

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 for field operations in Table 2 include repairs and maintenance, fuel, oil, lube and labor. Tractor costs in Table 1 do 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 at \$2.22/gal and labor at \$11.23/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 and interest. These costs have been derived by the capital recovery method which determines the amount of money that should be set aside each year to replace the value of equipment used in production. Various financing arrangements and tax depreciation methods can produce annual costs that vary significantly from these estimates. The interest rate applied for capital recovery estimation in this publication is 6.5 percent.

Items such as taxes and insurance are left out of these calculations. These specific costs vary widely among farms so as to make routine calculation for representative situations impractical. These items should, however, be considered by the individual producer and factored into final budgets. Representative purchase prices for equipment are based on numerous sources of information including average U.S. prices and industry list prices.

This information may also be used in comparing or estimating custom rates. Farmers often perform custom work in order to

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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.

Table 1. Estimated Tractor Costs Per Hour

Tractor	Horse-power (PTO)	Annual Hours Use	Diesel Fuel Use (gal/hour)	\$/hour				
				Fuel, Oil & Lube	Repairs & Maint.	Total Direct	Fixed Costs	Total Costs
Tractor RB MFWD	30	600	1.54	\$3.94	\$0.55	\$3.98	\$3.64	\$7.62
Tractor CB MFWD	30	600	1.54	\$3.94	\$0.70	\$4.13	\$4.67	\$8.80
Tractor RB 2WD	50	600	2.57	\$6.57	\$0.67	\$6.38	\$4.43	\$10.81
Tractor RB MFWD	50	600	2.57	\$6.57	\$0.79	\$6.50	\$5.26	\$11.76
Tractor CB 2WD	50	600	2.57	\$6.57	\$0.85	\$6.56	\$5.67	\$12.23
Tractor CB MFWD	50	600	2.57	\$6.57	\$0.97	\$6.68	\$6.44	\$13.12
Tractor RB 2WD	75	600	3.86	\$9.86	\$0.95	\$9.52	\$6.31	\$15.83
Tractor CB 2WD	75	600	3.86	\$9.86	\$1.18	\$9.75	\$7.81	\$17.56
Tractor RB MFWD	75	600	3.86	\$9.86	\$1.09	\$9.66	\$7.22	\$16.88
Tractor CB MFWD	75	600	3.86	\$9.86	\$1.31	\$9.88	\$8.70	\$18.58
Tractor RB 2WD	105	600	5.40	\$13.80	\$1.46	\$13.46	\$9.70	\$23.16
Tractor CB 2WD	105	600	5.40	\$13.80	\$1.89	\$13.89	\$12.52	\$26.41
Tractor RB MFWD	105	600	5.40	\$13.80	\$1.63	\$13.63	\$10.80	\$24.43
Tractor CB MFWD	105	600	5.40	\$13.80	\$2.11	\$14.11	\$13.99	\$28.10
Tractor CB 2WD	130	600	6.69	\$17.08	\$2.63	\$17.48	\$17.49	\$34.97
Tractor CB MFWD	130	600	6.69	\$17.08	\$2.85	\$17.70	\$18.96	\$36.66
Tractor CB 2WD	150	600	7.72	\$19.71	\$3.09	\$20.23	\$20.54	\$40.77
Tractor CB MFWD	150	600	7.72	\$19.71	\$3.37	\$20.51	\$22.36	\$42.87
Tractor CB 2WD	170	600	8.75	\$22.34	\$3.38	\$22.81	\$23.36	\$46.17
Tractor CB MFWD	170	600	8.75	\$22.34	\$3.86	\$23.29	\$26.69	\$49.98
Tractor CB MFWD	190	600	9.78	\$24.97	\$4.01	\$25.72	\$27.73	\$53.45
Tractor CB MFWD	225	600	11.58	\$29.57	\$4.81	\$30.52	\$33.20	\$63.72
Tractor CB Track	225	600	11.58	\$29.57	\$5.63	\$31.34	\$38.85	\$70.19
Tractor CB MFWD	300	600	15.44	\$39.42	\$5.84	\$40.12	\$40.36	\$80.48
Tractor CB 4WD	300	600	15.44	\$39.42	\$5.98	\$40.26	\$41.33	\$81.59
Tractor CB Track	300	600	15.44	\$39.42	\$6.19	\$40.47	\$42.73	\$83.20
Tractor CB 4WD	400	600	20.59	\$52.56	\$6.87	\$52.58	\$47.47	\$100.05
Tractor CB Track	400	600	20.59	\$52.56	\$8.07	\$53.78	\$55.74	\$109.52
Tractor CB 4WD	500	600	25.74	\$65.70	\$8.09	\$65.22	\$55.85	\$121.07
Tractor CB Track	500	600	25.74	\$65.70	\$8.85	\$65.98	\$61.10	\$127.08

Note: Per hour tractor cost estimates do not include labor.
 2WD = Rear-Wheel Drive
 MFWD = Mechanical Front-Wheel Drive
 4WD = Four-Wheel Drive
 Track = Equipment Track Driven
 RB = Roll Bar
 CB = Tractor Cab

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 & Lube (\$/acre)	Labor (\$/acre)		
TILLAGE EQUIPMENT									
Bedder Roller Fold.	8R-38	MFWD 190	13.5	\$89.68	\$0.77	\$1.85	\$0.83	\$3.44	\$6.65
Bedder Roller Fold.	12R-30	MFWD 225	16.0	\$101.91	\$0.73	\$1.85	\$0.70	\$3.33	\$6.37
Bedder Roller-Fold.	12R-38	MFWD 225	20.3	\$104.36	\$0.61	\$1.46	\$0.55	\$2.72	\$5.15
Bedder Roller-Fold.	16R-30	MFWD 225	21.3	\$105.63	\$0.59	\$1.39	\$0.53	\$2.63	\$4.96
Chisel Plow-Folding	24'	MFWD 190	13.1	\$96.23	\$1.13	\$1.91	\$0.86	\$3.71	\$7.36
Chisel Plow-Folding	32'	MFWD 225	17.3	\$111.97	\$1.00	\$1.71	\$0.65	\$3.33	\$6.47
Chisel Plow-Folding	42'	MFWD 225	22.7	\$117.18	\$0.84	\$1.30	\$0.49	\$2.69	\$5.15
Chisel Plow-Rigid	18'	MFWD 190	9.7	\$87.84	\$1.22	\$2.56	\$1.15	\$4.42	\$9.02
Chisel Plow-Rigid	24'	MFWD 190	13.0	\$74.76	\$0.57	\$1.92	\$0.87	\$2.65	\$5.76
Cultivate & Post	8R-30	MFWD 190	9.1	\$95.02	\$1.17	\$2.75	\$1.73	\$5.16	\$10.45
Cultivate & Post	8R-38	MFWD 190	11.5	\$97.74	\$0.98	\$2.17	\$1.37	\$4.26	\$8.50
Cultivate & Post	10R-30	MFWD 225	11.4	\$109.06	\$1.09	\$2.60	\$1.39	\$4.86	\$9.60
Cultivate & Post	12R-30	MFWD 225	13.6	\$123.26	\$1.17	\$1.36	\$1.16	\$4.83	\$8.34
Cultivate & Post	12R-38	MFWD 225	17.3	\$123.68	\$0.93	\$1.71	\$0.91	\$3.83	\$7.16
Cultivate & Post	16R-30	MFWD 225	18.2	\$131.98	\$1.00	\$1.62	\$0.87	\$3.98	\$7.26
Disk & Incorporate	28'	MFWD 225	13.4	\$118.11	\$1.34	\$2.21	\$1.18	\$4.39	\$8.83
Disk & Incorporate	32'	MFWD 225	15.3	\$122.82	\$1.28	\$1.93	\$1.03	\$4.05	\$8.04
Disk Bed (Hipper)	8R-30	MFWD 190	10.7	\$78.60	\$0.71	\$2.35	\$1.05	\$3.57	\$7.37
Disk Bed (Hipper) Fld	8R-38	MFWD 190	13.5	\$81.36	\$0.61	\$1.85	\$0.83	\$2.98	\$6.03
Disk Bed (Hipper)	10R-30	MFWD 225	13.3	\$93.96	\$0.72	\$2.22	\$0.84	\$3.55	\$7.04
Disk Bed (Hipper)	10R-38	MFWD 225	16.9	\$94.14	\$0.57	\$1.75	\$0.66	\$2.81	\$5.56
Disk Bed (Hipper)	12R-30	MFWD 225	16.0	\$96.99	\$0.65	\$1.85	\$0.70	\$3.10	\$6.06
Disk Bed (Hipper)	12R-38	MFWD 225	20.3	\$97.72	\$0.52	\$1.46	\$0.55	\$2.48	\$4.82

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 & Lube (\$/acre)	Labor (\$/acre)		
TILLAGE EQUIPMENT [cont.]									
Disk Harrow	24'	MFWD 190	12.2	\$95.84	\$1.09	\$2.05	\$0.92	\$4.06	\$7.85
Disk Harrow	28'	MFWD 225	14.3	\$110.79	\$1.09	\$2.07	\$0.79	\$4.09	\$7.77
Disk Harrow	32'	MFWD 225	16.3	\$115.72	\$1.04	\$1.82	\$0.69	\$3.79	\$7.10
Ditcher	---	2WD 130	50.0	\$51.00	\$0.09	\$0.35	\$0.22	\$0.41	\$1.02
Field Cultivate Fld	24'	MFWD 170	16.1	\$94.21	\$0.60	\$1.39	\$0.70	\$3.35	\$5.86
Field Cultivate Fld	32'	MFWD 190	21.4	\$111.35	\$0.57	\$1.16	\$0.52	\$3.09	\$5.19
Field Cultivate Fld	42'	MFWD 225	28.1	\$139.93	\$0.58	\$1.05	\$0.40	\$3.08	\$4.97
Field Cultivate Fld	50'	MFWD 225	33.5	\$153.47	\$0.56	\$0.89	\$0.34	\$2.92	\$4.59
Gate Installer	---	MFWD 105	40.0	\$68.80	\$0.16	\$0.39	\$0.46	\$0.76	\$1.72
Heavy Disk	14'	MFWD 150	6.9	\$71.52	\$1.25	\$2.88	\$1.64	\$5.04	\$10.43
Heavy Disk	21'	MFWD 170	10.3	\$88.94	\$1.18	\$2.17	\$1.09	\$4.49	\$8.65
Heavy Disk	27'	MFWD 190	13.2	\$96.49	\$1.02	\$1.89	\$0.85	\$3.78	\$7.29
Land Plane	50'x16'	MFWD 190	6.6	\$72.80	\$0.92	\$3.78	\$1.70	\$5.12	\$11.03
Levee Disk & Seed	8 blade	MFWD 170	40.0	\$74.84	\$0.15	\$0.56	\$0.28	\$0.96	\$1.88
Levee Disk	8 blade	MFWD 170	40.0	\$71.49	\$0.13	\$0.56	\$0.28	\$0.89	\$1.79
Paratill & Bed Fold.	8R-38	MFWD 225	12.4	\$116.12	\$1.52	\$2.39	\$0.91	\$4.88	\$9.39
Paratill & Bed Fold.	10R-30	MFWD 225	12.2	\$109.11	\$1.34	\$2.42	\$0.92	\$4.56	\$8.92
Paratill & Bed Fold.	12R-38	MFWD 225	18.6	\$129.92	\$1.26	\$1.59	\$0.60	\$3.74	\$6.98
Roller/Stubble	20'	MFWD 150	13.4	\$61.33	\$0.47	\$1.47	\$0.84	\$2.00	\$4.59
Roller/Stubble	32'	MFWD 225	21.4	\$87.20	\$0.45	\$1.38	\$0.52	\$1.89	\$4.06
Row Cond Folding	26'	MFWD 225	16.7	\$99.55	\$0.55	\$1.77	\$0.67	\$3.19	\$5.95
Row Cond Folding	38'	MFWD 225	24.5	\$104.52	\$0.41	\$1.21	\$0.46	\$2.35	\$4.27
Rotary Cutter-Flex	15'	MFWD 150	12.7	\$78.20	\$1.33	\$1.55	\$0.88	\$2.59	\$6.15
Rotary Cutter-Flex	20'	MFWD 150	17.0	\$89.50	\$1.37	\$1.16	\$0.66	\$2.23	\$5.27

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 & Lube (\$/acre)	Labor (\$/acre)		
TILLAGE EQUIPMENT [cont.]									
Stalk Shredder-Flail	15'	MFWD 150	9.1	\$80.18	\$2.09	\$2.17	\$1.24	\$3.61	\$8.83
Stalk Shredder-Flail	18'	MFWD 150	10.9	\$86.69	\$2.10	\$1.81	\$1.03	\$3.25	\$7.95
Stalk Shredder-Flail	20'	MFWD 150	12.1	\$87.25	\$1.92	\$1.62	\$0.93	\$2.94	\$7.20
Subsoiler	4 shank	MFWD 225	6.5	\$83.42	\$1.08	\$4.54	\$1.73	\$6.06	\$12.82
Subsoiler	5 shank	MFWD 225	8.2	\$83.80	\$0.87	\$3.62	\$1.37	\$4.86	\$10.25
PLANTING EQUIPMENT									
Grain Drill	20'	MFWD 170	10.6	\$107.48	\$1.49	\$2.10	\$1.91	\$4.90	\$10.13
Grain Drill	24'	MFWD 190	15.9	\$130.99	\$1.75	\$1.97	\$1.59	\$5.24	\$10.29
Grain Drill	30'	MFWD 225	15.9	\$142.89	\$1.49	\$1.86	\$1.28	\$4.60	\$8.99
Grain Drill	35'	MFWD 225	18.6	\$157.38	\$1.52	\$1.60	\$1.09	\$4.48	\$8.48
Grain Drill	40'	MFWD 225	21.2	\$181.25	\$1.69	\$1.39	\$0.96	\$4.68	\$8.54
Grain Drill	15' 11R-15	MFWD 150	8.0	\$103.04	\$2.03	\$2.47	\$2.55	\$6.22	\$12.95
Grain Drill	20' 15R-15	MFWD 170	10.6	\$116.58	\$1.76	\$2.10	\$1.91	\$5.49	\$10.99
Grain Drill	25' 15R-15	MFWD 190	13.3	\$132.39	\$1.72	\$1.89	\$1.53	\$5.10	\$9.99
NT Grain Drill	15'	MFWD 150	7.6	\$108.45	\$2.34	\$2.58	\$2.66	\$6.96	\$14.20
NT Grain Drill	20'	MFWD 170	10.2	\$135.48	\$2.43	\$2.20	\$1.91	\$6.98	\$13.23
NT Grain Drill	24'	MFWD 190	12.2	\$160.98	\$2.61	\$2.05	\$1.66	\$7.13	\$13.18
NT Grain Drill	30'	MFWD 225	15.3	\$200.80	\$2.76	\$1.93	\$1.33	\$7.37	\$13.14
Plant - Folding	8R-38	MFWD 170	13.4	\$113.65	\$1.32	\$1.67	\$1.51	\$4.19	\$8.47
Plant - Folding	10R-30	MFWD 190	13.3	\$129.34	\$1.64	\$1.89	\$1.53	\$4.94	\$9.75
Plant - Folding	12R-20	MFWD 190	10.6	\$138.73	\$2.34	\$2.36	\$1.91	\$6.78	\$13.08
Plant - Folding	12R-30	MFWD 190	15.9	\$142.88	\$1.64	\$1.56	\$1.28	\$4.70	\$8.98
Plant - Folding	12R-38	MFWD 190	20.2	\$137.85	\$1.22	\$1.24	\$1.01	\$3.54	\$6.85
Plant - Folding	16R-30	MFWD 190	21.2	\$163.16	\$1.54	\$1.17	\$0.96	\$4.17	\$7.69
Plant - Folding	23R-15	MFWD 190	15.3	\$181.61	\$2.52	\$1.63	\$1.33	\$6.62	\$11.89

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 & Lube (\$/acre)	Labor (\$/acre)		
PLANTING EQUIPMENT [cont.]									
Plant - Folding	24R-15	MFWD 225	15.9	\$195.28	\$2.54	\$1.86	\$1.28	\$6.84	\$12.28
Plant - Folding	24R-20	MFWD 225	21.2	\$205.45	\$2.06	\$1.39	\$0.96	\$5.46	\$9.69
Plant - Folding	24R-30	MFWD 225	31.8	\$232.27	\$1.64	\$0.93	\$0.64	\$4.21	\$7.30
Plant - Folding	31R-15	MFWD 225	20.5	\$206.53	\$2.14	\$1.44	\$0.99	\$5.68	\$10.06
Plant - Folding	8R-38	MFWD 170	13.4	\$113.65	\$1.32	\$1.67	\$1.51	\$4.19	\$8.47
Plant - Folding	10R-30	MFWD 190	13.3	\$129.34	\$1.64	\$1.89	\$1.53	\$4.94	\$9.75
SPRAYERS / FERTILIZER SPREADERS									
Fert Appl (Liquid)	8R-30	MFWD 190	10.2	\$93.86	\$1.47	\$2.45	\$1.55	\$4.07	\$9.22
Fert Appl (Liquid)	8R-38	MFWD 190	12.9	\$96.28	\$1.25	\$1.94	\$1.22	\$3.32	\$7.48
Fert Appl (Liquid)	10R-30	MFWD 225	12.7	\$105.23	\$1.28	\$2.32	\$1.24	\$3.73	\$8.27
Fert Appl (Liquid)	10R-38	MFWD 225	16.1	\$110.02	\$1.14	\$1.83	\$0.98	\$3.11	\$6.82
Fert Appl (Liquid)	12R-30	MFWD 225	12.7	\$109.87	\$1.44	\$2.32	\$1.24	\$3.93	\$8.63
Fert Appl (Liquid)	12R-38	MFWD 225	19.3	\$102.08	\$0.77	\$1.53	\$0.81	\$2.36	\$5.27
Spin Spreader	5 ton	MFWD 190	23.8	\$95.33	\$0.45	\$1.05	\$0.85	\$1.79	\$4.00
Sprayer 300-450 gal	60'		56.7	\$69.55	\$0.09	\$0.25	\$0.28	\$0.64	\$1.23
Sprayer 300-450 gal	80'		75.6	\$72.36	\$0.07	\$0.22	\$0.21	\$0.49	\$0.96
Sprayer 600-750 gal	60'		56.7	\$99.73	\$0.14	\$0.40	\$0.28	\$0.99	\$1.76
Sprayer 600-825 gal	80'		75.6	\$121.12	\$0.13	\$0.40	\$0.21	\$0.92	\$1.61
Sprayer 600-825 gal	90'		85.1	\$129.60	\$0.12	\$0.38	\$0.19	\$0.88	\$1.52
Sprayer 1,000 gal	100'		94.5	\$134.73	\$0.11	\$0.38	\$0.17	\$0.81	\$1.42
Sprayer 1,200+ gal	120'		113.5	\$160.97	\$0.12	\$0.35	\$0.14	\$0.86	\$1.42
Spray (Direct/Hood)	8R-30	MFWD 170	11.8	\$81.54	\$0.90	\$1.89	\$1.33	\$3.02	\$6.89
Spray (Direct/Hood)	8R-38	MFWD 170	15.0	\$82.84	\$0.75	\$1.50	\$1.05	\$2.44	\$5.54
Spray (Direct/Hood)	12R-30	MFWD 170	17.7	\$85.79	\$0.70	\$1.27	\$0.89	\$2.15	\$4.84
Spray (Direct/Hood)	12R-38	MFWD 170	22.5	\$86.30	\$0.57	\$1.00	\$0.70	\$1.71	\$3.85

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 & Lube (\$/acre)	Labor (\$/acre)		
COMBINES AND COTTON PICKERS**									
Cotton Picker **	4R-30"	250hp	3.06	\$270.51	\$13.39	\$10.75	\$6.64	\$57.62	\$88.40
Cotton Picker **	4R-38"	250hp	3.89	\$272.25	\$10.58	\$8.64	\$5.23	\$45.54	\$69.99
Cotton Picker **	6R-30"	350hp	4.59	\$399.95	\$13.84	\$9.32	\$4.42	\$59.56	\$87.14
Cotton Picker **	6R-38"	350hp	5.81	\$399.05	\$10.88	\$7.46	\$3.49	\$46.85	\$68.68
Cotton Picker OBMB*	6R-30"	365hp	4.59	\$484.22	\$17.30	\$9.32	\$4.42	\$74.46	\$105.50
Cotton Picker OBMB*	6R-30"	500hp	4.59	\$522.23	\$18.86	\$9.32	\$4.42	\$81.18	\$113.78
Cotton Picker OBMB*	6R-38"	365hp	5.81	\$483.30	\$13.62	\$7.46	\$3.49	\$58.61	\$83.18
Cotton Picker OBMB*	6R-38"	500hp	5.81	\$523.44	\$14.92	\$7.46	\$3.49	\$64.22	\$90.09
Header - Corn	6R-30	265	5.9	\$185.92	\$5.40	\$5.93	\$1.91	\$19.19	\$31.66
Header - Corn	6R-38	265	7.4	\$186.99	\$4.32	\$4.68	\$1.51	\$15.24	\$25.14
Header - Corn	8R-30	265	7.8	\$192.88	\$4.38	\$4.45	\$1.43	\$14.95	\$24.63
Header - Corn	8R-38	325	9.9	\$215.59	\$3.79	\$4.31	\$1.13	\$13.10	\$21.77
Header - Corn	12R-20	325	7.8	\$225.56	\$5.27	\$5.45	\$1.43	\$17.36	\$28.80
Header - Corn	12R-30	325	11.7	\$230.79	\$3.68	\$3.63	\$0.96	\$11.85	\$19.65
Header - Rice (CL)	25' Rigid	325	3.9	\$205.06	\$8.51	\$10.84	\$2.85	\$31.26	\$52.05
Header - Rice (CL)	30' Rigid	325	4.7	\$211.18	\$7.58	\$9.04	\$2.38	\$26.86	\$44.68
Header - Rice (SL)	25' Rigid	325	4.5	\$205.06	\$7.38	\$9.40	\$2.47	\$27.09	\$45.11
Header - Rice (SL)	30' Rigid	325	5.5	\$211.18	\$6.57	\$7.83	\$2.06	\$23.28	\$38.72
Header - Rice (CL)	24' Stripper	325	4.7	\$210.95	\$7.56	\$9.04	\$2.38	\$26.83	\$44.63
Header - Rice (SL)	24' Stripper	325	5.5	\$210.95	\$6.55	\$7.83	\$2.06	\$23.25	\$38.67
Header - Soybean	22' Flex	265	8.6	\$178.44	\$3.35	\$4.05	\$1.30	\$12.54	\$20.71
Header - Soybean	25' Flex	325	9.8	\$201.63	\$3.30	\$4.36	\$1.15	\$12.36	\$20.60
Header - Soybean	30' Flex	325	11.7	\$204.28	\$2.83	\$3.63	\$0.96	\$10.44	\$17.39
Header - Soybean	35' Flex	355	13.7	\$222.27	\$2.67	\$3.40	\$0.82	\$9.77	\$16.22

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 & Lube (\$/acre)	Labor (\$/acre)		
COMBINES AND COTTON PICKERS** [cont.]									
Header Wheat/Sorghum	22' Rigid	265	8.6	\$172.59	\$3.10	\$4.05	\$1.30	\$12.12	\$20.04
Header Wheat/Sorghum	25' Rigid	325	9.8	\$199.85	\$3.23	\$4.36	\$1.15	\$12.25	\$20.42
Header Wheat/Sorghum	30' Rigid	325	11.7	\$201.45	\$2.74	\$3.63	\$0.96	\$10.29	\$17.15

* ' = feet, " = inches, R = rows, OBMB = On-Board Module Builder.

**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.

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