

COULTER "N" FORCER

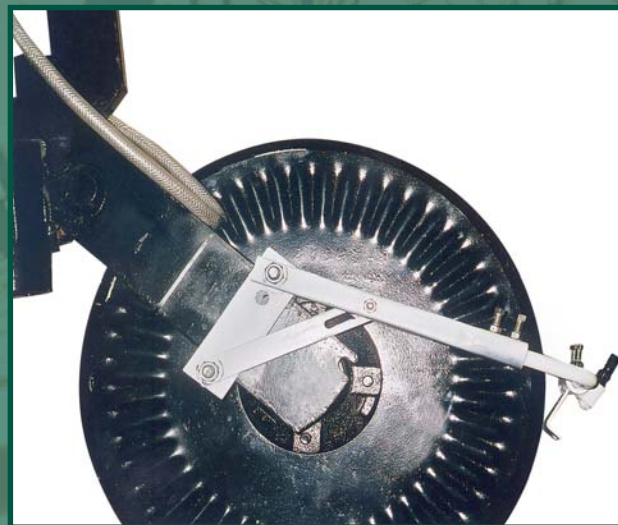
A Fertilizer System That Performs The Way You Want

The COULTER "N" FORCER Has These Advantages

- Low Cost
- High Speed
- Accurate
- Low Power
- Adjustable Depth
- Most Any Spacing
- Excels In Trash
- Minimum Cover Disturbance

NEW

Shielded Design



When used with a fluted coulters and applied under pressure, your fertilizer can be placed to the depth set by the coulters blade. Trash and ground conditions create little problem for the "N" FORCER. Tests have shown that the placement of the fertilizer is precise. Loss of fertilizer and soil moisture due to evaporation is minimal. Ideal for use in standing alfalfa, ridge till and no till crops. The "N" FORCER will attach to most brands of coulters.



2120 East 4th Avenue • Holdrege, Nebraska 68949 • 800-382-6178 • 308-995-4446 • Fax 308-995-4315
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PLANTER FERTILIZER Attachments



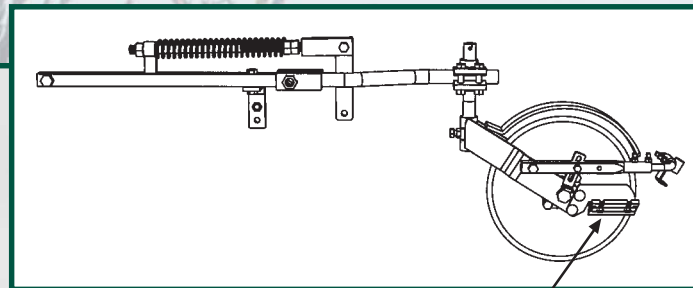
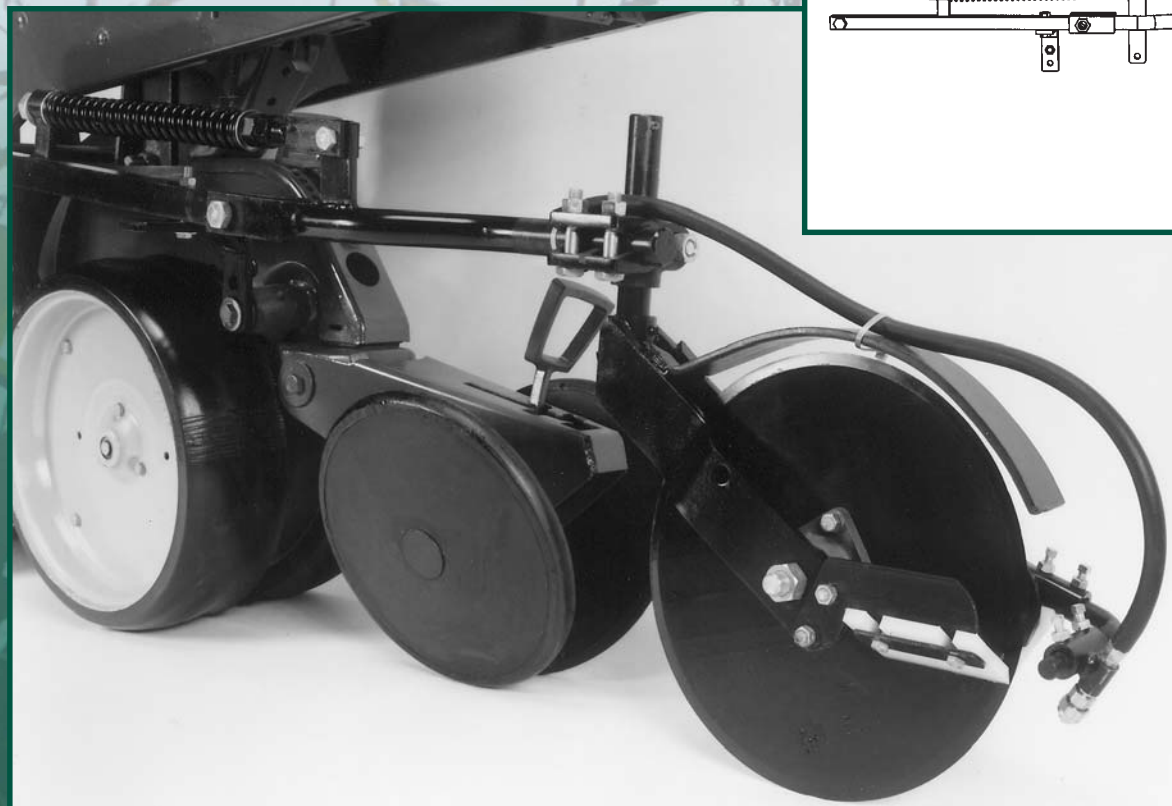
Dedicated To Making The World's Best Farmers Better

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PLANTER "N" FORCER

The PLANTER "N" FORCER Has These Advantages

- **Accurately places liquid fertilizer at a depth of 0 to 5 inches**
- **Excellent for any type of tillage systems, No-Till, Ridge-Till or Conventional**
- **Adjustable for depth and side placement**
- **Castering action allows the "N" FORCER to follow planter**
- **Spring action prevents planter from lifting**
- **Mounts to John Deere, Kinze, White, Case IH and Monosem**
- **Easily mounted to either right or left hand side of units**
- **Unaffected by trash**



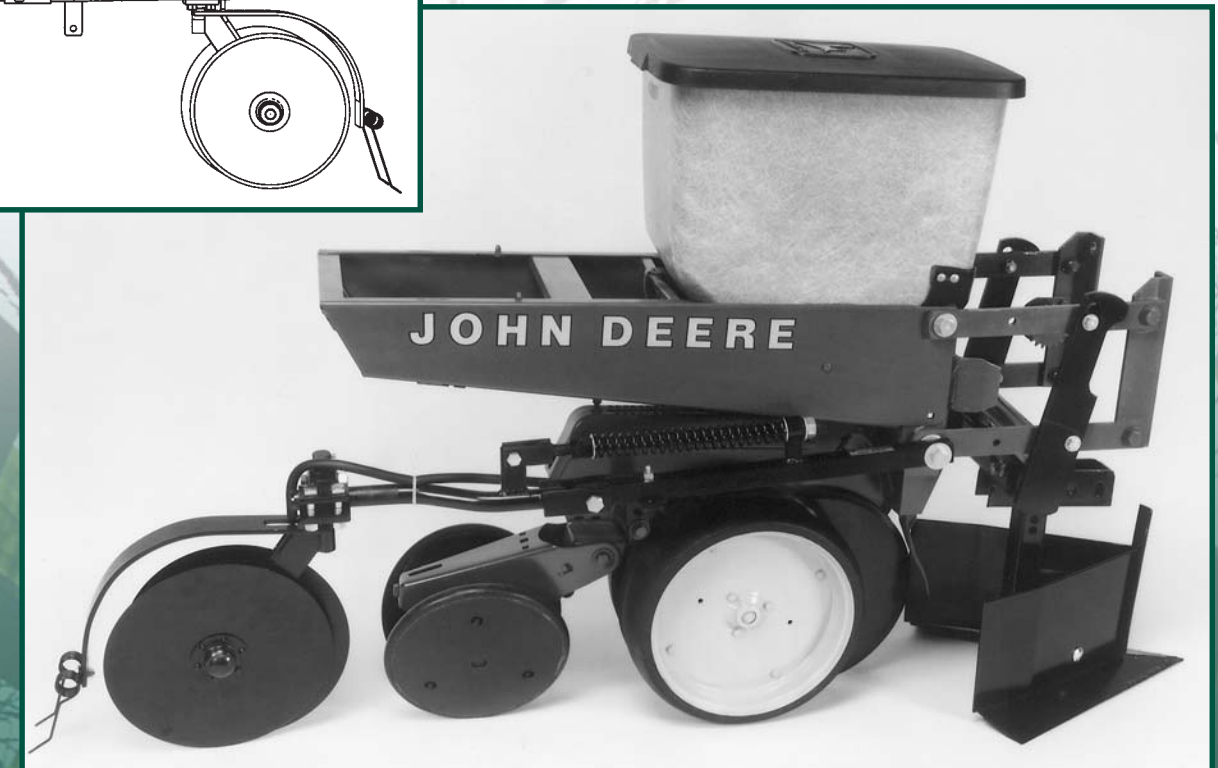
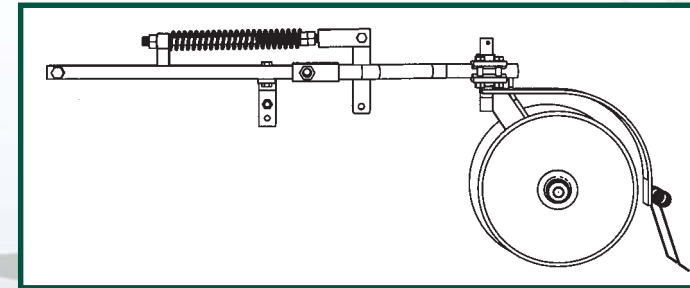
SHOWN WITH
OPTIONAL SCRAPER

When the Hawkins PLANTER "N" FORCER is used with a pump capable of 20 lbs or more of pressure your fertilizer can be placed accurately to the depth set by the single 14 inch double bevel blade. The PLANTER "N" FORCER is equipped with a down stop so if you hit soft ground it will not plunge no matter how much pressure is set on the adjustable spring relief. Terraced ground creates no problems with the Castering action of the PLANTER "N" FORCER. Tests have shown that the precise placement of liquid fertilizer will dramatically increase yield.

TRAIL PLACE

A Positive Low Pressure Fertilizer Placement Tool For Planter

The Hawkins TRAIL PLACE is the most cost effective way to accurately place liquid fertilizer with your planter. The unit cuts into the ground using twin 14 inch blades, with one blade leading, and the second blade to move the soil to the side. The leading blade runs parallel to the seed bed to cut and hold it while the second moves the soil. The stainless steel tube runs down between the blades and places the fertilizer in the bottom of the groove. A set of tine springs will then close the groove to prevent fertilizer and moisture loss.



- **Accurately places liquid fertilizer at a depth of 0 to 3 inches**
- **Adjustable for depth and side placement**
- **Available in right and left side units to eliminate side draft**
- **Can use most types of fertilizer pumps**
- **Stainless steel tube allows use of all liquid fertilizers**
- **Spring action will not hold planter out of ground**
- **Mounts to John Deere, Kinze, White, Case IH and Monosem**
- **Dry fertilizer model available**