

## 2024 Estimate of Farm Machinery Costs per Acre

Implement Name, Description	Total Field Trip Costs per Acre					Acres per Hour	Hours per Acre
	Fixed Costs	Repairs	Fuel	Labor	Total		
Paratill	\$ 11.50	\$ 1.77	\$ 4.72	\$ 1.79	\$ 19.78	7.83	0.13
Subsoiler, 25 ft.	\$ 9.02	\$ 1.44	\$ 3.59	\$ 1.36	\$ 15.41	10.30	0.10
Subsoiler, 5 shank	\$ 17.27	\$ 2.49	\$ 7.47	\$ 2.84	\$ 30.06	4.95	0.20
Bedder, Rip/Disk	\$ 9.10	\$ 1.39	\$ 2.36	\$ 0.90	\$ 13.75	15.66	0.06
Bedder, Lister	\$ 7.23	\$ 1.38	\$ 2.36	\$ 0.90	\$ 11.86	15.66	0.06
Disk	\$ 7.91	\$ 1.21	\$ 2.04	\$ 0.77	\$ 11.93	18.13	0.06
Bedder, Hipper	\$ 7.53	\$ 1.10	\$ 2.23	\$ 0.85	\$ 11.71	16.58	0.06
Chisel Plow	\$ 7.78	\$ 1.46	\$ 2.24	\$ 0.85	\$ 12.33	16.48	0.06
Harrow	\$ 2.81	\$ 0.43	\$ 1.09	\$ 0.49	\$ 4.81	28.85	0.03
Roller	\$ 4.18	\$ 0.44	\$ 1.57	\$ 0.60	\$ 6.79	23.49	0.04
Bedder-Roller	\$ 6.25	\$ 0.67	\$ 1.89	\$ 0.72	\$ 9.52	19.58	0.05
Ditcher	\$ 0.28	\$ 0.03	\$ 0.12	\$ 0.06	\$ 0.49		
Turbo Tiller	\$ 6.37	\$ 1.05	\$ 1.81	\$ 0.69	\$ 9.93	20.36	0.05
Rotary Harrow (ex. Phillips)	\$ 4.30	\$ 0.56	\$ 1.21	\$ 0.46	\$ 6.52	30.55	0.03
Field Cultivator	\$ 4.45	\$ 0.84	\$ 1.22	\$ 0.46	\$ 6.97	30.29	0.03
Row Crop Cultivator, Irrigation Middles	\$ 4.28	\$ 0.46	\$ 1.43	\$ 0.54	\$ 6.72	25.79	0.04
Sprayer, Tractor Mounted (ft)	\$ 1.14	\$ 0.19	\$ 0.50	\$ 0.25	\$ 2.06	56.73	0.02
Sprayer, Tractor Mounted (row)	\$ 1.97	\$ 0.35	\$ 0.78	\$ 0.39	\$ 3.49	35.93	0.03
Land Plane	\$ 4.71	\$ 0.54	\$ 2.10	\$ 0.94	\$ 8.30	14.89	0.07
Fertilizer, Broadcast Spreader	\$ 3.24	\$ 0.58	\$ 1.23	\$ 0.71	\$ 5.75	25.45	0.04
Do All, Seedbed Finisher	\$ 3.56	\$ 0.54	\$ 1.35	\$ 0.51	\$ 5.97	27.41	0.04
Planter	\$ 7.99	\$ 2.29	\$ 1.74	\$ 0.87	\$ 12.90	17.96	0.06
Planter Twin Row	\$ 12.44	\$ 3.91	\$ 2.06	\$ 0.87	\$ 19.28	17.96	0.06
Plant Grain Drill	\$ 14.21	\$ 4.30	\$ 2.64	\$ 1.07	\$ 22.22	14.00	0.07
Plant No-Till Air Drill	\$ 10.52	\$ 3.11	\$ 2.07	\$ 0.84	\$ 16.54	17.82	0.06
Liquid Fertilizer Applicator	\$ 3.27	\$ 0.51	\$ 1.23	\$ 0.60	\$ 5.61	29.94	0.03
Fertilizer, Knife Rig 12 Row	\$ 6.47	\$ 1.24	\$ 1.76	\$ 0.86	\$ 10.32	20.96	0.05
Polypipe; Roll Out, Punch, Take Up	\$ 5.01	\$ 0.30	\$ 1.40	\$ 2.10	\$ 8.82		
Hooded Sprayer	\$ 3.85	\$ 0.73	\$ 1.34	\$ 0.67	\$ 6.59	20.96	0.05
Levee Pull	\$ 0.78	\$ 0.09	\$ 0.36	\$ 0.18	\$ 1.40		
Levee Pull, Planter/Incorporate	\$ 0.92	\$ 0.11	\$ 0.39	\$ 0.19	\$ 1.61		
Levee Roller-Packer-Shaper	\$ 0.36	\$ 0.04	\$ 0.18	\$ 0.09	\$ 0.67		
Install Gates & Remove	\$ 1.01	\$ 0.11	\$ 0.53	\$ 0.80	\$ 2.45		
Take Down Levees	\$ 1.53	\$ 0.18	\$ 0.71	\$ 0.36	\$ 2.78		
Peanut Digger/Inverter	\$ 22.07	\$ 4.96	\$ 6.97	\$ 3.13	\$ 37.13	4.49	0.22
Peanut Conditioner	\$ 16.30	\$ 2.63	\$ 6.97	\$ 3.13	\$ 29.02	4.49	0.22
Peanut Conditioner & Lifter	\$ 15.78	\$ 2.43	\$ 6.97	\$ 3.13	\$ 28.32	4.49	0.22
Mower, Stalk Shredder	\$ 6.92	\$ 1.82	\$ 2.31	\$ 1.09	\$ 12.15	13.58	0.07
Stubble Roller	\$ 5.31	\$ 0.56	\$ 1.87	\$ 0.71	\$ 8.45	19.78	0.05

### Self-Propelled Pre-Harvest

Self-Propelled Sprayer	\$ 5.32	\$ 0.46	\$ 0.47	\$ 0.20	\$ 6.45	85.09	0.01
ATV with Spot, Levee Sprayer	\$ 0.69	\$ 0.08	\$ 0.10	\$ 0.18	\$ 1.06		
Dry Box Spreader	\$ 6.58	\$ 0.57	\$ 0.53	\$ 0.22	\$ 7.90	75.64	0.01

### Self-Propelled & Other Harvest

Cotton Picker	\$ 72.44	\$ 14.21	\$ 10.10	\$ 2.66	\$ 99.41	5.64	0.18
Boll Buggy with Tractor	\$ 14.83	\$ 2.26	\$ 5.55	\$ 2.66	\$ 25.30		

Module Builder with Tractor	\$ 15.45	\$ 2.43	\$ 5.55	\$ 7.97	<b>\$ 31.40</b>		
Cotton Picker: Module-Building	\$ 77.88	\$ 15.18	\$ 9.86	\$ 1.64	<b>\$ 104.56</b>	9.12	0.11
Module Handler with Tractor	\$ 1.98	\$ 0.05	\$ 0.22	\$ 0.10	<b>\$ 2.35</b>		
Combine	\$ 21.48	\$ 4.30	\$ 4.63	\$ 1.33	<b>\$ 31.74</b>	11.28	0.09
Corn Head	\$ 3.53	\$ 2.25	\$ -	\$ -	<b>\$ 5.78</b>		
Soybean Head	\$ 2.24	\$ 1.43	\$ -	\$ -	<b>\$ 3.67</b>		
Rice Head	\$ 7.24	\$ 4.63	\$ -	\$ -	<b>\$ 11.86</b>		
Wheat/Sorghum Head	\$ 1.91	\$ 1.22	\$ -	\$ -	<b>\$ 3.14</b>		
Grain Cart with Tractor	\$ 8.04	\$ 1.82	\$ 2.78	\$ 1.33	<b>\$ 13.96</b>		
Peanut Harvester, with Tractor	\$ 68.94	\$ 5.90	\$ 12.34	\$ 5.01	<b>\$ 92.18</b>	2.99	0.33
Peanut Dump Cart with Tractor	\$ 34.99	\$ 6.11	\$ 10.46	\$ 5.01	<b>\$ 56.57</b>		
Peanut Wagon, 28 ft., with Tractor	\$ 21.27	\$ 2.51	\$ 10.46	\$ 5.01	<b>\$ 39.25</b>		

Implement Common Unit Name, Description	Implement and Self-Propelled Detail			Power Unit Detail		
	New Unit Price, Current \$	Width in Feet	Ground Speed MPH	New Tractor Price, Current \$	No.Wheel Drive of Power Uni	HP Power Unit
Paratill	18,700	19.0	4.0	248,000	4	230
Subsoiler, 25 ft.	21,400	25.0	4.0	248,000	4	230
Subsoiler, 5 shank	14,300	12.0	4.0	248,000	4	230
Bedder, Rip/Disk	67,900	38.0	4.0	248,000	4	230
Bedder, Lister	40,400	38.0	4.0	248,000	4	230
Disk	68,700	32.0	5.5	248,000	4	230
Bedder, Hipper	51,400	38.0	4.5	248,000	4	230
Chisel Plow	54,500	32.0	5.0	248,000	4	230
Harrow	21,300	40.0	7.0	206,000	4	195
Roller	19,600	38.0	6.0	248,000	4	230
Bedder-Roller	36,700	38.0	5.0	248,000	4	230
Ditcher	6,480			164,000	4	175
Turbo Tiller	56,000	30.0	7.0	248,000	4	230
Rotary Harrow (ex. Phillips)	43,000	45.0	7.0	248,000	4	230
Field Cultivator	60,600	42.0	7.0	248,000	4	230
Row Crop Cultivator, Irrigation Middles	28,400	38.0	7.0	248,000	4	230
Sprayer, Tractor Mounted (ft)	13,200	60.0	12.0	164,000	4	175
Sprayer, Tractor Mounted (row)	17,900	38.0	12.0	164,000	4	175
Land Plane	11,100	17.0	8.5	206,000	4	195
Fertilizer, Broadcast Spreader	14,500	30.0	10.0	206,000	4	195
Do All, Seedbed Finisher	25,700	38.0	7.0	248,000	4	230
Planter	83,400	38.0	6.0	206,000	4	195
Planter Twin Row	150,000	38.0	6.0	248,000	4	230
Plant Grain Drill	126,000	30.0	5.5	248,000	4	230
Plant No-Till Air Drill	114,700	30.0	7.0	248,000	4	230
Liquid Fertilizer Applicator	19,500	38.0	10.0	248,000	4	230
Fertilizer, Knife Rig 12 Row	46,000	38.0	7.0	248,000	4	230
Polypipe; Roll Out, Punch, Take Up	8,100			164,000	4	175
Hooded Sprayer	25,100	38.0	7.0	164,000	4	175
Levee Pull	8,760			164,000	4	175
Levee Pull, Planter/Incorporate	12,000			164,000	4	175
Levee Roller-Packer-Shaper	6,190			164,000	4	175
Install Gates & Remove	3,860			164,000	4	175
Take Down Levees	8,270			164,000	4	175
Peanut Digger/Inverter	47,900	19.0	3.0	206,000	4	195
Peanut Conditioner	17,500	19.0	3.0	206,000	4	195
Peanut Conditioner & Lifter	14,800	19.0	3.0	206,000	4	195
Mower, Stalk Shredder	33,100	20.0	7.0	206,000	4	195
Stubble Roller	24,500	32.0	6.0	248,000	4	230

Self-Propelled Pre-Harvest						
Self-Propelled Sprayer	332,000	90.0	12.0			250
ATV with Spot, Levee Sprayer	25,100					
Dry Box Spreader	365,000	80.0	12.0			250

Self-Propelled and Other Harvest						
Cotton Picker	465,000	19.0	3.5			355
Boll Buggy with Tractor	30,500			206,000	4	195

Module Builder with Tractor	34,700			206,000	4	195
Cotton Picker: Module-Building	808,000	19.0	3.7			500
Module Handler with Tractor	13,750			206,000	4	195
Combine	413,700					325
Corn Head	67,900	38.0	3.5			
Soybean Head	43,800	30.0	4.5			
Rice Head	78,600	30.0	2.5			
Wheat/Sorghum Head	29,100	30.0	3.5			
Grain Cart with Tractor	58,400			206,000	4	195
Peanut Harvester, with Tractor	155,000	19.0	2.0	248,000	4	230
Peanut Dump Cart with Tractor	55,800			206,000	4	195
Peanut Wagon, 28 ft., with Tractor	6,500			206,000	4	195

