

Year	2018						
PPI	118.0		2017	2016	2015	2014	2013
Adj factor	100.0%	PPI	118.0	115.4	114.6	112.0	108.1
Diesel	\$2.55	Diesel	\$2.54	\$2.30	\$2.71	\$3.83	\$3.92

Use the highway diesel price

	OPERATION	State	West	Central	East
Tillage	Disk	12.00	12.00	11.00	13.00
	Offset disk	12.50	12.50	12.50	12.50
	Chisel 4-12 in	14.00	13.00	16.50	13.00
	Deep chisel (over 12in)	13.50	14.00	14.00	13.50
	Strip tillage	17.00	17.50	18.00	16.00
	Vertical tillage-high speed shallow	13.50	14.50	12.00	15.00
	Subsoiler/in-line ripper	18.00	16.00	18.00	20.00
	Spiketooth harrow	8.50	9.00	8.50	9.00
	Springtooth harrow	8.00	8.00	8.00	9.50
	Field cultivator	11.50	12.50	10.00	12.00
	V-blade	10.50	11.00	11.50	10.50
Fertilizer application	Row crop cultivation with fertilizer	9.00	14.00	9.00	8.50
	Dry fertilizer	5.50	5.50	5.50	6.00
	Liquid fertilizer	6.00	6.00	5.50	6.00
	NH3 application	15.00	15.00	14.00	15.50
	Ground herbicide	6.00	5.50	5.50	6.00
	Aerial herbicide	7.50	7.00	7.50	7.50
	Ground insecticide	6.00	5.50	5.50	6.00
	Aerial insecticide	7.50	7.50	7.50	8.00
	Wheat, reg-till planting	14.50	13.50	15.00	15.50

Planting	Milo, reg-till planting	17.00	17.50	16.50	15.50
	Corn, reg-till planting	17.00	17.00	17.00	17.00
	Soybeans, reg-till planting	16.50	19.00	17.00	14.50
	Grass seeding, reg-till	15.00	14.50	15.50	15.50
	Alfalfa seeding, reg-till	16.00	17.00	16.00	16.50
	Wheat, min-till planting	15.50	16.50	15.00	15.00
	Milo, minimum till	17.00	17.00	17.00	16.50
	Corn, minimum till	17.00	17.50	17.00	16.00
	Soybeans, minimum till	16.50	17.50	17.50	15.00
Harvesting	Wheat (base)	22.50	22.50	22.00	25.00
	Wheat (extra charge for high yield) - \$/bu	0.22	0.23	0.22	-
	Wheat (high yield threshold) - bu	21	21	21	-
	Milo (base)	23.50	24.00	23.00	25.00
	Milo (extra charge for high yield) - \$/bu	0.22	0.22	0.22	-
	Milo (high yield threshold) - bu	41	45	35	-
	Corn (base)	26.50	27.00	27.50	27.00
	Corn (extra charge for high yield) - \$/bu	0.23	0.23	-	-
	Corn (high yield threshold) - bu	80	76	-	-
	Soybeans (base)	26.50	27.50	29.00	28.00
	Soybeans (extra charge for high yield) - \$/bu	0.23	0.25	-	-
	Soybeans (high yield threshold) - bu	28	29	-	-
	Sunflower (base)	38.50	40.50	34.00	33.00
	Sunflower (extra charge for high yield)-\$/cwt	-	-	-	-
	Sunflower (high yield threshold) - cwt	-	-	-	-
	Silage (chop and haul) - \$/ton	9.00	9.00	9.50	9.50
Wheat - hauling - \$/bu	0.21	0.22	0.21	0.19	
Milo - hauling - \$/bu	0.21	0.22	0.21	0.22	

Hauling	Corn - hauling - \$/bu	0.18	0.17	0.18	0.18
	Soybeans - hauling - \$/bu	0.20	0.23	0.20	0.18
	Sunflower - hauling - \$/cwt	0.40	0.42	0.51	0.43
Hay	Rotary mow, \$/acre	12.50	11.00	9.50	16.50
	Rotary mow, \$/hour	78.50	62.00	65.00	83.50
	Hay-mow/swath, \$/acre	14.00	15.00	13.50	14.00
	Forage-mow/swath, \$/acre	15.50	15.50	17.00	13.50
	Swathing and condition, \$/acre	13.50	15.50	13.00	13.50
	Sideraking hay, \$/acre	4.50	4.50	4.50	4.50
	Small square with twine, \$/bale	0.97	0.97	0.92	0.97
	Small square with wire, \$/bale	0.98	0.89	1.00	0.84
	Round (< 1500 lbs) w/o net, \$/bale	12.00	13.00	12.50	12.00
	Round (< 1500 lbs) w/ net, \$/bale	12.00	12.00	12.50	12.00
	Round (> 1500 lbs) w/o net, \$/bale	14.00	15.50	13.00	13.00
	Round (> 1500 lbs) w/ net, \$/bale	14.00	13.50	14.00	13.00
	Square (approx 1 ton), \$/bale	14.50	14.50	14.00	14.00
	Hauling small squares, \$/bale	0.95	1.00	0.95	0.97
	Hauling large round, \$/bale	3.25	4.75	2.75	3.00
Hauling large round, \$/ton	12.00	10.00	12.00	11.50	
Entire operation (large round), \$/bale	24.00	23.00	24.00	24.50	

Note: This spreadsheet is based on a regression of custom rate surveys.

The most recent custom rate survey was completed in 2016.

Thus, the equations that estimate the current custom rates have been updated and are not directly comparable to the previous custom rate spreadsheet.

Note: There are a wide variation in the reported custom rates. This spreadsheet should only be used as a starting point when discussing custom rates.

Note: The PPI index is the Producers Price Index for farm machinery and is available from NASA QuickStats. This number represents an inflation index.