\$0.10	\$0.30	\$0.11	\$1.37	\$1.99
Spray (Direct/Hood)	8R-30"	MFWD 170	11.90	\$79.17	\$0.80	\$1.64	\$1.09	\$3.10	\$6.65
Spray (Direct/Hood)	8R-38"	MFWD 170	15.15	\$80.61	\$0.66	\$1.29	\$0.86	\$2.49	\$5.32
Spray (Direct/Hood)	12R-30"	MFWD 170	17.86	\$83.39	\$0.63	\$1.09	\$0.72	\$2.21	\$4.67
Spray (Direct/Hood)	12R-38"	MFWD 170	22.73	\$84.32	\$0.50	\$0.86	\$0.57	\$1.75	\$3.71

**Table 2. Estimated Farm Machinery Costs Per Acre (cont.)**

Operation	Size*	Horse Power (PTO)	Performance Rate (ac/hr)	Total Machinery Cost Per Hour (\$/hour)	----- Operating Cost -----			Ownership Cost (\$/acre)	Total Specified Cost Per Acre (\$/acre)
					Repairs & Maint. (\$/acre)	Fuel, Oil and Lube (\$/acre)	Labor (\$/acre)		
<b>COMBINES AND COTTON PICKERS**</b>									
Cotton Picker**	4R-30"	250	3.06	\$261.10	\$12.18	\$9.35	\$5.49	\$58.34	\$85.38
Cotton Picker**	4R-38"	255	3.89	\$260.54	\$9.52	\$7.51	\$4.33	\$45.60	\$66.96
Cotton Picker**	5R-30"	255	3.83	\$267.59	\$9.98	\$7.63	\$4.39	\$47.82	\$69.84
Cotton Picker**	5R-38"	250	4.83	\$282.46	\$8.47	\$5.91	\$3.48	\$40.59	\$58.47
Cotton Picker**	6R-30"	325	4.59	\$395.09	\$12.84	\$8.10	\$3.66	\$61.51	\$86.13
Cotton Picker**	6R-38"	330	5.81	\$385.99	\$9.84	\$6.49	\$2.89	\$47.15	\$66.39
Combine - Corn	6R-30"	240	5.88	\$157.47	\$4.18	\$4.66	\$1.53	\$16.38	\$26.77
Combine - Corn	6R-38"	240	7.46	\$159.63	\$3.38	\$3.68	\$1.20	\$13.09	\$21.39
Combine - Corn	8R-30"	240	7.87	\$164.80	\$3.43	\$3.50	\$1.14	\$12.83	\$20.93
Combine - Corn	8R-38"	275	10.00	\$184.60	\$3.00	\$3.17	\$0.90	\$11.36	\$18.46
Combine - Corn	12R-20"	275	7.87	\$193.54	\$4.22	\$4.01	\$1.14	\$15.18	\$24.58
Combine - Corn	12R-30"	275	11.76	\$196.71	\$2.93	\$2.67	\$0.76	\$10.34	\$16.72
Combine - Rice (Contour Lev.)	22' Rigid	240	3.47	\$150.56	\$6.40	\$7.90	\$2.59	\$26.44	\$43.36
Combine - Rice (Contour Lev.)	25' Rigid	275	3.95	\$169.88	\$6.36	\$7.97	\$2.28	\$26.34	\$42.98
Combine - Rice (Contour Lev.)	30' Rigid	325	4.74	\$193.32	\$6.00	\$7.85	\$1.90	\$25.01	\$40.79
Combine - Rice (Straight Lev.)	22' Rigid	240	4.00	\$150.32	\$5.54	\$6.85	\$2.25	\$22.91	\$37.58
Combine - Rice (Straight Lev.)	25' Rigid	275	4.55	\$169.32	\$5.51	\$6.91	\$1.98	\$22.82	\$37.25
Combine - Rice (Straight Lev.)	30' Rigid	325	5.46	\$193.17	\$5.21	\$6.80	\$1.64	\$21.68	\$35.35
Combine - Rice (Contour Lev.)	22' Stripper	240	5.21	\$157.66	\$4.74	\$5.27	\$1.73	\$18.52	\$30.27
Combine - Rice (Straight Lev.)	22' Stripper	240	6.02	\$158.01	\$4.11	\$4.56	\$1.50	\$16.05	\$26.23
Combine - Soybean	18' Flex	240	7.09	\$150.71	\$3.11	\$3.89	\$1.27	\$12.95	\$21.25
Combine - Soybean	22' Flex	240	8.62	\$150.78	\$2.58	\$3.18	\$1.04	\$10.67	\$17.49
Combine - Soybean	25' Flex	275	9.80	\$169.80	\$2.57	\$3.20	\$0.91	\$10.61	\$17.32
Combine - Soybean	30' Flex	275	11.76	\$172.12	\$2.20	\$2.67	\$0.76	\$8.98	\$14.63
Combine - Soybean	35' Flex	325	13.89	\$200.14	\$2.18	\$2.71	\$0.65	\$8.84	\$14.41

**Table 2. Estimated Farm Machinery Costs Per Acre (cont.)**

Operation	Size*	Horse Power (PTO)	Performance Rate (ac/hr)	Total Machinery Cost Per Hour (\$/hour)	----- Operating Cost -----			Ownership Cost (\$/acre)	Total Specified Cost Per Acre (\$/acre)
					Repairs & Maint. (\$/acre)	Fuel, Oil and Lube (\$/acre)	Labor (\$/acre)		
<b>COMBINES AND COTTON PICKERS** (cont.)</b>									
Combine - Wheat/Sorghum	18' Rigid	240	7.09	\$149.15	\$3.03	\$3.89	\$1.27	\$12.81	\$21.03
Combine - Wheat/Sorghum	22' Rigid	240	8.62	\$149.05	\$2.51	\$3.18	\$1.04	\$10.54	\$17.29
Combine - Wheat/Sorghum	25' Rigid	240	9.80	\$149.31	\$2.22	\$2.80	\$0.91	\$9.28	\$15.23
Combine - Wheat/Sorghum	30' Rigid	275	11.76	\$168.35	\$2.09	\$2.67	\$0.76	\$8.76	\$14.31

\* ' = feet, " = inches, R = rows

\*\* Performance rate of cotton harvesting based upon use of module builder and boll buggy.

INFORMATION PRESENTED IN THIS DOCUMENT IS PREPARED AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS FROM ANY ONE PARTICULAR FARM OPERATION.

The authors would like to acknowledge Phil Tacker, associate professor - agricultural engineer, and Dr. Kelly J. Bryant, professor and Southeast Research and Extension Center (SEREC) director, for their review of this fact sheet.

Printed by University of Arkansas Cooperative Extension Service Printing Services.

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