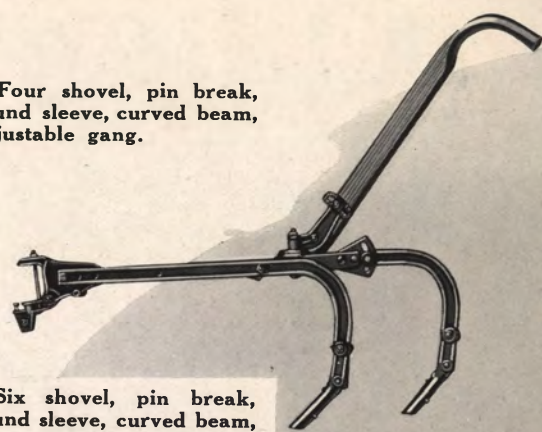
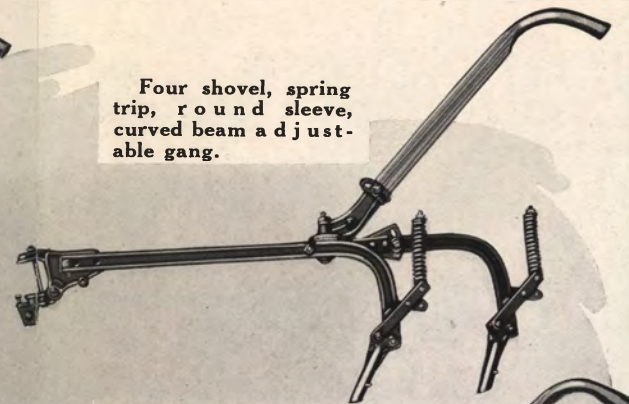


Beam Equipment For Case Cultivators

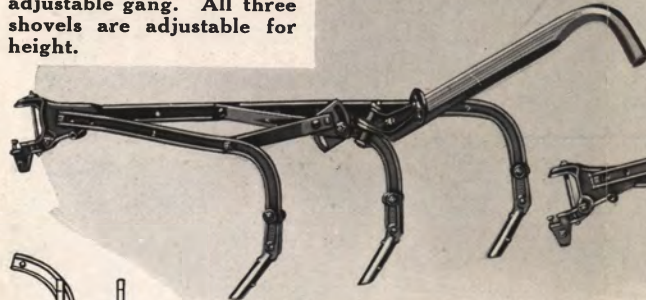
Four shovel, pin break, round sleeve, curved beam, adjustable gang.



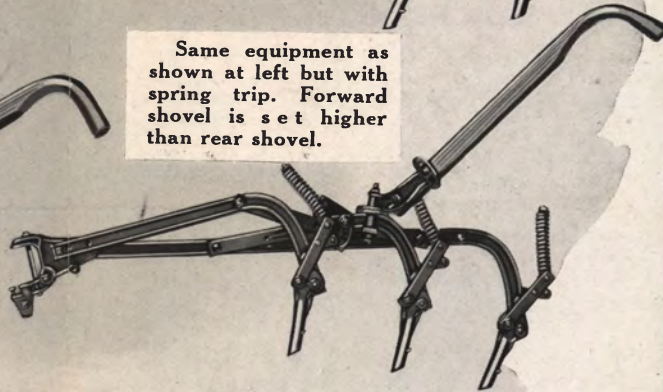
Four shovel, spring trip, round sleeve, curved beam adjustable gang.



Six shovel, pin break, round sleeve, curved beam, adjustable gang. All three shovels are adjustable for height.



Same equipment as shown at left but with spring trip. Forward shovel is set higher than rear shovel.



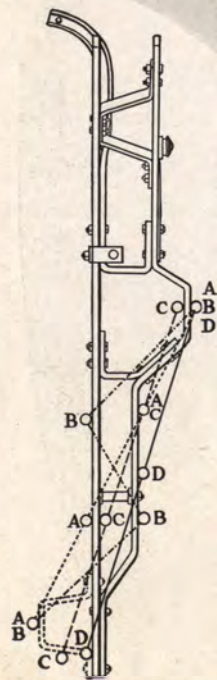
Above are illustrated various types of beams available for the "A" series cultivator. Similar beam equipment can be secured for the "C" series.

With the adjustments, the front shovel can be raised $4\frac{1}{2}$ " above the rear or vice-versa. Crops planted on beds, in furrows or flat planted can be cultivated. These adjustments also apply to the curved beams with open sleeve.

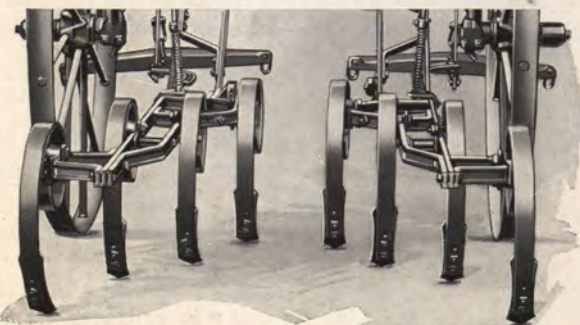
Either of the above beams can be obtained with the pivot axle cultivator.

The one piece beam can be used (as shown at the left) for practically every four shovel arrangement. The rear bracket, shown in dotted lines, can be removed to obtain a three shovel beam as shown in the center illustration on pages 4 and 5.

The two piece beam shown above has the removable goose neck. This beam can be used with either a three or four shovel arrangement. The removable goose neck can be used as a mounting for other types of beams if desired.



Case One-piece Beam



Spring teeth can be interchanged with round standard shovels on "D" Series Cultivators.

Form 50531

Printed in U.S.A.

This booklet tells why Case 1-row cultivators are profitable machines to own. After reading, see your nearest Case dealer.



CASE

ONE ROW CULTIVATORS



L. E. RUTH
WERNERSVILLE, PA.



J. I. CASE CO.

ESTABLISHED 1842 RACINE, WIS. U.S.A. INCORPORATED

Case One-Row Cultivators



All Crop Cultivators

WHERE a large variety of crops is grown in small or large fields, simple, easily operated, and highly adaptable cultivators are a valuable asset. Case 1-row cultivators are ideally suited to highly diversified farming.

Adaptable To Many Conditions

Practically all row crops are successfully cultivated with Case 1-row cultivators. In small truck crops where accuracy of control and quick dodging is paramount, as well as in such larger crops as corn, Case 1-row cultivators are being used to great advantage.

Because of the accuracy of control and ease of handling, these cultivators are being used on hilly as well as on level ground. The perfect balance allows the operator to pivot the machine with the controls and positively govern the direction of travel at all times.

Case 1-row cultivators can be set to cultivate rows from 28 to 44 inches apart. The rows may vary in width and plants be out of line, or the

rows crooked, yet you can easily dodge the plants and accurately follow the rows.

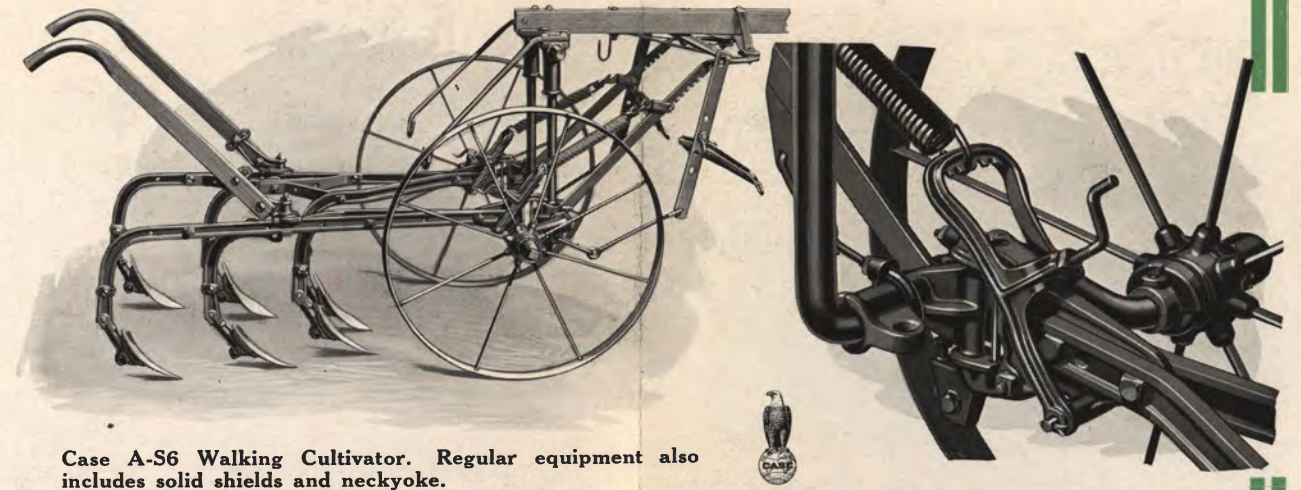
Light Weight — Simplicity

The elimination of unnecessary levers, springs, chains and other parts simplify these machines and reduce the weight. This means lighter draft and simplicity of operation. Consequently, both the team and the operator work with less effort and accomplish more per day. The perfect balance makes operation extremely easy and relieves the team of neckweight. The work will be easier and the cultivation better when you use a Case.

A Small Boy Can Operate Them

The easy guiding of Case 1-row cultivators is due to the perfect balance, snug fitting parts to eliminate lost motion, and long leverages. Sufficient adjustments are provided to take up wear on the moving parts, and to properly set the gather of the wheels for easy steering. Under all conditions, the cultivators can be controlled with the minimum of effort.

Case "A" Series Walking Cultivators



Case A-S6 Walking Cultivator. Regular equipment also includes solid shields and neckyoke.

Perfect Balance — Easy Control

PERFECT balance and ease and accuracy of control are outstanding among the many desirable features of Case walking cultivators.

Self-Balancing Frame

The Case cultivator frame is so designed that the tongue remains horizontal whether the beams are in the working or transporting position. There is no extra neckweight when the beams are down, and the end of the tongue stays level when the gangs are raised.

Springs Hold Gangs In Position

You will observe from the illustration above that a heavy coil spring hooks into the yoke at the forward end of each beam, and that the tension of each spring can be regulated by setting the fastening at the upper end. By properly adjusting these springs to balance the beams, the operator can relieve himself of the greater part of the work of controlling them.

Besides balancing the beams, the springs hold the shovels to their proper working position without continual effort from the operator. Any tendency of the beams to drift is overcome by hooking the springs at one side of the yokes. The springs then pull at an angle, offsetting side pressure and making the machine easy to handle.

The depth of penetration is accurately governed by the screw crank adjustment. This regulates cultivating depth without interfering with the freedom of beam control.

No Loose, Wobbly Beams

The Case cultivator is provided with long, adjustable cone-shaped beam bearings, which appear in the illustrations above. The long bolts can be easily tightened to restore the couplings to their proper adjustment, should the bearings wear after long use. This provision means added years of life and better cultivating. (See pages 6, 7 and 8).

Adjustable Arch

A variable wheel tread makes the Case cultivator suitable for cultivating row crops planted at various widths. The cast brackets can be spaced as desired on the cross bar and clamped firmly in position by a wedge bolt. The wheels can be set as close together as 40 inches or as wide apart as 50 inches.

Clear View of Row

Because of the fact that the tongue does not extend farther to the rear than the arch, the operator of a Case has a clear view of the row being cultivated.

Case "D" Series Pivot Axle Cultivator

A General Purpose Machine



TO MEET the wide variety of requirements demanded by the efficient farmer who is practising an intensive diversification of crops, the Case pivot axle cultivator is offered. By combining the wheel guide and the gang shift feature with the many other desirable characteristics in this one machine, Case engineers have produced a cultivator of remarkable flexibility which works as efficiently in crooked rows as in straight rows.

Wheel Guide, Gang Shift Control

The simultaneous shifting of the gangs and pivoting of the wheels, gives this cultivator such dodging ability that it easily follows rows very difficult to cultivate with ordinary machines. In addition to this, the gangs always remain parallel and the shovels face straight forward to their work so that *every inch* of ground is cultivated. All of this action is brought about by light pressure on the powerful foot pedals, leaving the hands free to drive and make lever changes.

Levers Make Field Settings

The Case pivot axle cultivator is provided with means for making all field adjustments quickly, from the seat. Handy levers raise and lower the gangs for turning, regulate their depth individually, spread them properly and tilt them up or down. The Case pivot axle cultivator therefore can be set for all field conditions without using a wrench or stopping the team.

The handy, spring assisted master lever raises

Follows Any Row — Stirs Every Inch of Soil

or lowers both gangs at once and automatically balances the machine—no time is lost in turning.

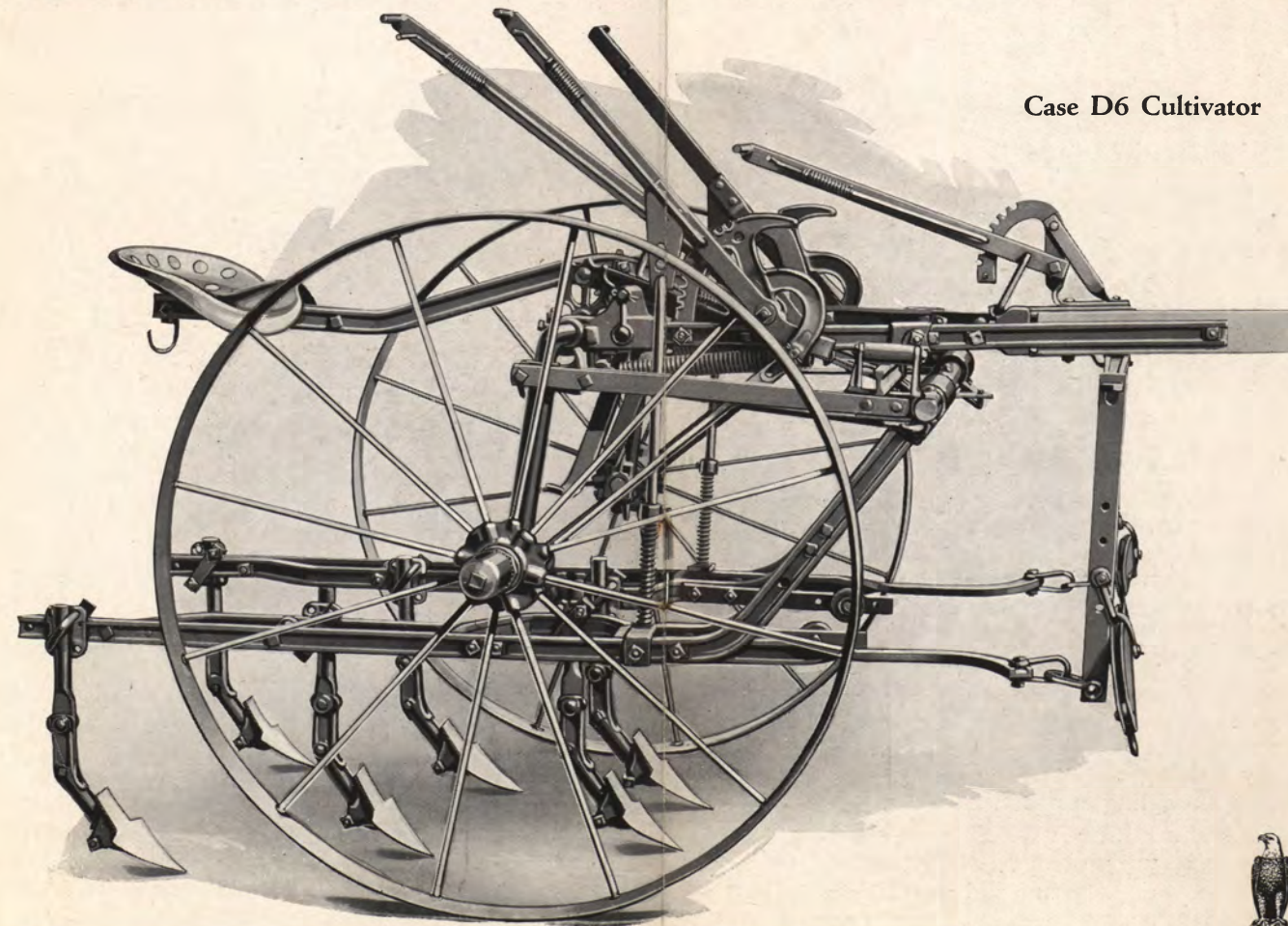
Either beam can be raised independently for finishing point rows. The depth of penetration is accurately governed by these levers. Adjustable pressure springs hold the shovels to their work.

The handy spacing lever permits instant adjustment for spreading the gangs when cultivating bushy plants.

A leveling lever at the rear of the pole quickly tilts the cultivator gangs.

Gangs Shift on Rollers

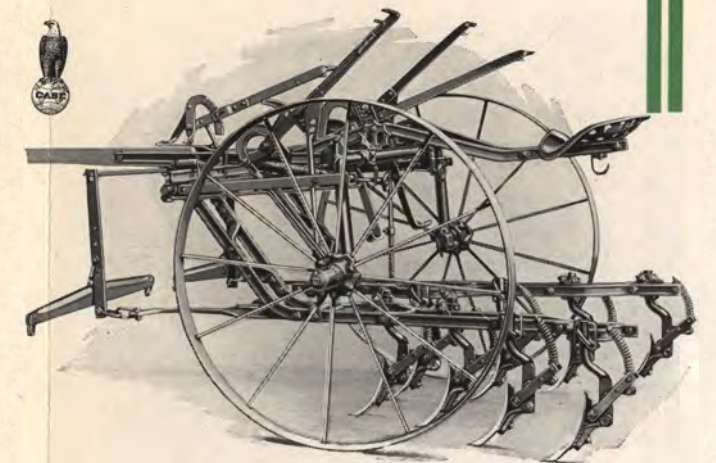
You will marvel at the small amount of effort required to shift the gangs. Upon examination you will find that the gangs shift on rollers. In addition to this, the entire guiding mechanism pivots throughout. There are no chains to get slack and rattle.



Case D6 Cultivator

Case D6 Cultivator.

Regular equipment includes 2½" concave tire wheels, magazine wheel boxes, shovels as desired, solid fenders, pole, neckyoke and singletrees. A steel pole can be obtained if desired.



Case DR-23 cultivator equipped with 8 double pointed shovels and spring trip standards.

Adjustable Seat

The height of the seat can be quickly changed by adjustable risers, having several positions between high and low. The seat can also be moved forward or back to suit the desire of the operator.

Direct Line of Draft

The lower ends of the steel single tree pendants are connected directly to the beams, thereby securing lighter draft, due to the direct draft line from horses' hames to the beams.

Simple — Durable

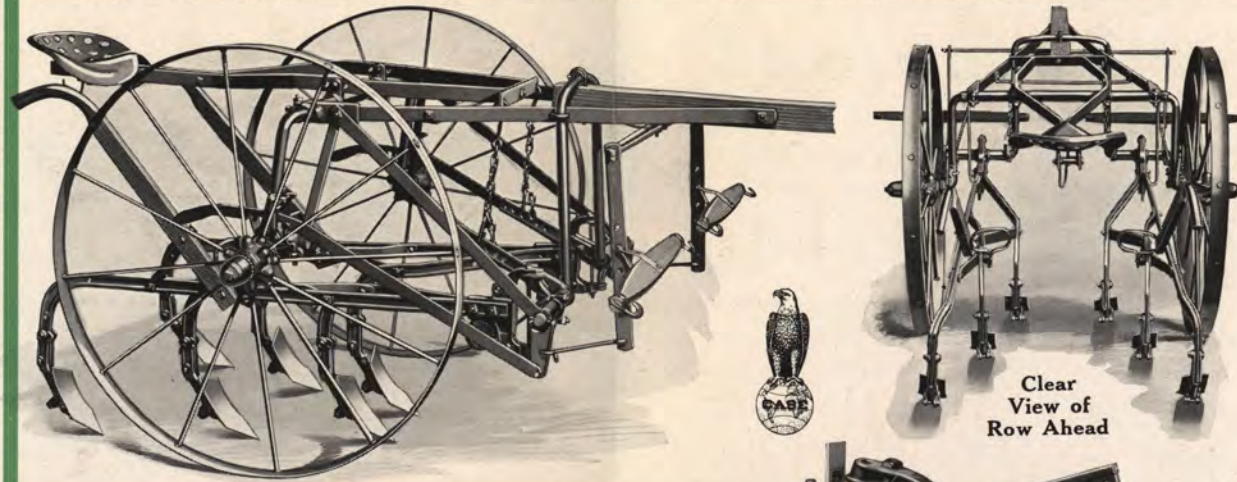
Rigid construction and perfect balance gives you a simple, light draft, and easily operated cultivator that will do good work throughout its long life.

You have a clear vision of the row and the work being done. There are no extra parts to obstruct your vision. The high wheels give more clearance than is found on most cultivators. An adjustment for maintaining the proper gather of the wheels promotes easy steering under all conditions.

The Case pivot axle cultivator is equipped with 42-inch suspension type wheels with magazine grease boxes and exclusive Case lock rings.

The axles are marked for various widths of rows. A simple telescoping adjustment spaces the wheels so that rows from 28" to 44" apart can be cultivated. Special equipment, pages 7 and 8.

Case "C" Series Leverless Cultivator



The beam couplings are of the same adjustable type as found on Case Walking Cultivators. The beams can be moved in or out to cultivate slender or bushy plants. Neckyoke and shields furnished.

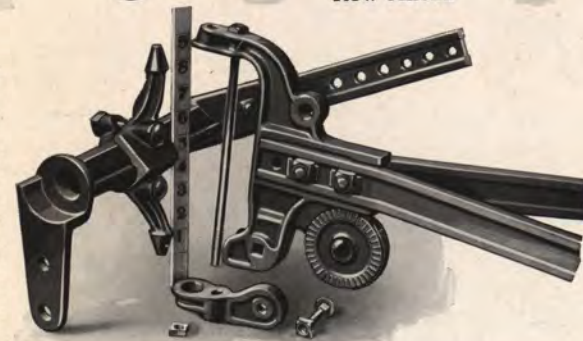
Balanced Control—Simplicity

UNUSUAL simplicity and ease of control are outstanding in the Case leverless cultivator. Being made almost entirely of steel, this machine has ample strength to meet all field requirements with still a minimum of weight and number of parts.

Better Balance — Better Work

The weight of the operator accurately balances the beams, yet the beams swing freely regardless of their position. You will notice in the above illustration that the chains connecting the seat bars and the gangs are attached to arms on the beam connections rather than directly to the beams. This exclusive Case construction perfectly balances the machine, and the beams can be swung to either side without interfering side pulls from the chains.

An adjustable arm extending from the short lever on the beam head bar to the axle post permits setting the wheels forward or back so that the balance of the machine can be maintained regardless of the weight of the operator.



No Loose Wobbly Beams

The cone shaped beam bearing coupling shown above is of the same type as used on Case Walking Cultivators (described on page 3). The beams can always be kept fitting snugly so that they will respond quickly without lost motion.

Adjustable Wheel and Beam Spacing

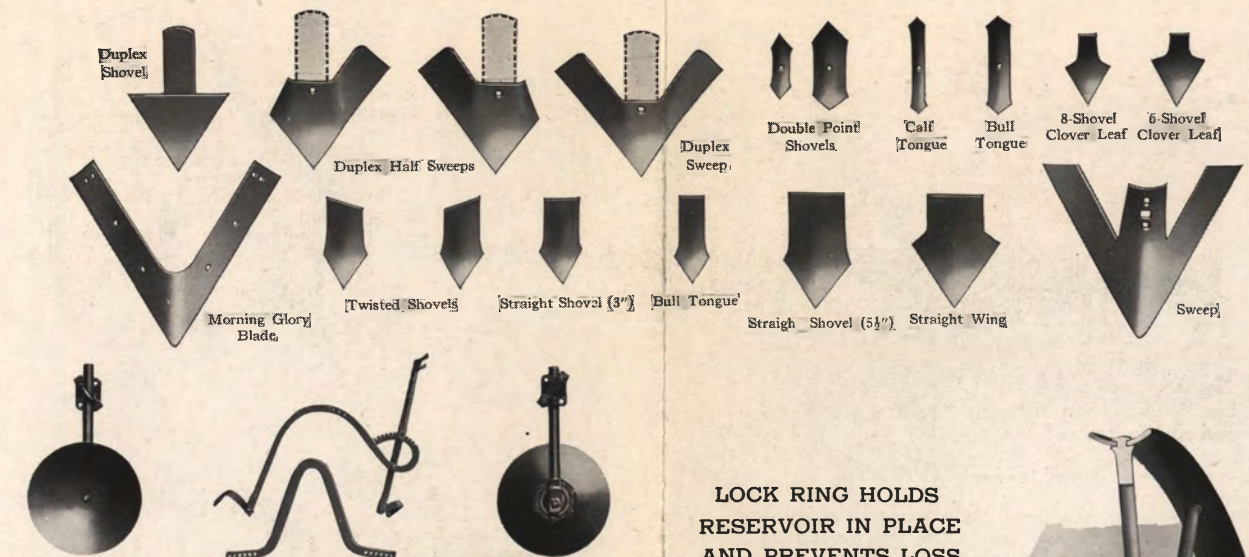
By merely loosening two sets screws, the wheels can be set for cultivating rows from 30" to 44" apart. The beams can also be spaced as desired by moving the beam coupling in or out on the beam coupling support.

Clear View of Row

The wide spread seat arms and general simplicity throughout give the operator an unobstructed view of the row at all times.

Shovel, disk hiller and wheel equipment described on next page—special beams on back page.

Equipment For Case Cultivators



A large variety of shovels and sweeps, disk hillers for moving large amounts of soil, and jockey arches to support the disk hillers, can be secured.

Case Suspension Wheels

In building Case suspension wheels, the tires are perfectly welded by electricity and the spokes are *hot riveted* on both sides of the tire. The hub is then cast around a removable wheel box and the notched inner spoke-ends. As the iron hub cools, it shrinks, draws the spokes tight and locks them securely. The tension on the spokes gives the name to this type of construction, and adds greatly to the strength and life of the wheel.

As illustrated at right, the wheel box has a grease magazine in the center to retain grease. The screw cap serves as a grease reservoir, holding a reserve supply of lubricant, and is held in place *anywhere on the threaded box* by the exclusive Case lock ring.

Save Time — Save Grease

To grease the wheel, the screw cap should be filled and screwed on until the grease magazine is full and the grease begins to come out at the sand cap. Then the grease reservoir should be refilled, started on the thread and locked in place by the ring. As additional grease is required, it is only necessary to loosen the lock ring, turn the cap further on and again lock in place.

LOCK RING HOLDS RESERVOIR IN PLACE AND PREVENTS LOSS OF SCREW CAP

LARGE GREASE RESERVOIR HOLDS SEASON'S SUPPLY

GREASE MAGAZINE INSURES CONSTANT LUBRICATION OF THE WHEEL.

