### PLANTING AND DRILLING

**Planting Corn, With Fertilizer:**
- Conventional-Till: 19.00 Acre, 18.70 Acre, 14.00-25.00 Acre, 18.80 Acre, 18.40 Acre
- Minimum-Till: 20.70 Acre, 19.30 Acre, 14.00-25.00 Acre, 19.60 Acre, 19.90 Acre
- No-Till: 22.70 Acre, 19.80 Acre, 15.00-25.00 Acre, 20.40 Acre, 20.50 Acre

**Planting Corn, Without Fertilizer:**
- Conventional-Till: 18.10 Acre, 17.70 Acre, 12.00-23.00 Acre, 17.80 Acre, 17.30 Acre
- Minimum-Till: 18.40 Acre, 18.60 Acre, 14.00-22.00 Acre, 18.60 Acre, 18.60 Acre
- No-Till: 21.10 Acre, 19.10 Acre, 15.00-23.00 Acre, 19.30 Acre, 19.10 Acre

**Planting Soybeans, Without Fertilizer:**
- Conventional-Till: 18.20 Acre, 18.00 Acre, 12.00-22.00 Acre, 18.10 Acre, 17.30 Acre
- Minimum-Till: 19.30 Acre, 18.40 Acre, 15.00-22.00 Acre, 18.60 Acre, 18.10 Acre
- No-Till: 21.50 Acre, 18.60 Acre, 15.00-24.00 Acre, 19.00 Acre, 19.10 Acre

**Drilling Small Grain, Without Fertilizer**
- Conventional-Till: 16.70 Acre, 16.80 Acre, 10.00-20.00 Acre, 16.70 Acre, 16.20 Acre
- Minimum-Till: 19.50 Acre, 17.40 Acre, 12.50-22.00 Acre, 17.70 Acre, 17.50 Acre
- No-Till: 19.80 Acre, 17.60 Acre, 12.00-22.00 Acre, 17.90 Acre, 18.00 Acre
- Seedling Alfalfa, Clover, Etc.: 17.60 Acre, 17.30 Acre, 10.00-25.00 Acre, 17.40 Acre, 17.40 Acre
- Broadcast Seedling (On Grain Fields): 12.10 Acre, 11.70 Acre, 8.00-16.50 Acre, 11.80 Acre, 11.20 Acre

**Cleaning Grain Seed:**
- With Treatment: 1.10 Bu., 1.20 Bu., 0.50-1.75 Bu., 1.15 Bu., 1.50 Bu.
- Without Treatment: 0.82 Bu., 0.85 Bu., 0.45-1.05 Bu., 0.84 Bu., 0.92 Bu.

### SPRAYING

**Ground Equipment:**
- Spraying for Weed Control Excl. Material: 11.70 Acre, 10.40 Acre, 7.50-15.00 Acre, 10.70 Acre, 10.40 Acre
- Spraying for Corn Borer: 12.90 Acre, 10.90 Acre, 8.00-18.00 Acre, 11.40 Acre, 10.10 Acre
- Spraying for Spittle Bug or Alfalfa Weevil: 12.60 Acre, 9.85 Acre, 7.00-15.00 Acre, 10.40 Acre, 9.90 Acre

### MISCELLANEOUS

**Grain Hauling:**
- Local: 0.24 Bu., 0.19 Bu., 0.12-0.25 Bu., 0.20 Bu., 0.20 Bu.
- Long Distance: 0.43 Bu., 0.31 Bu., 0.20-0.50 Bu., 0.33 Bu., 0.35 Bu.
- Local: 2.70 Mile, 2.15 Mile, 1.50-3.50 Mile, 2.30 Mile, 2.15 Mile
- Long Distance: 2.45 Mile, 2.25 Mile, 1.40-3.50 Mile, 2.30 Mile, 2.10 Mile
- Grain Storage: 0.05 Bu./Month, 0.05 Bu./Month, 0.03-0.08 Bu./Month, 0.05 Bu./Month, 0.05 Bu./Month
- Stalk Shredding, P.T.O.: 16.90 Acre, 14.20 Acre, 8.00-20.00 Acre, 14.70 Acre, 14.30 Acre
- Bushhoopin: 26.20 Acre, 26.40 Acre, 12.00-45.00 Acre, 26.40 Acre, 24.20 Acre

**Spreading Bulk Fertilizer:**
- Dry: 10.50 Acre, 10.30 Acre, 6.75-15.00 Acre, 10.40 Acre, 9.85 Acre
- Liquid: 11.20 Acre, 10.00 Acre, 8.00-15.00 Acre, 10.40 Acre, 10.60 Acre
- Side Dressing: 13.50 Acre, 10.20 Acre, 8.00-15.00 Acre, 10.90 Acre, 10.40 Acre
- Lime: 12.00 Acre, 12.40 Acre, 6.00-20.00 Acre, 12.20 Acre, 12.20 Acre

**Grinding Feed:**
- Corn, Oats or Barley: 0.97 Cwt., 0.91 Cwt., 0.45-1.25 Cwt., 0.93 Cwt., 0.95 Cwt.
- Corn & Cobs: 0.78 Cwt., 0.94 Cwt., 0.40-1.25 Cwt., 0.87 Cwt., 0.97 Cwt.
- Cobs: 0.81 Cwt., 0.82 Cwt., 0.25-1.00 Cwt., 0.82 Cwt., 0.88 Cwt.
- Additional Charge for Mixing: 0.42 Cwt., 0.67 Cwt., 0.10-1.00 Cwt., 0.58 Cwt., 0.53 Cwt.
- Machine Tillage (No Till): 0.82 Foot, 1.30 Foot, 0.45-2.00 Foot, 1.05 Foot, 1.00 Foot
- Back Hoe: 54.50 Hour, 63.40 Hour, 35.00-85.00 Hour, 59.90 Hour, 57.80 Hour
- Sawing Wood, Chain Saw: 24.00 Hour, 24.20 Hour, 10.00-40.00 Hour, 24.10 Hour, 25.90 Hour
- Post Hole Diaoing: 3.90 Hole, 3.95 Hole, 1.50-7.00 Hole, 3.95 Hole, 3.75 Hole
- Manure Loading, Solid: 40.00 Hour, 48.50 Hour, 25.00-65.00 Hour, 46.60 Hour, 45.00 Hour
- Manure Spreading, Solid: 37.70 Hour, 56.60 Hour, 25.00-80.00 Hour, 52.90 Hour, 54.50 Hour
- Manure Pumping: 38.20 Hour, 30.30 Hour, 10.00-65.00 Hour, 31.80 Hour, 32.00 Hour
- Manure Spreading, Liquid: 67.80 Hour, 85.10 Hour, 65.00-100.00 Hour, 83.40 Hour, 79.90 Hour
- Bulldozing: 71.90 Hour, 85.90 Hour, 50.00-100.00 Hour, 79.80 Hour, 77.30 Hour
- Average Size: 80.20 HP, 107.00 HP, 60.00-130.00 HP, 94.90 HP, 116.00 HP

**Tractor Rental Rates:**
- Less than 80 HP: 36.90 Hour, 29.90 Hour, 10.00-65.00 Hour, 31.40 Hour, 27.80 Hour
- 80 to 120 HP: 45.90 Hour, 31.50 Hour, 15.00-57.00 Hour, 33.80 Hour, 35.40 Hour
- 120 to 160 HP: 59.90 Hour, 38.80 Hour, 20.00-60.00 Hour, 41.70 Hour, 41.70 Hour
- Greater than 160 HP: 64.80 Hour, 46.10 Hour, 25.00-75.00 Hour, 49.50 Hour, 51.60 Hour

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1 The range represents the middle 80 percent of all reported values for each job, thus the lowest 10 percent and the highest 10 percent of all reported values were excluded.