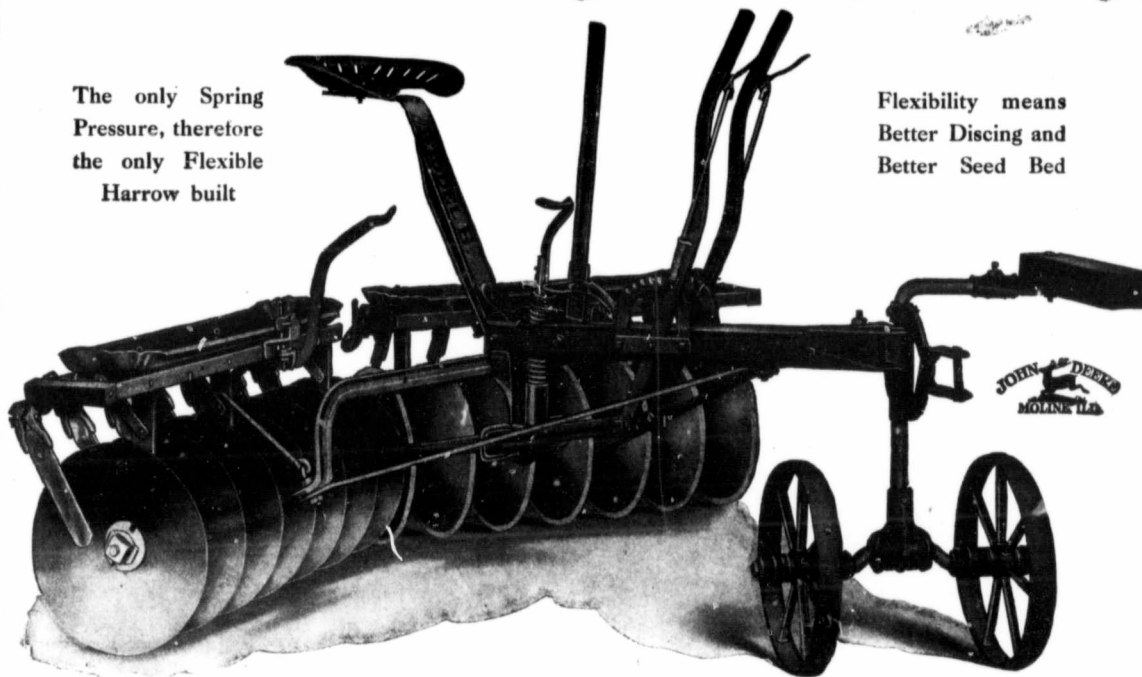


JOHN DEERE IMPLEMENTS

The only Spring
Pressure, therefore
the only Flexible
Harrow built

Flexibility means
Better Discing and
Better Seed Bed



Discing Before Plowing

Something New in Farm Practice

NOTWITHSTANDING the fact that the disc harrow trade has been growing rapidly, the disc harrow is not being put to as many uses as it should be.

Careful study of the following will show that there are enough profitable ways to use this implement, which are not now being practiced, to double the disc harrow trade.

Many practical experiments, and a good deal of scientific study, just recently, has proven the advisability, and in fact, the absolute necessity, from an economic standpoint, of properly preparing the soil before plowing.

Nature stores moisture, in the subsoil, which is brought up to feed the plants by capillary attraction. Capillarity is only perfect when the soil is well pulverized and compact—that is, the land must be free from lumps and pulverized so that there will be no large air spaces to retard

the process of bringing the moisture from the subsoil to the seed bed proper.

Stubble, heavy layers of manure, corn stalks or rubbish turned under by the plow, is a hindrance and the capillary water stops at the break made at the bottom of the furrow, consequently the plants suffer because they must depend entirely on the water in the seed bed proper—they cannot get the moisture from the lower subsoil.

This condition is obviated by discing before plowing. The disc not only pulverizes the ground, thereby making a compact contact between the furrow slice and the bottom of the furrow, but all vegetation, manure and trash that was on the surface, is cut up and thoroughly worked into the seed bed.

During seasons of scant rainfall, discing immediately after cutting the grain forms a dust or fine mulch on the top of the land.

It will then absorb water, as well as prevent the escaping of what moisture there is already in the soil.

After grain is cut, the ground is exposed to the direct rays of the sun. This dries the surface, draws out what moisture there may be in the subsoil and leaves the ground hard and dry.

Discing puts the ground in condition for the rapid absorption when rain falls, or the snow melts, thereby preventing washing of the soil.

An intelligent and systematic use of the disc harrow, year after year will greatly increase crop yields. This statement has been verified time after time by the most careful experiments.

Further, in all that has been designed in Disc Harrows, there is nothing that fills the bill so completely for strength, durability and quality of work as the "Deere Model B."

Deere Model B Disc Harrow

The World's Best—The Most Extensively Sold Disc Harrow Made

The exclusive spring pressure on the Deere Model B Disc Harrow insures more even penetrating power and more thorough cultivation. The operator keeps the discs cutting an even depth. The one-piece High Arch Frame and the Solid Steel Gang Frames afford great clearance and extra strength. Deere Disc Blades are of the highest quality of steel and are carefully polished and sharpened. Flexible Spring Steel Scrapers, securely clamped in proper alignment, keep the discs clean without undue pressure. The lock-off device releases the scrapers when they are not needed, reducing the draft. This Model B is easily adapted to a three-horse hitch or a tongue truck.

JOHN DEERE PLOW COMPANY, LIMITED

WINNIPEG REGINA CALGARY SASKATOON EDMONTON LETHBRIDGE