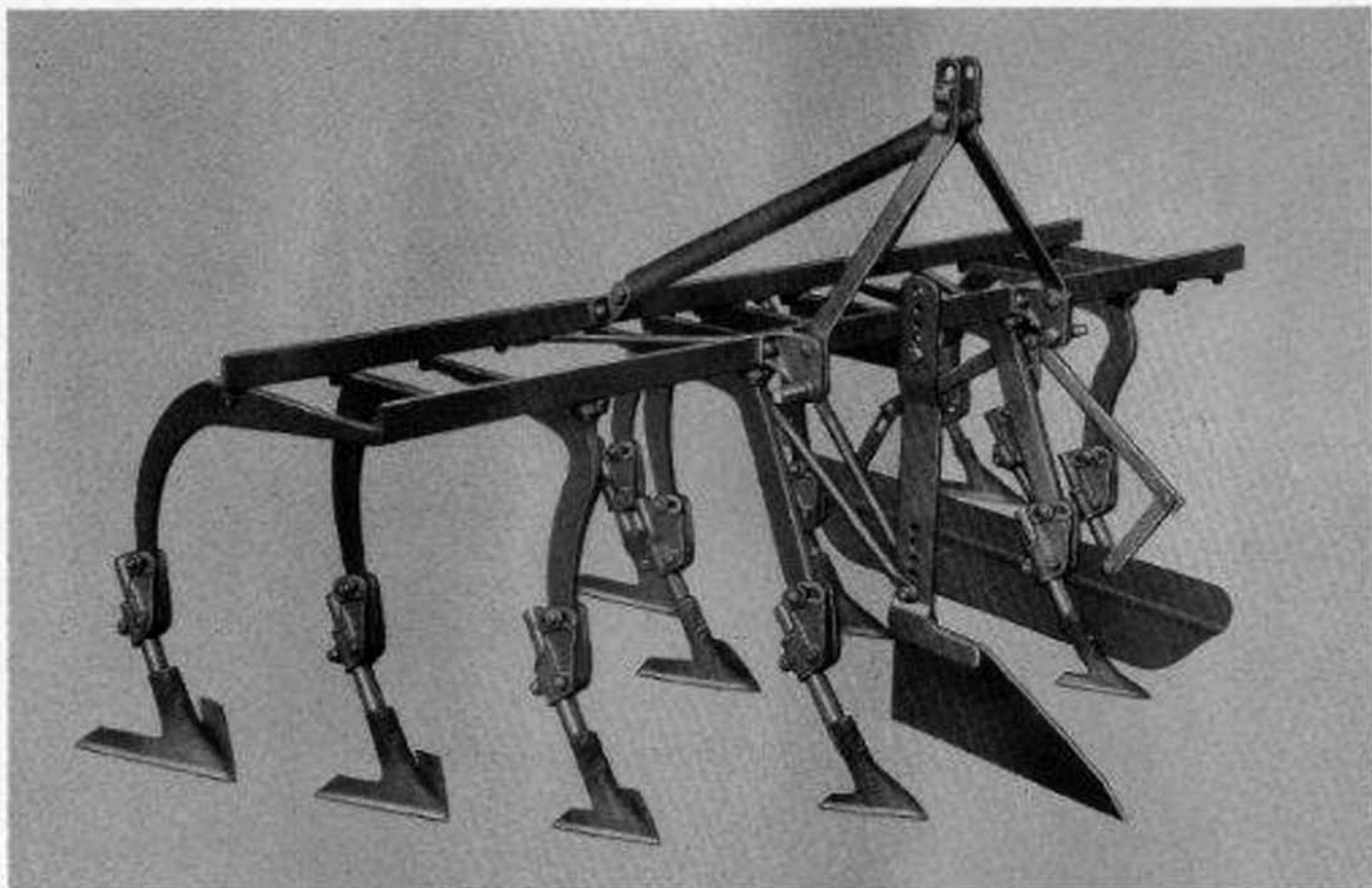




**NEW FERGUSON IMPLEMENTS
FOR THE FORD TRACTOR
WITH FERGUSON SYSTEM**

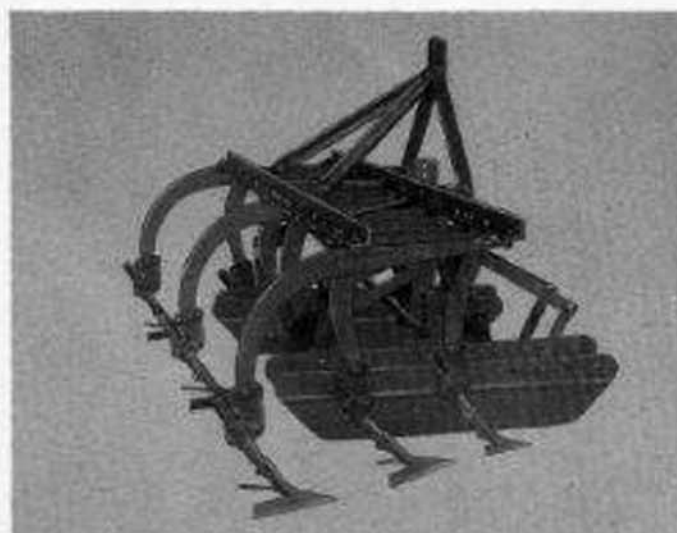


IMPROVED ROW-CROP CULTIVATOR

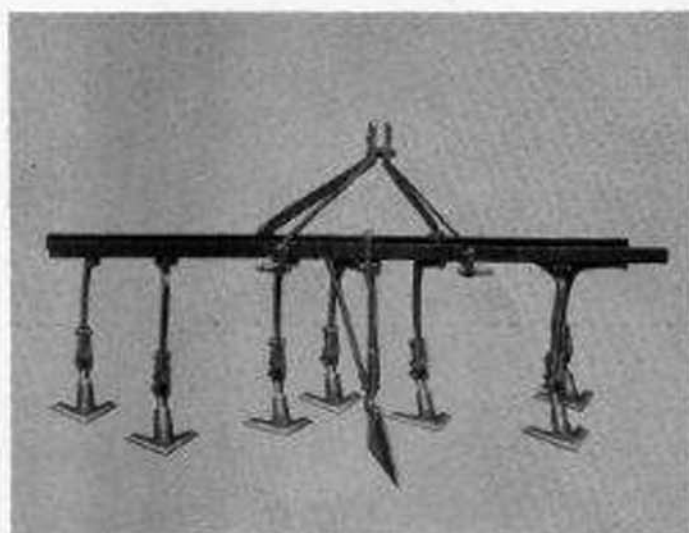


New improved cultivator for corn, cotton and other row crops. Note the new line arrangement giving ample clearance under all conditions. Fenders have been removed on one side to show the sweeps have

vertical and lateral adjustment to suit all conditions. The angle bars, tines, V-struts and brackets are now made of alloy steel, giving enormous strength to meet conditions where obstructions are encountered.



Side view showing attachment of flexible and widely adjustable fenders.



The same cultivator adjusted for the cotton crop.

FERGUSON TILLER



The new, wide 7-foot Ferguson Tiller in orchard cultivation. Note how close to the trees it is possible to operate. There is no danger of damaging the roots because the tines are held down by springs, which yield when the root is encountered.

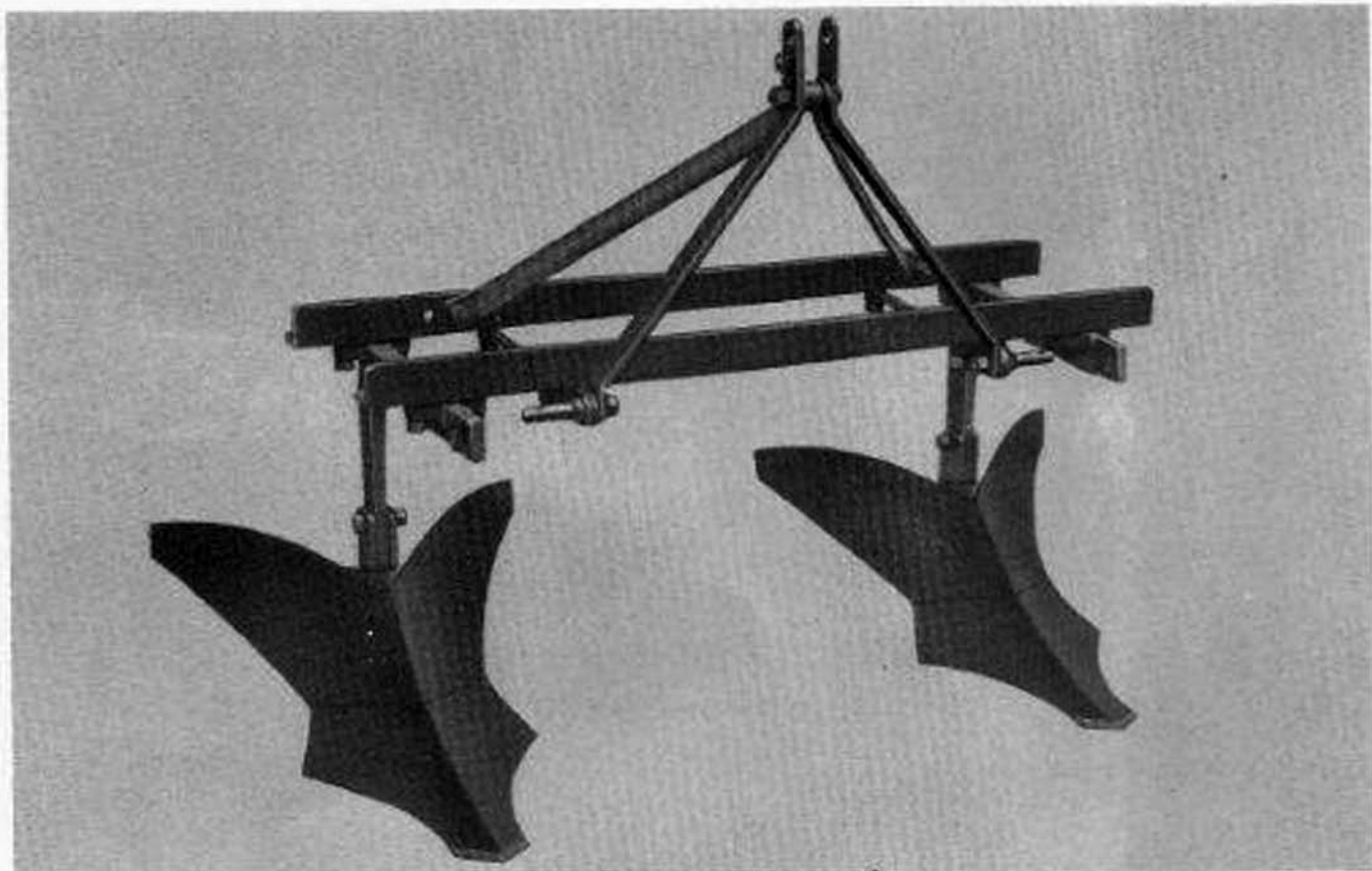
Sometimes it is desirable to make the tines next to the tree run shallow while the opposite tines should operate at the normal depth. The tiller can be adjusted to do this in a moment by the finger-tip-control leveling lever "A."



Illustrating how it is possible to circle around a tree with either the Ferguson Tiller or spring-tine cultivator. As the tractor turns, the implement automati-

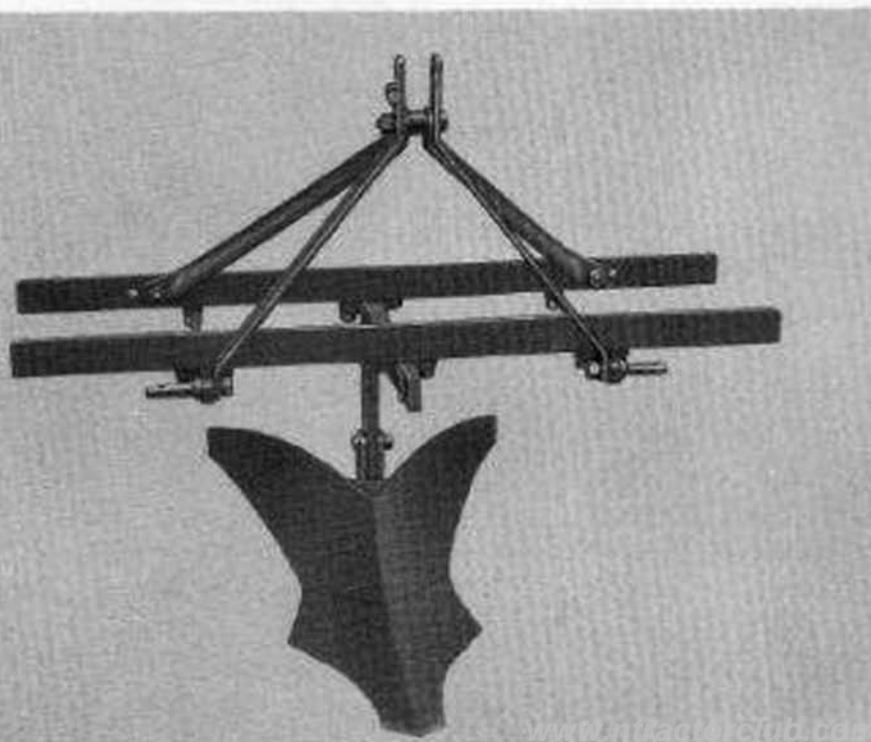
cally swings *inward* on the patented linkage system, thus making it possible to cultivate in a very small circle.

SINGLE AND TWO-ROW MIDDLEBUSTERS



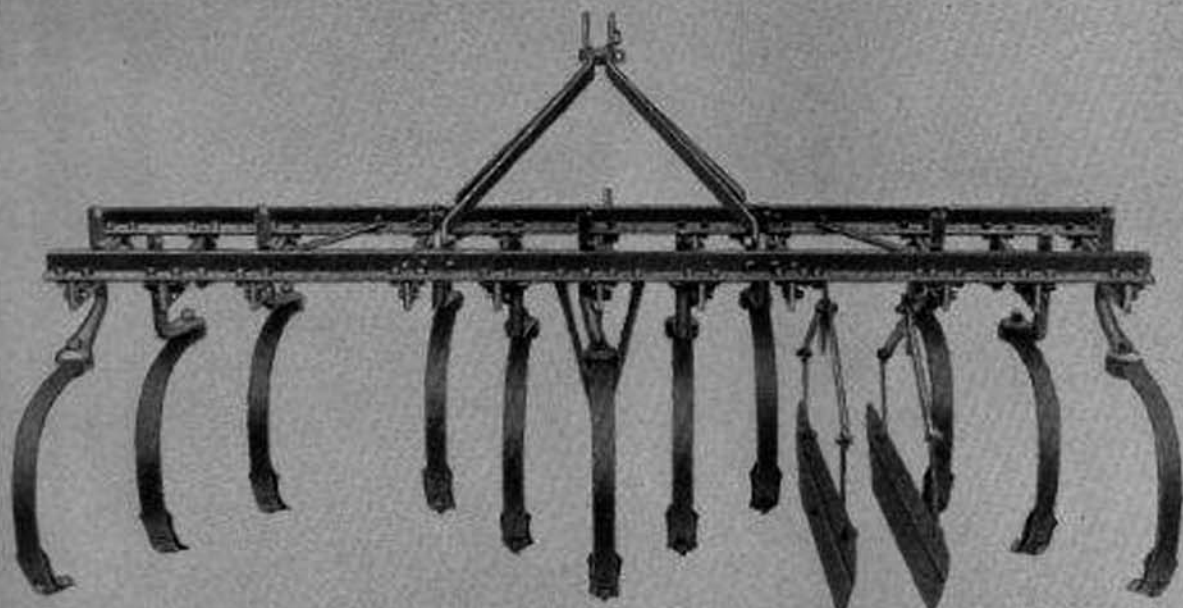
New middlebuster suitable for all depths and row widths—also suitable for contour busting. The angle bars, beams, brackets, etc., are made from the highest grade alloy steel, making the implement indestructible in operating among tree stumps or rocks. Planting

attachments will be available for lister planting. And—good news for the farmer—the implement weighs only about 200 pounds! This means unheard of light draft and low fuel consumption. Adjustable for various row widths.



★
Single-row middlebuster for heavy land conditions. Also suitable for drainage, or irrigation. The two-row 'buster can be converted into a single-row 'buster in a few minutes. *No additional parts are required!*

SPRING-TINE CULTIVATOR

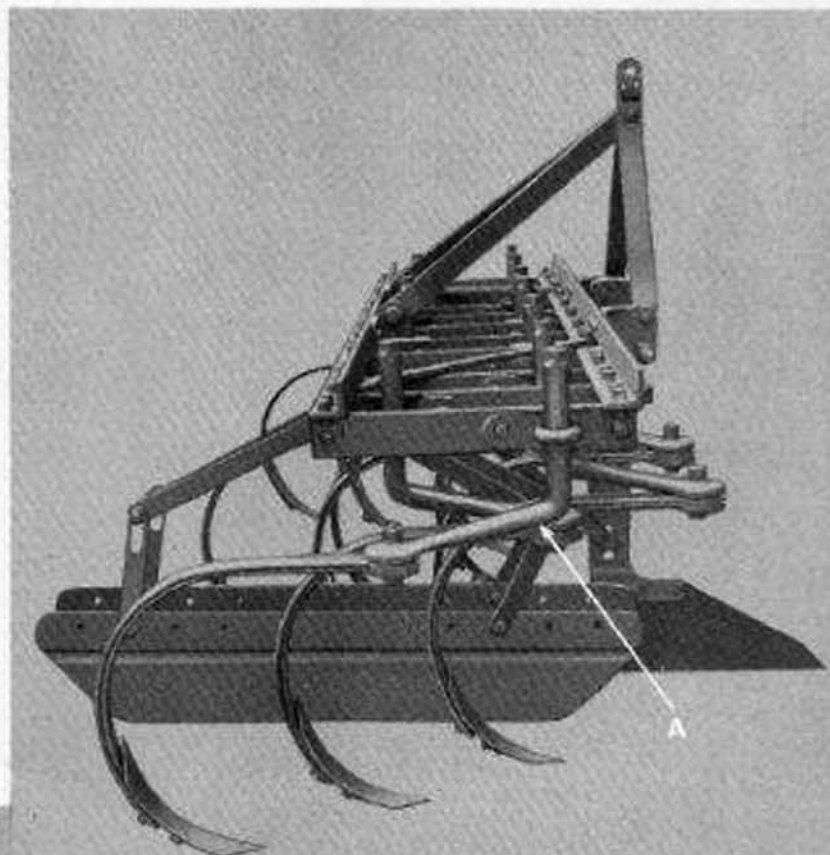


New Ferguson spring-tine corn and cotton cultivator—applicable to almost every kind of row-crop work. With this implement it is possible to drive full speed all day long in land full of obstructions *without damage*

to any part and without stopping the tractor. A wide range of lateral adjustments is provided by shifting the tine assembly on the angle bars. Various types of shovels and sweeps can be used.

★

Side view of new cultivator showing fender attachment. A quick lateral and vertical adjustment is provided for the tines by the crank stem "A."



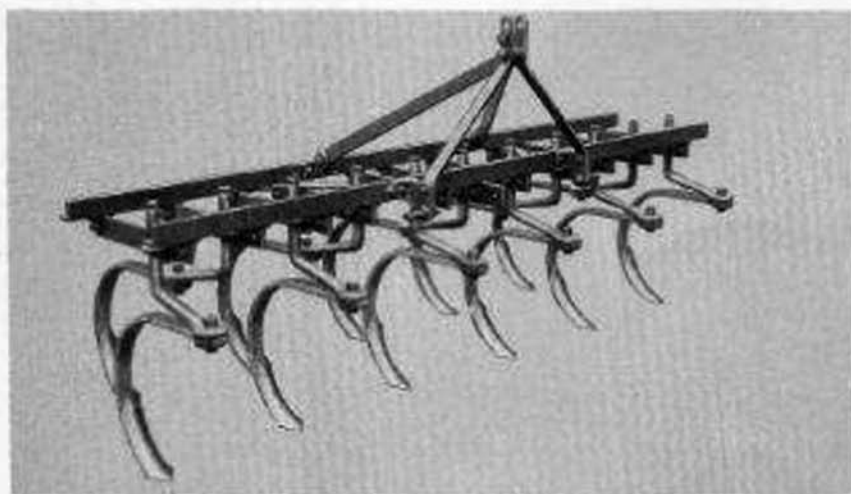
SPRING-TINE CULTIVATOR



Spring-tine cultivator adjusted to cultivate potato ridges. The implement is at the rear of the tractor, thus taking out all wheel marks and leaving the ground in a perfectly cultivated condition. This is essential for the proper aeration of the soil and the killing of weeds, as clearly illustrated.

This implement is the last word in scientific con-

struction, and it will be a boon to farmers in the worst conditions of stones and roots. In mountain districts where the land is full of boulders, the combination of the tractor and this new implement will mark a new era for farmers who operate in those conditions. Owing to the light weight of the tractor and implement, the steepest hills can be cultivated with ease and safety.



Another adaptation of the spring-tine cultivator showing the wide variety of uses to which it can be put without purchasing extra parts. The tines have been adjusted to suit general field cultivation where the land is light and shallow cultivation is required.

SPRING-TINE CULTIVATOR



This cultivator will do all that the Ferguson Tiller does, excepting that it is not recommended for hard land, or for cultivation in heavy land. For these conditions the Ferguson Tiller is ideal.

Illustrating the spring-line cultivator in orchard work. It is possible to operate close to the trees, where the branches permit, without danger of damage to the roots.

FERGUSON TILLER



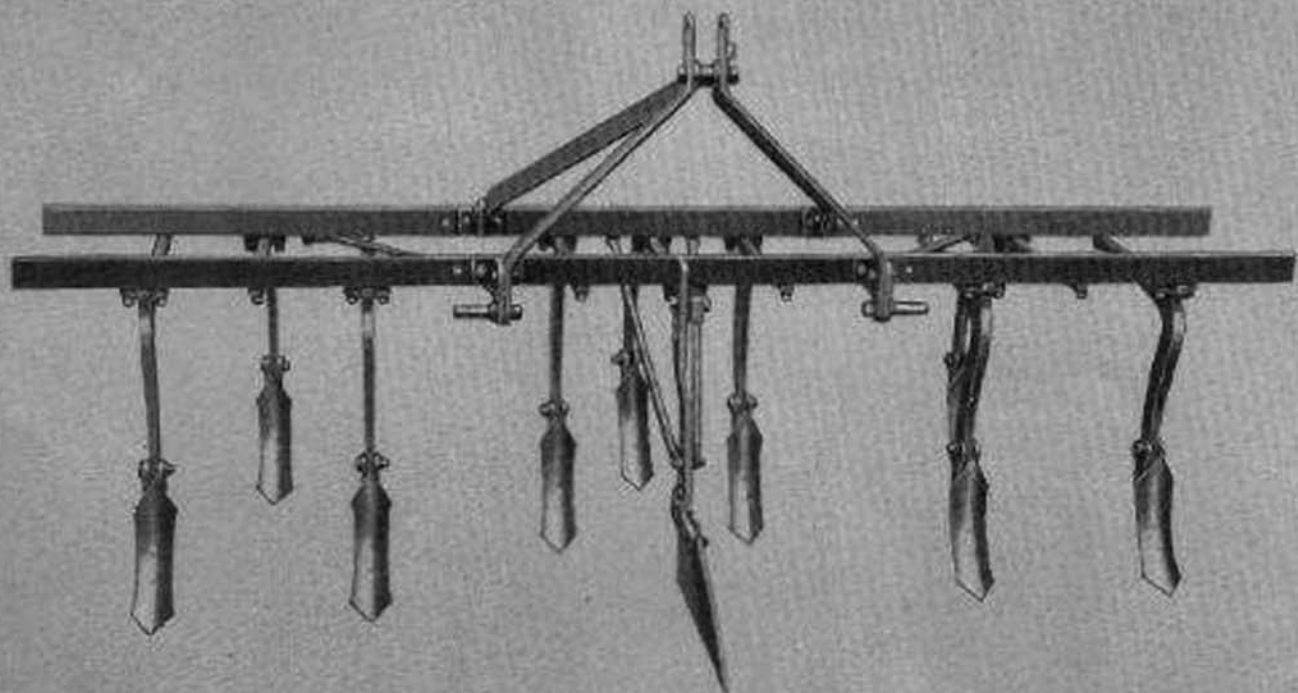
The 7-tine, 5-foot Ferguson Tiller which can be put to a great variety of uses on any farm. The tines are so constructed that when an obstruction is encountered, they automatically ride over the obstruction and

go back into the ground *without stopping the tractor*. This implement will operate in the hardest or heaviest land to any required depth.



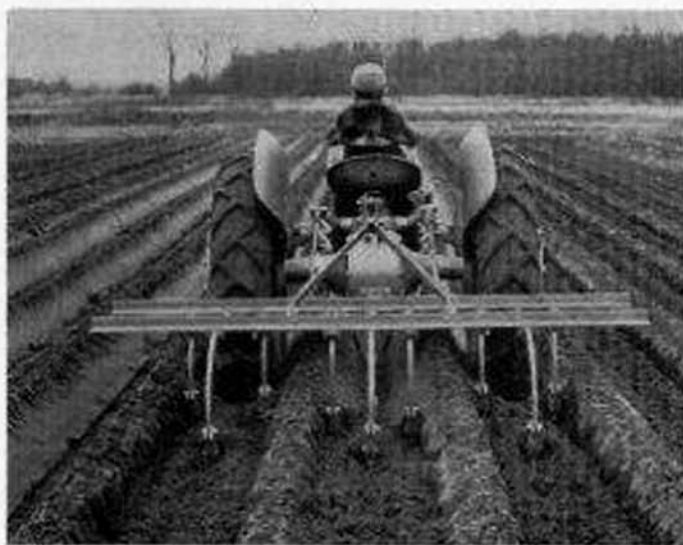
★
The new 7-foot wide, 9-tine, Ferguson Tiller. This implement has been designed for orchard cultivation, and for the cultivation of medium and light soils.

VEGETABLE CULTIVATOR

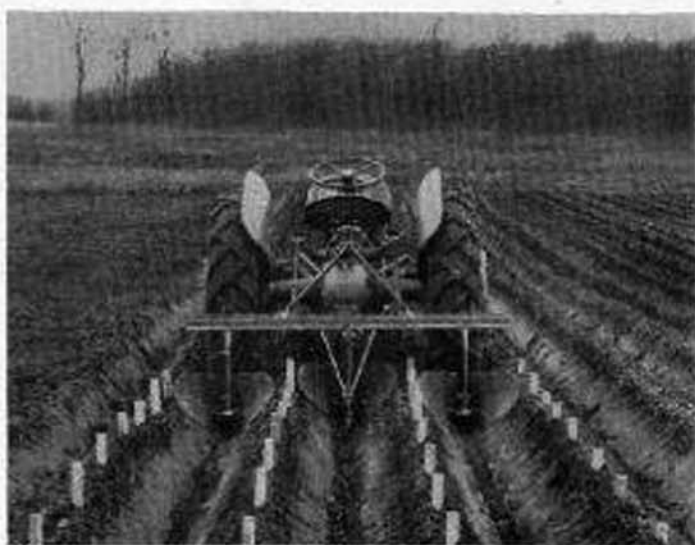


Vegetable cultivator. This implement is designed for the cultivation of such row crops as potatoes, turnips, beets, strawberries, etc.

This cultivator is built of highest grade alloy steel. The tines are adjustable, laterally, to suit all row widths and any type of shovel or sweep can be fitted.

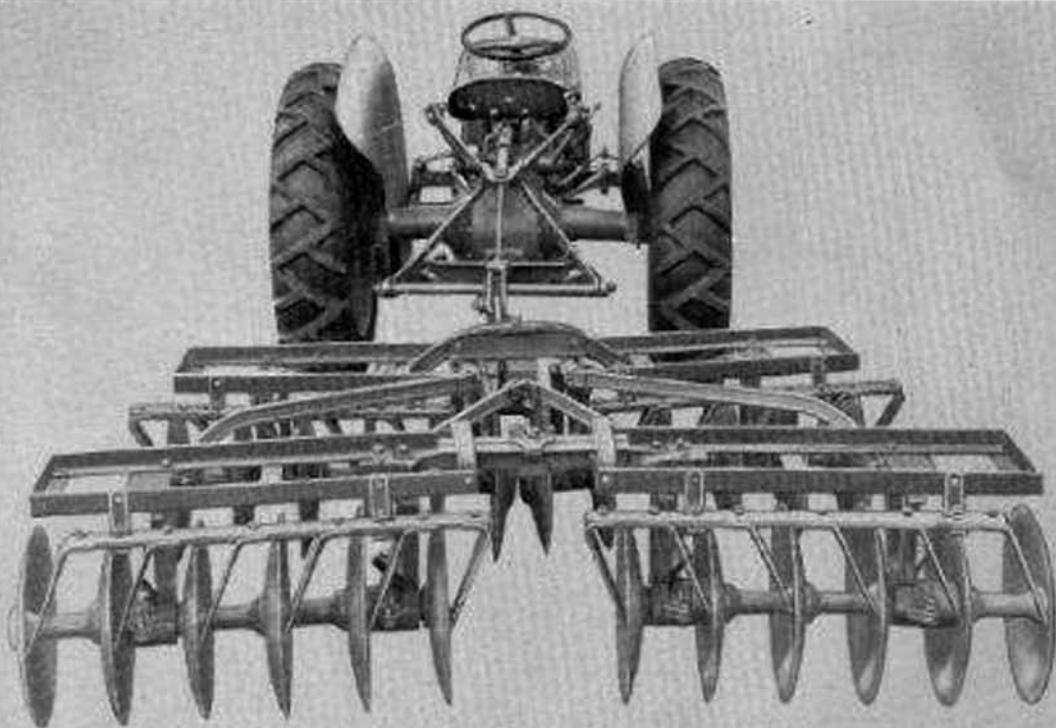


Close-up view of vegetable cultivator operating between potato ridges. The light Ford Tractor is ideal for this work because it does not pack the land. The soil is left in a perfectly cultivated and aerated condition, thus insuring the maximum yield.



The final operation in the potato crop. This is carried out with the ridger, after cultivation, as shown in the previous picture.

TANDEM DISC HARROW



The ordinary disc harrow is a "tractor destroyer" because the engine and transmission get no relief during hours of working. When plowing or cultivating, for example, the whole mechanism of the tractor gets a "rest" while turning on the headland. There is no such "rest" when using an ordinary disc harrow.

The continuous heavy strain is very damaging to the whole tractor mechanism, including the steering gear. The strain is also destructive of tires when

turning. The Ferguson disc harrow has been designed to overcome these serious objections.

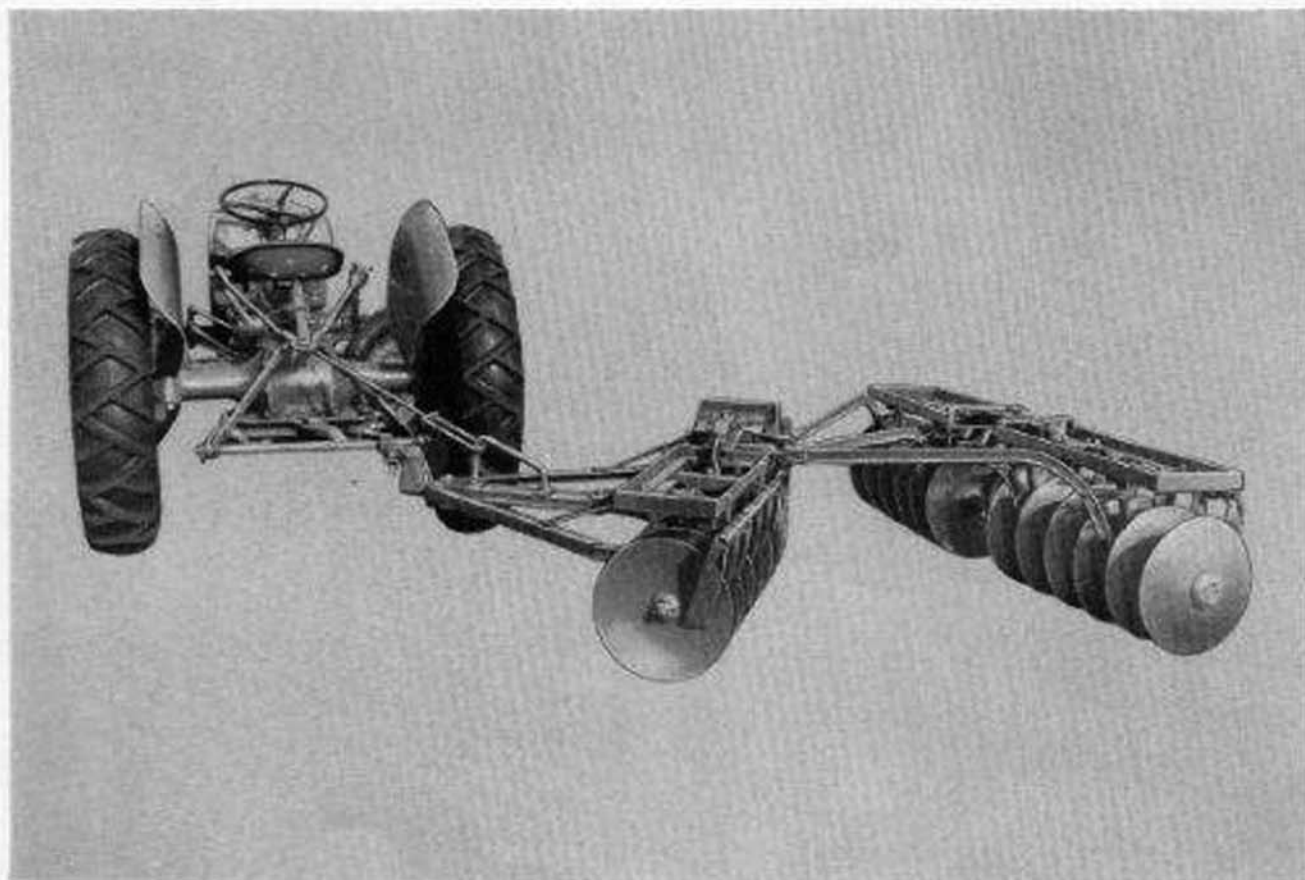
By making use of the Ferguson System of hydraulic finger-tip control the disc gangs can be straightened out instantly on the headland, thus relieving the strain on the tractor and saving time, fuel and tires.

Available in 5', or 6' widths, with 16, 18 or 20-inch plain or cutout discs. Single discs are also available in 10' and 12' widths.

This shows how the harrow is attached to the tractor through Ferguson System linkage. By operating finger-tip control lever "A," the angle of the discs may be instantly changed without stopping the tractor.



TANDEM DISC HARROW



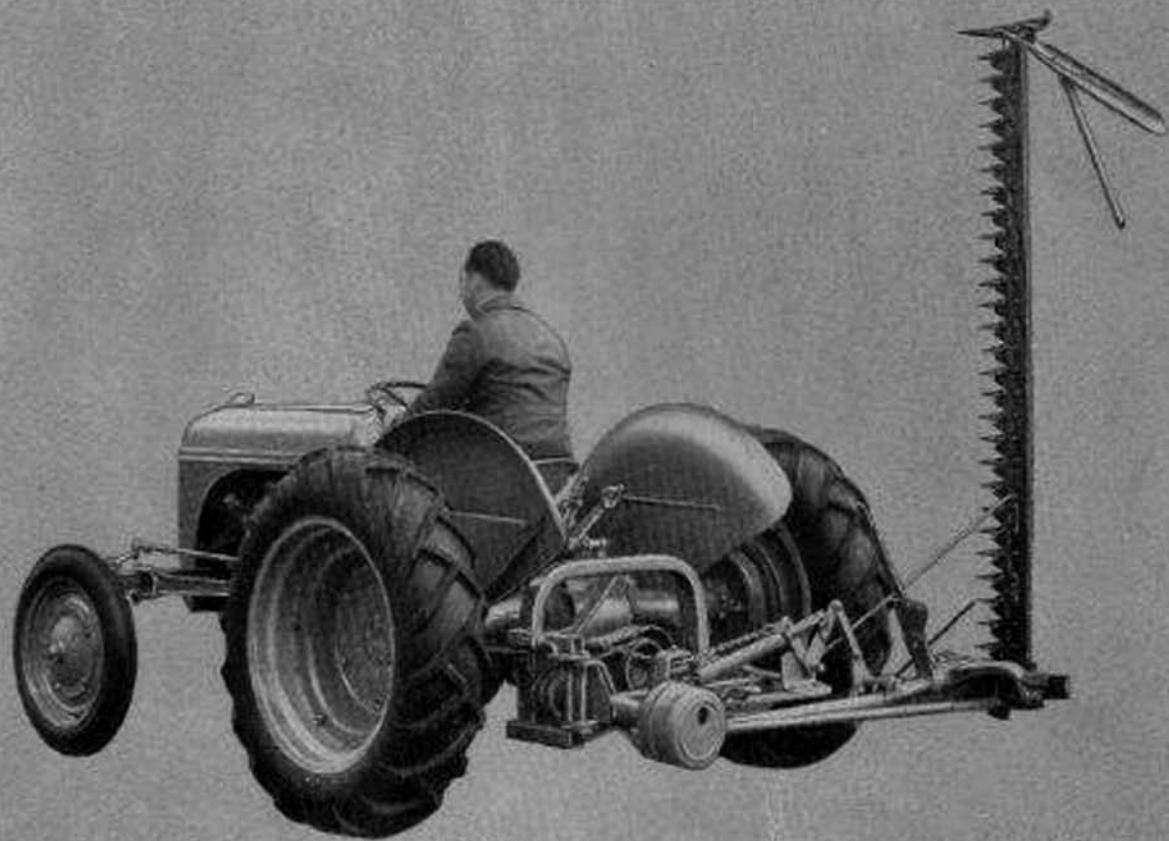
Swinging drawbar and finger-tip control make short turns at headlands possible, and at the same time relieve strain on tractor. Discs are straightened for

turning and re-angled without stopping. Prevents bogging down in soft or wet land. A boy or girl can handle this harrow.



Showing how the finger-tip control of the hydraulic mechanism may be instantly operated without leaving the seat of the tractor.

FARM TYPE MOWER



The new Ferguson farm-type mower combines ease of operation and sturdy design at low cost. Can be put on or taken off, easily, by means of simple connections to a built-in bracket on tractor rear axle.

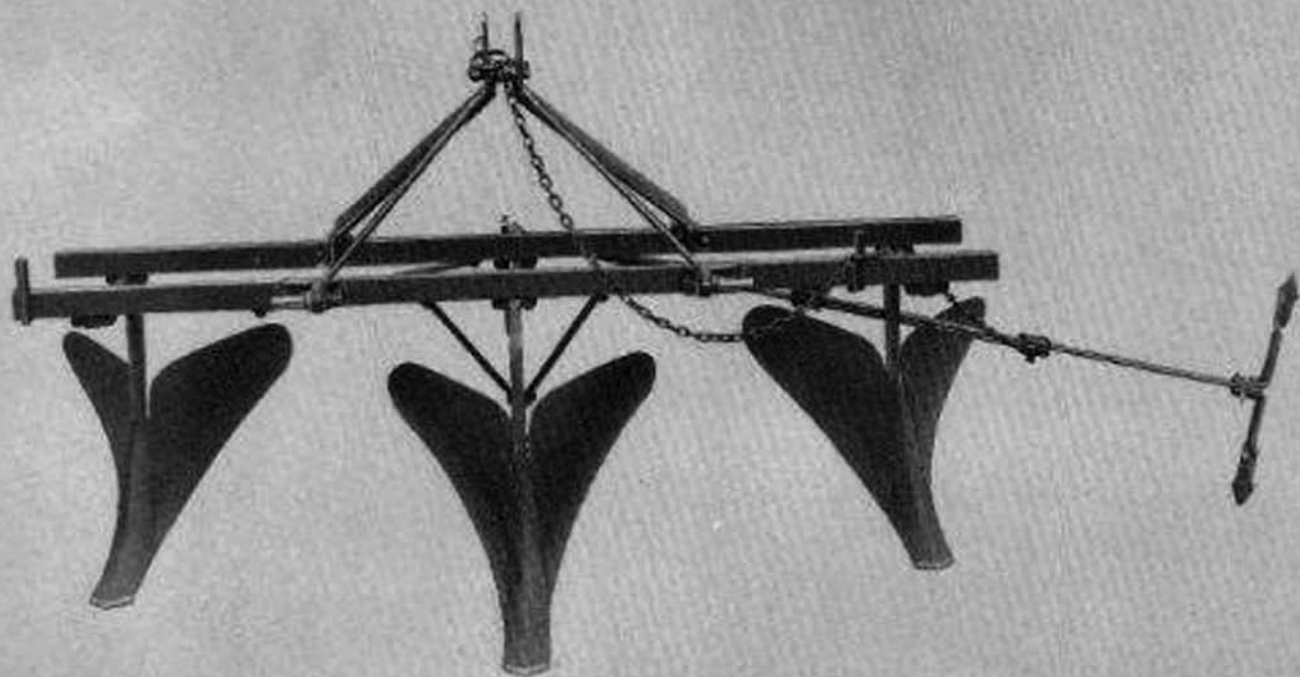
Positive safety device allows cutter bar and driving mechanism to swing to rear and cut off power to sickle when an obstruction is hit.

May be obtained with 5', 6' or 7' cutter bar.

Raising cutter bar for clearing an obstruction, turning, or backing, is done from tractor seat by the finger-tip hydraulic control. Location of cutter bar just back of rear wheels makes it easy to mow a square corner without stopping the tractor.

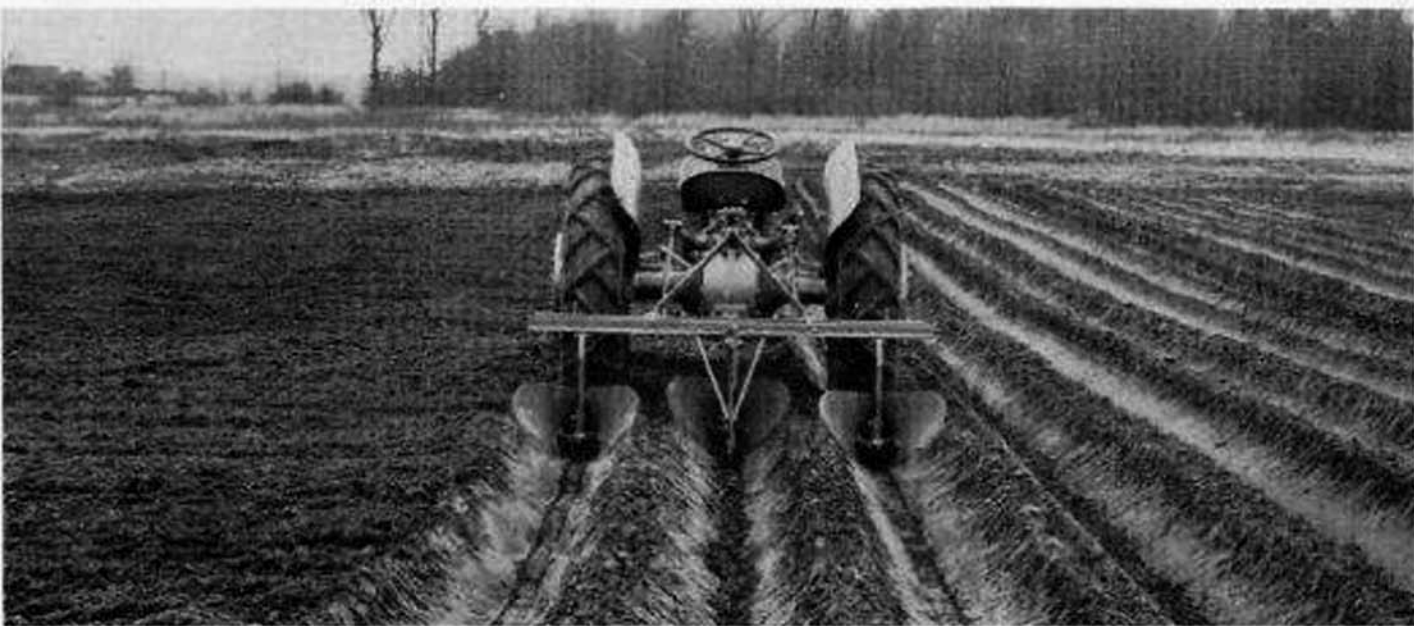


THREE-ROW RIDGER



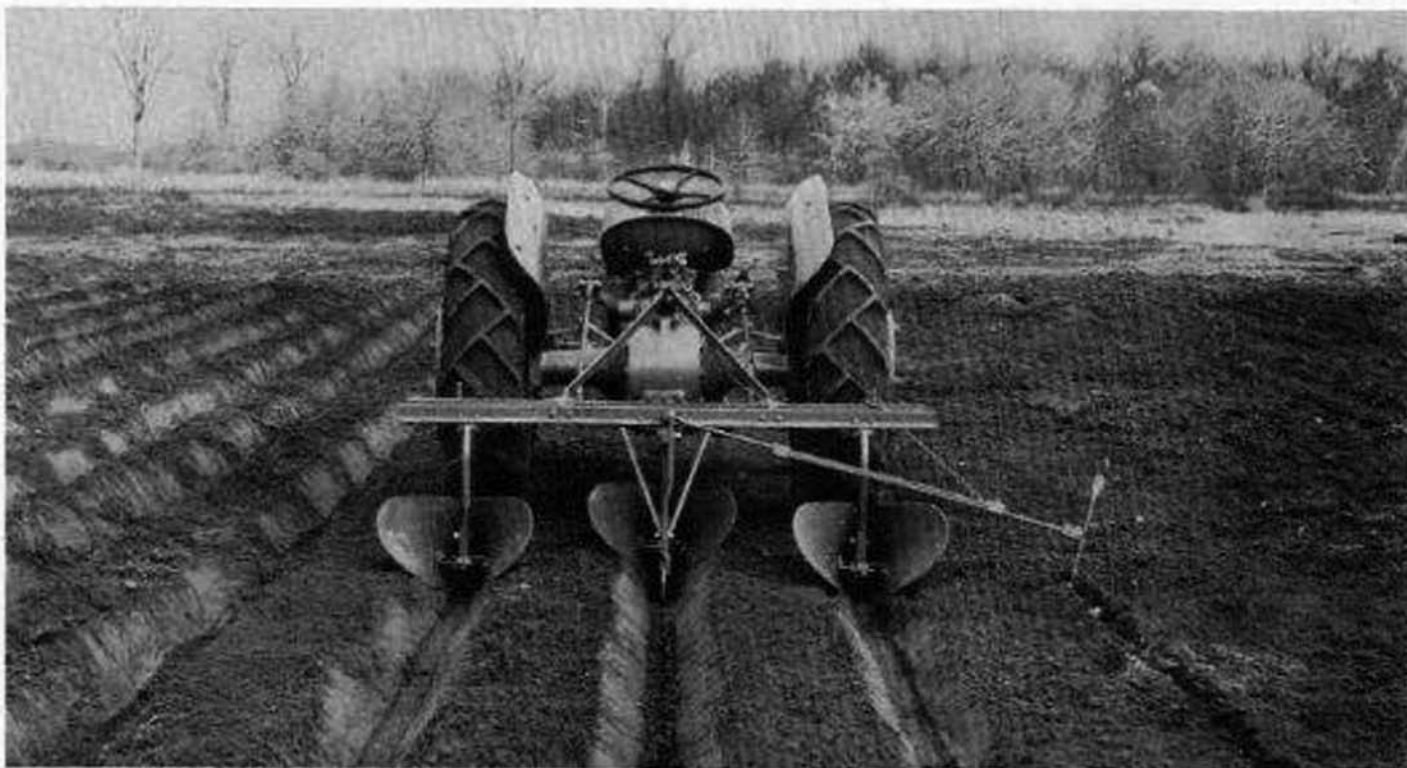
Three-row Ferguson Ridger, designed for potatoes and vegetable row crops. There is ample clearance for all conditions, and bottoms are adjustable from 24" to 30" rows. Provision can be made for wider adjust-

ments where required. This implement is also made of the highest grade alloy steel. This ridger—widely used in Europe—will become popular in potato and vegetable districts in United States and Canada.



Making the ridges for potatoes. Ridges may be made to any desired depth.

THREE - ROW RIDGER



Making very shallow ridges. The potatoes are planted in the bottom of these ridges and may be covered by

harrowing or by splitting with the same implement.



Showing how the ridges can be split to cover the potatoes. Wooden pegs are used to represent the potato plants.

HEAVY-DUTY MOWER



Intended for highway, municipal or farm use where very heavy duty mowing is required. Flexibility and easy handling make it ideal for those hard-to-get-at places that formerly required hand cutting.

Safety automatic throwout clutch provided for protection of mower. Curb-clearing attachment is available at slight additional cost. Available in 5' or 6' lengths.



Sickle will operate with cutter bar as much as 45° below horizontal. Ideal for mowing sides and banks of drainage ditches. Reduces handwork to a minimum.



Any slope from 45° below horizontal to vertical can be easily mowed. Cutter bar is raised or lowered, instantly, by the finger-tip hydraulic control.

FERGUSON-SHERMAN MANUFACTURING CORPORATION

DEARBORN, MICHIGAN



© Ford Motor Company