

MCCORMICK-DEERING TILLAGE TOOLS

TILLAGE TOOLS



BACKED BY
EXPERIENCE



**"Good equipment makes
a good farmer better"**

McCORMICK-DEERING LINE

**Grain Harvesting
Machines**
Binders
Tractor Binders
Push-Binders
Headers
Harvester-Threshers
Windrow Harvesters
Reapers
Threshers
Rice Binders
Rice Threshers

Haying Machines
Mowers
Rakes
Tedders
Side Rakes and Tedders
Loaders, all types
Sweep Rakes
Stackers
Baling Presses
Alfalfa Threshers
Clover Threshers

Tillage Implements
Tractor Plows
Riding Plows
Walking Plows
Disk Harrows
Tractor Harrows
Orchard Harrows
Harrow-Plows
Spring-Tooth Harrows
Peg-Tooth Harrows
Field Cultivators
Rod Weeder
Rotary Hoes
Cultivators, row-crop
Soil Pulverizers
Land Packers
Plow Packers
Cotton Choppers

Beet Tools
Seeders
Cultivators
Pullers

Corn Machines
Planters
Listers
Drills
Cultivators
Lister Cultivators
Binders
Ensilage Cutters
Ensilage Harvesters
Ensilage Blowers
Pickers
Huskers and Shredders
Shellers

**Planting and Seeding
Machines**
Corn Planters and Drills
Cotton Planters
Potato Planters
Grain Drills
Broadcast Seeders
Alfalfa and Grass Drills

Power Machines
Kerosene Engines
Gasoline Engines
Farm Tractors
Industrial Tractors
Power Units
Motor Trucks

**Other Farm
Equipment**
Cream Separators
Milkers
Potato Diggers
Feed Grinders
Hammer Mills
Cane Mills
Farm Wagons & Trucks
Manure Spreaders
Lime Spreaders
Fertilizer Distributors
Crop Dusters
Stalk Cutters
Knife Grinders
Tractor Hitches
Binder Twine

**Write for Catalog on any of these
machines in which you are interested**



Permanence

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INTERNATIONAL HARVESTER COMPANY

606 SO. MICHIGAN AVE.

OF AMERICA
INCORPORATED

CHICAGO, ILL.

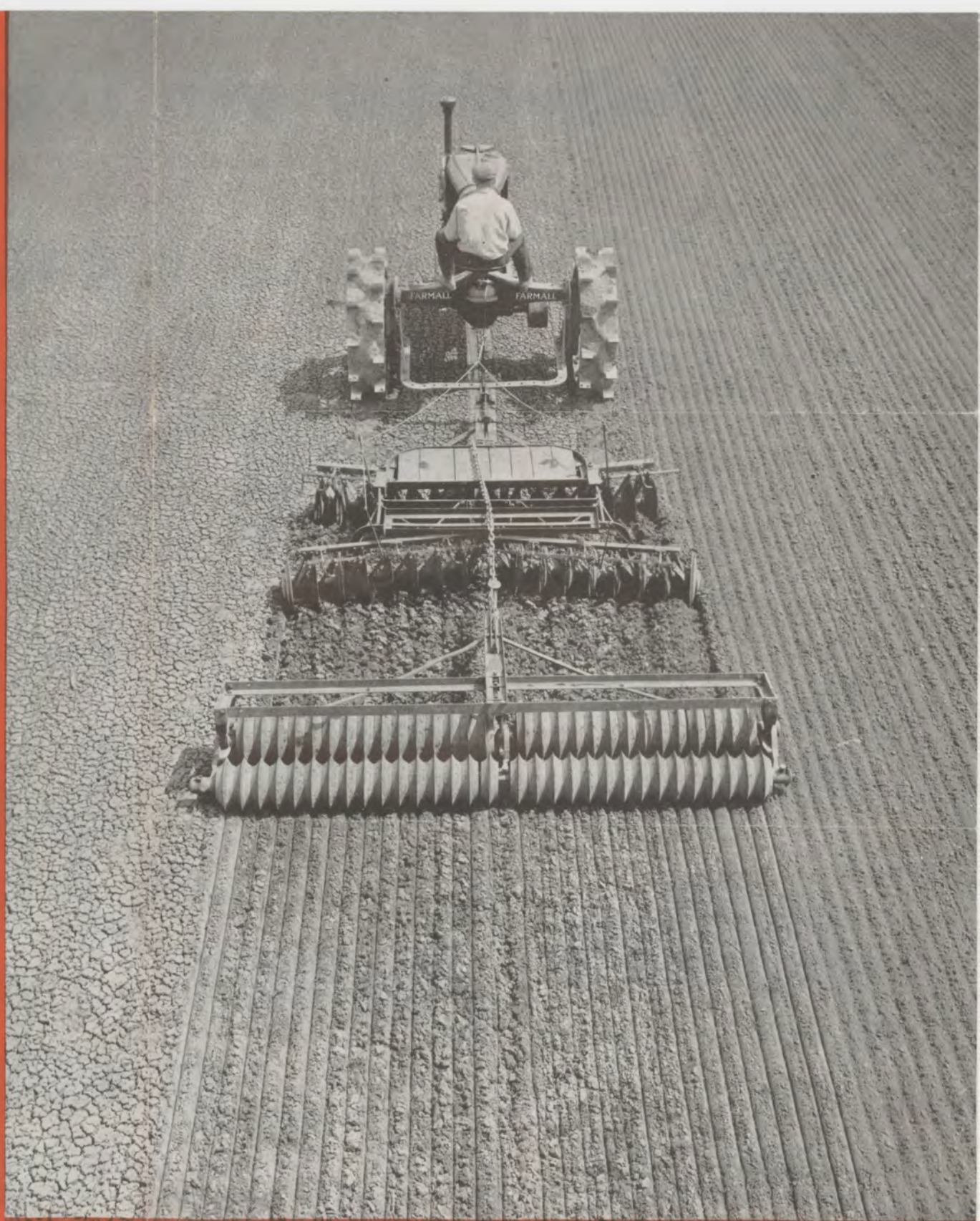
GOOD TILLAGE

is a Good Foundation for

GOOD CROPS

THE chances of a good harvest are in favor of the man who starts the crop year with a good seed bed, free of clods from top to bottom and loose enough to enable the young, tender roots to spread freely through the soil and get the nourishment and moisture they need. The seed bed also must be compact enough to permit the subsurface moisture, by capillary attraction, to reach up to the roots. In the case of most soils it also is advisable to have an inch or two of loose soil on top of the seed bed to prevent the escape of subsurface moisture by evaporation.

Good farmers know the value of this kind of seed bed, and that is a big reason why so many of them use McCormick-Deering Tillage Tools—for up-to-date McCormick-Deering tools make it easy to do a good tillage job. Whatever the particular requirements of your soil may be, you will find the right machines in the McCormick-Deering Tillage Line to meet your needs.



Illust. 1. The McCormick-Deering double-gang soil pulverizer does two important things—it makes the seed bed compact from top to bottom and it also breaks up crust and leaves the top soil loose enough to prevent subsurface moisture from escaping by evaporation. Because of the light draft it can be pulled easily in tandem behind another tool.



Illust. 2. Low, overhanging branches are not damaged when this McCormick-Deering adjustable-width orchard disk harrow with sheet-metal shields is used. The McCormick-Deering tillage line includes a wide variety of tools for use with horse or tractor power.



Illust. 3. McCormick-Deering field cultivators, originally used only in summer-fallow regions, now are becoming popular elsewhere for doing a quick, thorough job of removing quack grass, Johnson grass, and similar weed pests. Three times over with a field cultivator usually costs no more than once over with a plow.

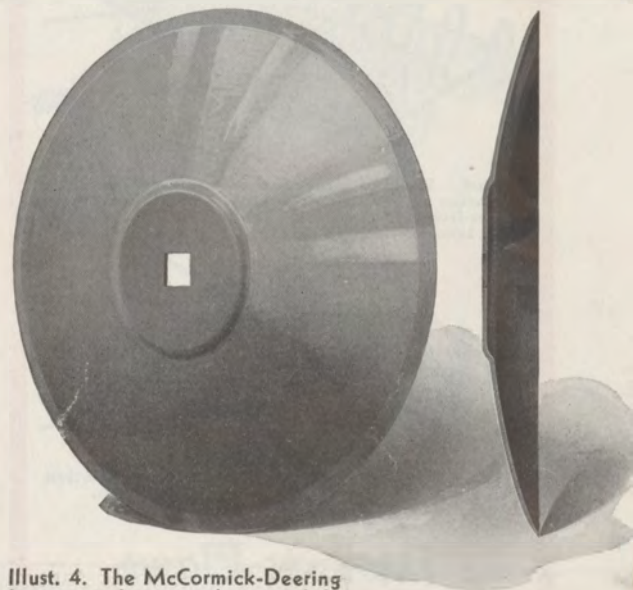
An Example of McCormick-Deering Tillage Tool Quality

A SURE WAY to tell the difference between an ordinary disk harrow and an up-to-date McCormick-Deering disk harrow is to look at the center of the disks. If you see a crimp in the center like the crimp in the center of the disk shown here, you can be sure it is a McCormick-Deering harrow, for only McCormick-Deering disks have this crimp. It is there for two important reasons: First, it serves as a strong reinforcement for the disk at the center, where—as in a wheel—there is the greatest strain. It acts as a shock absorber and breaks up strains that would crack or damage the ordinary disk. Second, being flat, the crimp makes it possible to use spacing spools (between the disks) that have flat ends that are carefully ground. This careful grinding makes an extremely close fit between the spacing spools and the disks, preventing the looseness and consequent breakage so often encountered in ordinary disk harrows after a few seasons of use.

In addition, McCormick-Deering disks are made of heavier gauge steel than most harrow disks and are heat treated to hold an unusually good cutting edge. You can hurl one of these disks to a concrete floor without damaging its edge. You can bend it clear out of shape in a vise and it will spring back to its normal shape. You can hit it with a sledge—and be surprised at how hard it is to dent.

In many other McCormick-Deering tillage tools you will find similar quality features that put McCormick-Deering tools in a class by themselves, not only in the quality of the work they do but in their economical operation and the length of their useful life. McCormick-Deering tillage tools are sturdily built and able to do hard work with a minimum amount of time lost for adjustments. A century of farm machine experience has gone into their design. McCormick-Deering tillage tool factories today comprise an engineering skill and manufacturing experience unequalled in tillage tool history. The result has been a succession of improvements recently that are entirely new to the man who has not purchased new McCormick-Deering tillage tools in recent years.

Study the tillage tools shown on the other side of this folder. Special catalogs describing them may be obtained on request. Complete details are available from McCormick-Deering dealers. See the dealer nearest you. You will find him ready to give you reliable information about the tillage tools suited to your requirements.



Illust. 4. The McCormick-Deering heat-treated, crimped-center disk.

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Get Acquainted with These McCORMICK-DEERING TILLAGE TOOLS —You Will Find it Time Well Spent

FURTHER INFORMATION ABOUT ANY OF THESE GOOD TILLAGE TOOLS CAN BE OBTAINED BY MAIL OR FROM THE McCORMICK-DEERING DEALER NEAR YOU —ASK ABOUT THEM.

Peg-Tooth Harrows



Illust. 5. McCormick-Deering open end peg-tooth harrow. These harrows can be supplied in 1 to 4 section, with 25, 30, or 35 teeth to the section.

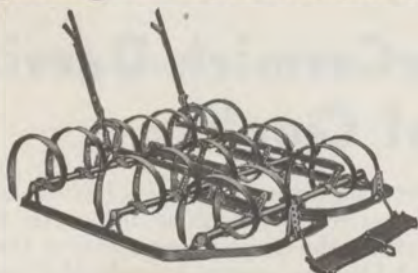


Illust. 6. McCormick-Deering closed end peg-tooth harrow. It is supplied in 1 to 4-section sizes, with 25, 30, or 35 teeth to the section.



Illust. 7. A McCormick-Deering wood-bar lever harrow section. Wood-bar harrows have ample weight to assure good work in cloddy ground. One to 4-section sizes, with 41 teeth to the section.

Spring-Tooth Harrows



Illust. 8. McCormick-Deering 2-section, 17-tooth spring-tooth harrow with pipe bars. Channel steel bars also are available, as well as a variety of teeth to meet special conditions. Sizes from 2½ to 15 feet. Special quack grass harrows also are available.

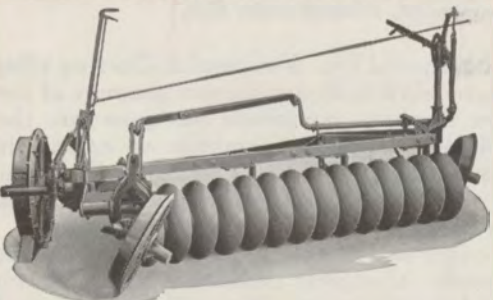


Illust. 9. McCormick-Deering 2-section, self-clearing tractor spring-tooth harrow available in sizes from 4½ to 16½ feet. The position of the teeth is controlled by a rope from the tractor seat.



Illust. 10. The McCormick-Deering combination harrow does a good job of pulverization.

Harrow Plows

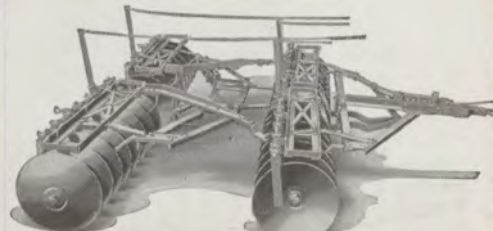


Illust. 11. The McCormick-Deering harrow-plow is supplied in 4, 5, 6, 8, and 9-foot sizes and is equipped with 20-inch deep-cut disks. The harrow-plow is a great weed killer and mulcher and therefore is a splendid implement for summer-fallow. Used immediately after harvest, it leaves the wheat stubble projecting from the soil, which greatly adds to the wind resistance of the soil.

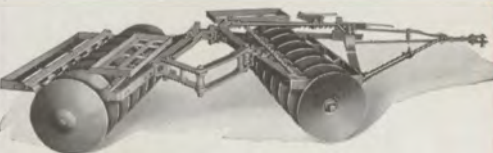
Disk Harrows



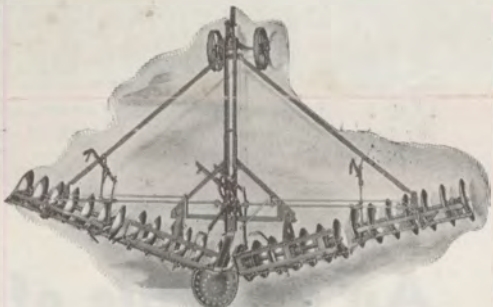
Illust. 12. McCormick-Deering No. 5 tractor disk harrow especially suited to light soils. Available in 5, 6, 7, and 8-foot sizes. Disks 16 or 18 inches in diameter are available.



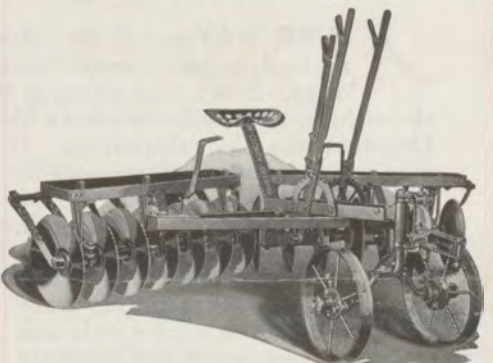
Illust. 13. The McCormick-Deering No. 9-A tractor disk harrow that has set new standards of long life, quick angling and accurate trailing—furnished in 5 to 10-foot sizes. The 9-B disk harrow has wide, 9-inch spacing between the disks. Similar disk harrows also are available with the weight boxes set below the level of the disks to facilitate close work under the trees in orchards.



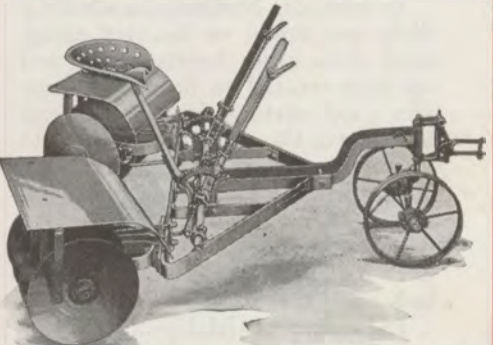
Illust. 14. McCormick-Deering No. 8-B offset tractor disk harrow. This harrow makes possible extremely close work in orchards and vineyards. It may be drawn directly behind the tractor or placed offset to either side and does a good job of disk even while turning. It may be turned easily either to the right or left. 5½ to 10½-foot sizes.



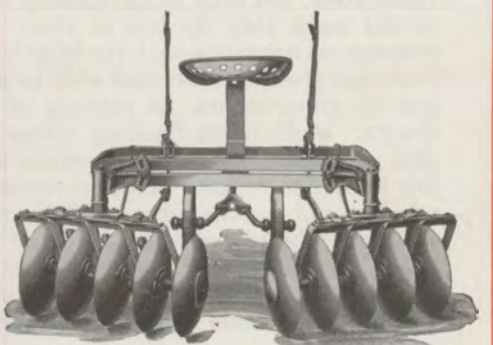
Illust. 15. McCormick-Deering wide-type tractor disk harrow. It is built in 12, 14 and 21-foot sizes and will disk from 35 to 70 acres a day.



Illust. 16. McCormick-Deering bumper disk harrow with forecarriage and third lever attachment. Furnished in 4 to 10-foot sizes. Tandem attachments are available for all sizes.



Illust. 17. McCormick-Deering orchard disk harrow. It is built in 4 and 5-foot sizes. An extension frame can be supplied on special order—it adds 49 inches to the over-all length.



Illust. 18. McCormick-Deering reversible disk harrow. The disks can be set for in- or out-throw, which adapts this harrow to crop cultivation. It is available in 3, 4 and 5-foot sizes.

Field Cultivators

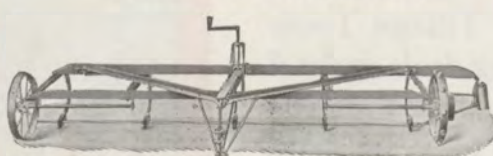


Illust. 19. McCormick-Deering field cultivators continue to grow in popularity for summer-fallow work and for weed eradication. Equipped with spring teeth, as shown here, they do a good job in quack and Johnson grass, cultivating many acres a day. Supplied in 6, 7½, 9, and 12-foot sizes. Wide variety of shovels available.



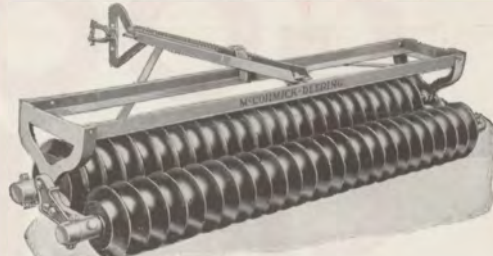
Illust. 20. McCormick-Deering stiff-tooth field cultivator equipped with power lift and depth regulator. This combination brings the gangs amply high above the ground for transporting, regardless of the depth of penetration set by the regulator.

Rod Weeders



Illust. 21. McCormick-Deering rod weeder with tractor hitch and screw depth regulator. The rod slowly revolves, clearing itself of the weeds it pulls. This implement enjoys extensive sale in sections where summer-fallow is practiced and where quack-grass is a problem. 9, 12 and 18-foot sizes.

Soil Pulverizers



Illust. 22. McCormick-Deering double-gang soil pulverizer is supplied in a wide range of sizes for tractor or horse draft. It puts a real finish on a seed bed, crushing the clods and compacting the soil throughout the depth of the seed bed. The corrugations leave a nicely pulverized mulch on top. It is a handy tool to use behind a disk harrow.

Rotary Hoes



Illust. 23. McCormick-Deering 2-row rotary hoe. By getting young weeds before they come up, it usually saves one or more cultivations. It can be used on the seed bed any time after plowing and until the crop is 8 inches high. It also is the ideal soybean cultivator. Supplied in a variety of sizes for horse and tractor use.

Land Packers



Illust. 24. McCormick-Deering land packer, a valuable implement for conserving moisture, breaking up clods and reducing soil drifting. Furnished in 9, 15, 17 and 19-foot sizes. One of the outside sections often is attached behind a plow to pack the soil while it is still fresh.

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