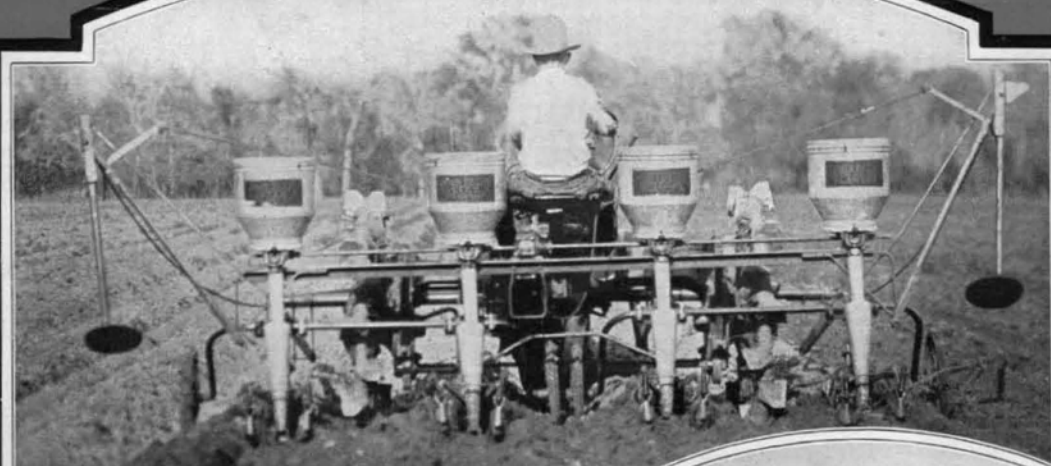


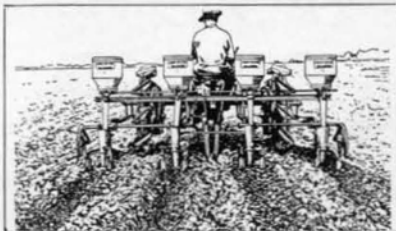
JOHN DEERE *GENERAL PURPOSE* WIDE-TREAD TRACTOR



-and One-Man
Power-Lifted
Working
Equipment
Built for Use
on Southern
Farms.



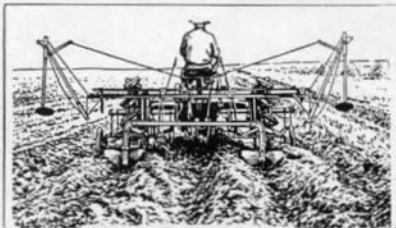
IT'S DIFFICULT TO CONTROL PRICES, BUT IT'S EASY TO CUT COSTS



PLANTING—4 ROWS



CULTIVATING—4 ROWS



BEDDING—2 OR 3 ROWS



CUTTING STALKS—2 OR 4 ROWS

Users Say that the John Deere General Purpose Wide-Tread Tractor Is the Most Practical Cost-Reducer Ever Built for Southern Farms

PROGRESSIVE farmers realize the necessity of raising their crops at lower costs. As a result, the farming picture is changing rapidly. Many a farmer today is using machine power to double and triple his daily capacity, to save hard work, to lower production costs.

The General Purpose Wide-Tread Tractor, designed by John Deere for use on Southern farms, enables the Southern farmer to utilize mechanical power for *all* of his farm jobs to an extent that never before was thought possible.

With this modern tractor and equipment, he is master of his farming operations, independently carrying them on with greater speed, with greater dependability, and at lower costs.

The following pages illustrate and describe the construction of the General Purpose Wide-Tread Tractor and the equipment that can be profitably used with it together with the many improvements. A few minutes devoted to reading these pages will give you a better idea of the adaptability of this outfit to your particular needs—how it will fit in, to make farming more profitable for you.



LISTING—PLANTING—2 ROWS



CULTIVATING—2 ROWS



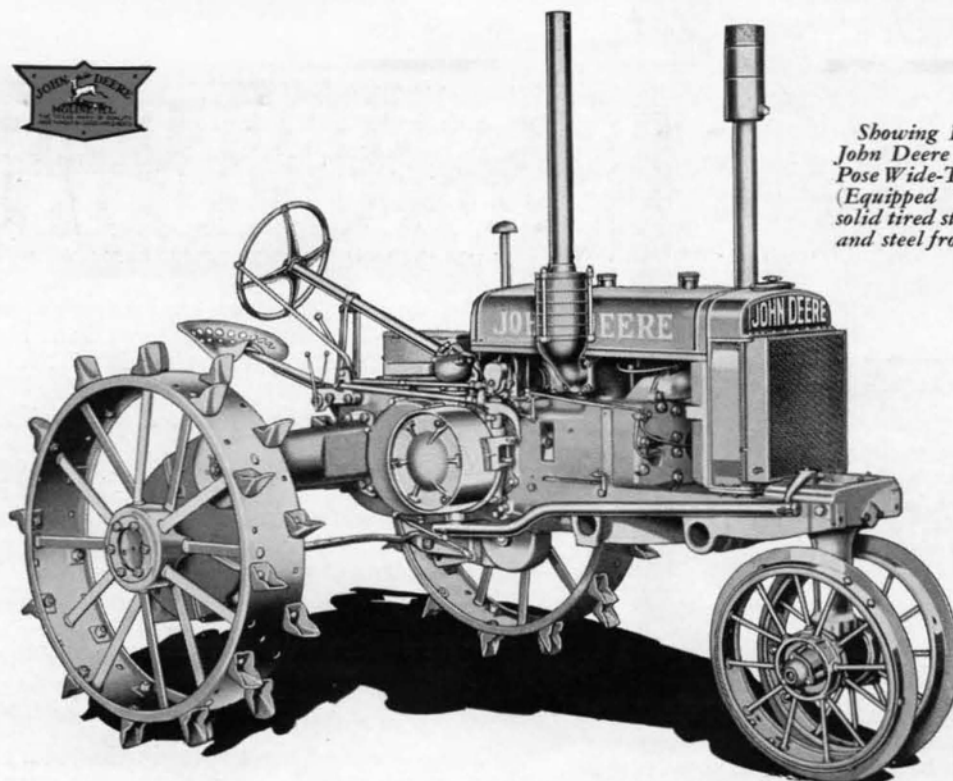
DISK PLOWING



DISKING



Planting at the rate of more than 275 acres a day with John Deere General Purpose Wide-Tread Tractors. These six tractors and equipment have replaced approximately 72 mules and 18 men on this one farm.



Showing Pulley Side of John Deere General Purpose Wide-Tread Tractor. (Equipped with regular solid tired steel rear wheel and steel front wheel.)

JOHN DEERE General Purpose Tractor

Wide-Tread Type Built for the South

IN THE John Deere General Purpose Wide-Tread Tractor you get all of the cost-reducing power farming advantages of the John Deere General Purpose Standard-Tread Tractor plus special mechanical features which suit it ideally to use on Southern farms. Its special design enables it to meet Southern farming conditions fully—to give Southern farmers the utmost in tractor power for planting, cultivating, bedding, stalk-cutting and all the other farm jobs within its power.

This modern tractor is designed so that its power, weight, economy of operation and durability are perfectly balanced, giving its users the maximum performance as a general purpose outfit.

Power Lift—Fourth Power Outlet

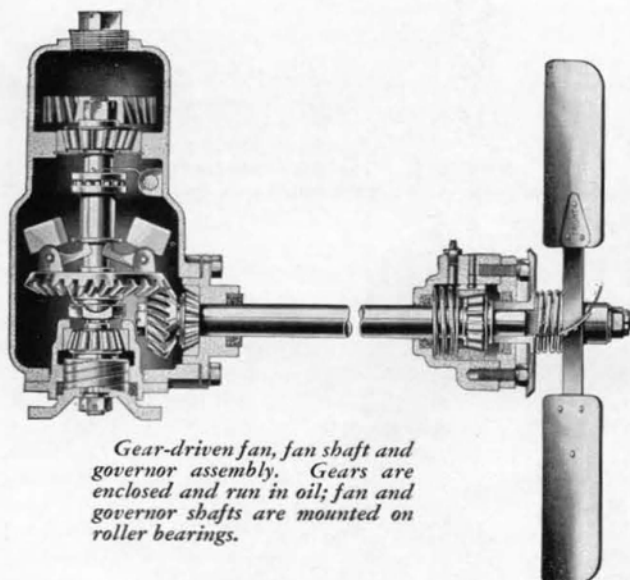
The tractor supplies power at the drawbar and at the belt, it has a power take-off, but more than this, it has a *power lift* which starts operating by a mere

touch of the foot to lift or lower planting, cultivating, bedding or listing equipment. The John Deere power lift operates when the tractor is standing still as well as when it is in motion.

The power take-off and power lift are distinctive and original features in tractor operation developed and contributed by John Deere. In giving to the world these labor-saving, time-saving features, the efficiency of the General Purpose Tractor is ad-

Better Performance—Greater Value Than Ever with These Improvements

1. Improved Air Cleaner (air is DOUBLE-Cleaned)
2. Fuel Filtered Twice
3. Special Combination Oil Filter and Pressure Indicator
4. Combination Muffler and Spark Arrester
5. Special Crank Case Breather and Ventilator
6. New Radiator Guard
7. Adjustable Radiator Curtain
8. Improved Governor
9. "Easy-on" Fuel Filler Caps



Gear-driven fan, fan shaft and governor assembly. Gears are enclosed and run in oil; fan and governor shafts are mounted on roller bearings.

vanced to a point never before thought possible by farmers generally.

Because it has both of these features, the John Deere has the ability to do more acres of work per day, and the work will be done better because the operator is relieved of a great amount of labor and the necessity of making many adjustments.

Simple, Two-Cylinder Engine Supplies Smooth, Economical Power

A simple, two-cylinder, heavy-duty engine supplies the John Deere Tractor with its economical power. Certain improvements recently made in this engine, although minor in themselves, add materially to the general performance of the tractor.

John Deere Burns Low-Cost Fuel—An Important Advantage

The John Deere two-cylinder engine design not only gives you simplicity—fewer bearings, fewer points of friction, fewer adjustments to make—but it burns low-grade fuel with real economy. The use of low-cost fuel gives the owner of a John Deere tractor a day-in and day-out saving that should not be overlooked.

The fuel is preheated before it enters the cylinders. Because of the short distance the fuel mixture travels in reaching the cylinders, condensation is prevented; thus low-grade fuel is burned efficiently.

Fuel Is Cleaned Before Entering Carburetor

A fuel filter is standard equipment. By means of this extra safeguard, all foreign matter is eliminated from the fuel before it is admitted to the carburetor.

Strong, Well-Balanced Construction

Sturdiness is built into every part of the engine to give maximum service in heavy-duty work. For example, the crankshaft is 3" in diameter. Only two main bearings are required. These are extra wide, 3¼", and only a short distance apart, 13½". There is no springing of the crankshaft under the heaviest loads.

The simple, heavy-duty engine in this General Purpose Wide-Tread Tractor meets all the requirements of balance, flexibility, and smooth, efficient operation.

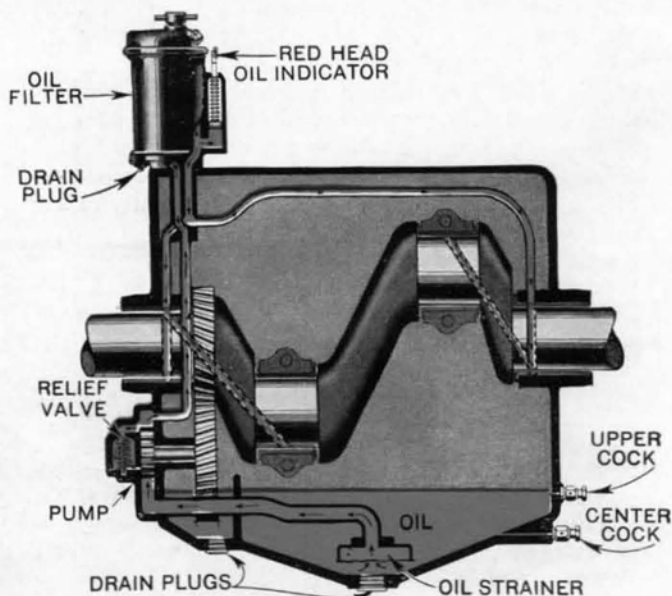
Enclosed Operating Parts Automatically Oiled

All of the important working parts on the John Deere General Purpose Wide-Tread Tractor are completely enclosed within a dust-proof case. (See Cross-Sectional View on Page 6.)

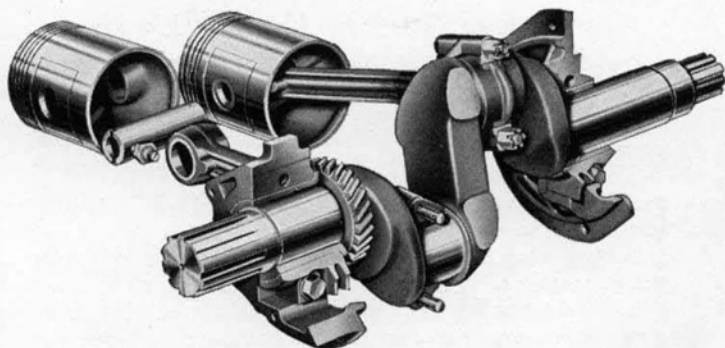
Oil reservoirs are provided in the case. Parts operating in oil carry oil to all other parts within the case, insuring thorough, automatic lubrication. It requires only a few minutes to get this tractor ready for use.

Full-Force-Feed-Pressure Lubrication System

The efficient oiling system in the John Deere is an important factor in maintaining the continuous full power supplied by the rugged engine with a minimum of wear and adjustment.



This shows the full pressure oiling system which thoroughly lubricates all parts of the engine. The gear-type pump forces oil through the drilled crankshaft to the main and connecting rod bearings through the drilled connecting rods to the wrist pin bearings. All other parts are lubricated by oil thrown from the connecting rod bearings.



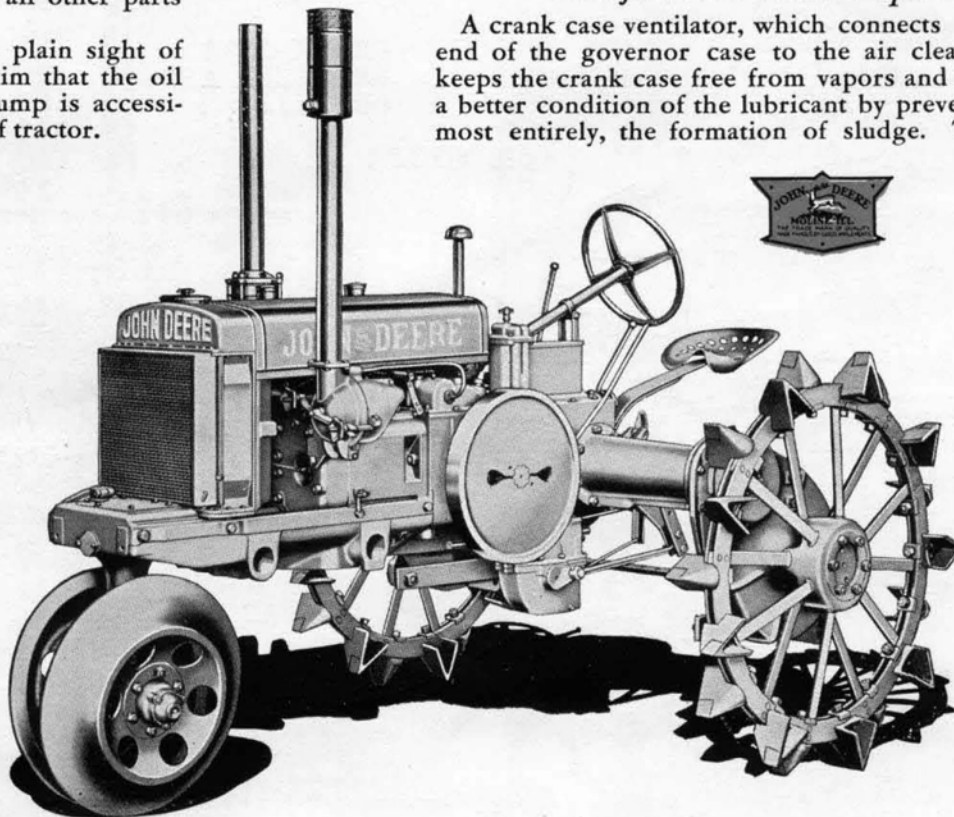
This shows the sturdiness of the crankshaft, bearings, connecting rods and pistons. Note the compact arrangement of main bearings; short distance between bearings; crankshaft is compact and rugged.

Oil is forced under pressure to the main bearings, to connecting rod bearings, to the piston pins through the connecting rods, and through an additional oil pipe to the governor housing for the lubrication of all governor parts. This oil pressure is sufficient to prevent metal-to-metal contact of the crankshaft with main or connecting rod bearings, and the piston pin with connecting rod.

Oil thrown from the connecting rod bearings thoroughly lubricates all other parts of the engine.

An oil indicator in plain sight of the operator shows him that the oil is circulating. Oil pump is accessible from the outside of tractor.

Showing Flywheel Side of John Deere General Purpose Wide-Tread Tractor. (Equipped with special skeleton type rear wheels and self-cleaning front wheels.)



Oil Filter

An oil filter of the latest design removes all foreign particles from the oil, insuring maximum lubricating quality. Special attention has been given to the design of this filter to make it quickly accessible and easy to clean.

Air Thoroughly Cleaned Before It Reaches Engine

Dust-laden air cannot reach the engine. Air is drawn in through air stack with opening high above the hood and then passes through the oil-soaked filter collar which thoroughly completes the job.

This filter collar is 6" in diameter and $5\frac{3}{4}$ " thick, giving ample capacity to insure thorough cleansing of all air that enters.

The importance of dust-free air upon the working life of the tractor cannot be over-emphasized, and the efficient, careful design of this feature is just another indication of the pains taken to insure long, economical service in farm work.

"Breather" and Ventilator Keep Crank Case Free from Dust and Vapors

A crank case ventilator, which connects from the end of the governor case to the air cleaner pipe, keeps the crank case free from vapors and maintains a better condition of the lubricant by preventing, almost entirely, the formation of sludge. This also

makes it possible to burn low-grade fuels more efficiently than ever.

This forced circulation of clean air through the crank case immediately removes all gases, resulting in a cleaner crank case and eliminating the possibility of damage to parts.

Improved Cooling System

The John Deere engine is water cooled by the simple thermo-siphon principle, using a tubular radiator. This provides heat control in the simplest, most effective way. This system does away with fan belt and water pump.

Radiator is mounted high above the cylinders, inducing a rapid circulation of water in the same manner that a high chimney gives good draft to a stove.

The cooling system has been improved to permit an even more rapid circulation of water than before. Adequate flow of water to all portions of the cylinder block and around valve parts is assured.

After starting, the cylinders warm up quickly before water circulation begins, and the right operating temperature is constantly maintained regardless of load or atmospheric conditions.

Gear-Driven Fan and Enclosed Governor

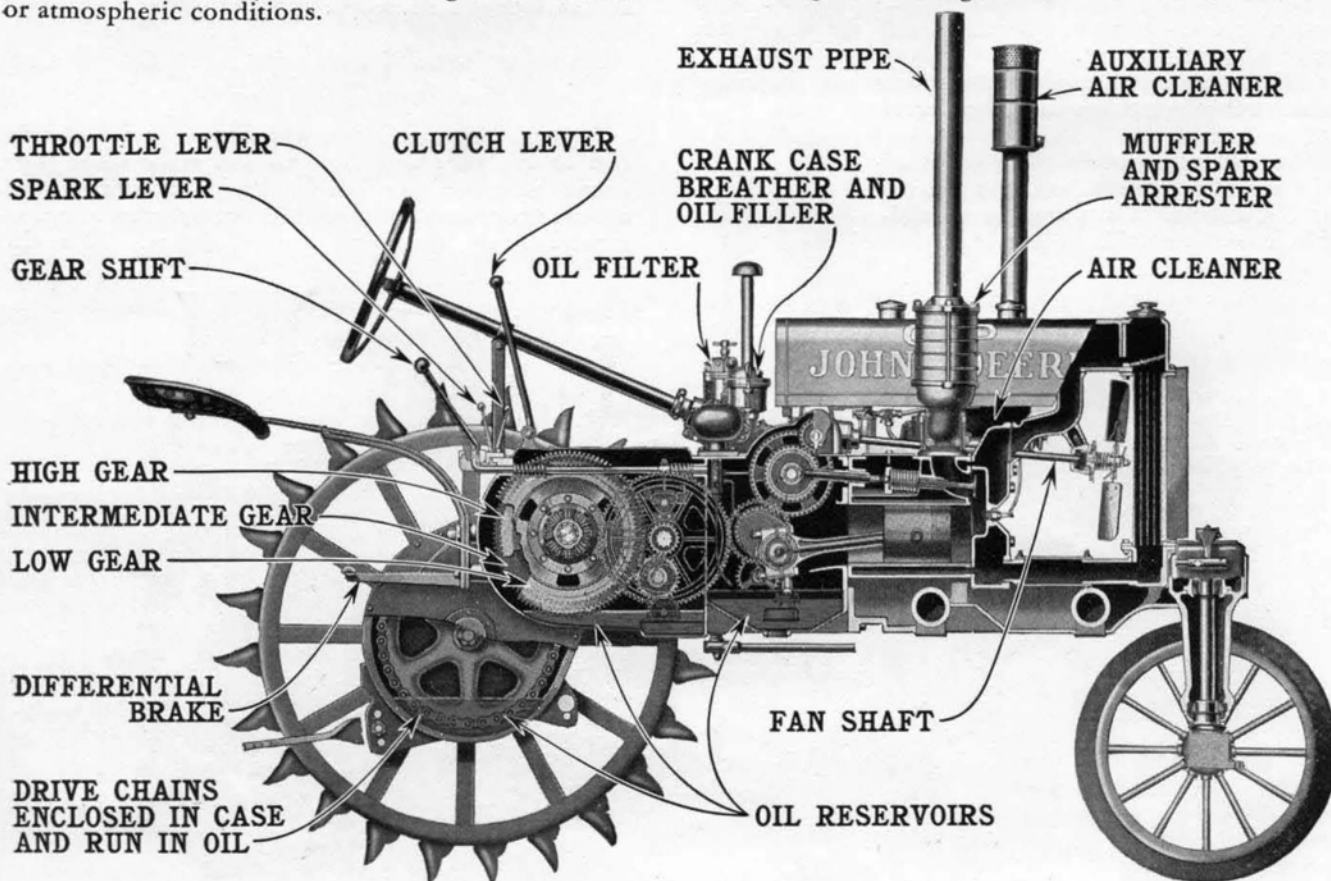
The illustration on page 4 shows the fan, fan shaft and governor with parts cut away to show bearing construction. The fan is positively driven through gears.

The improved governor on the John Deere is sensitive, steady in its action, and responds perfectly to varying loads.

A slip clutch on the fan prevents strain on parts when starting. The fan shaft and governor shaft are mounted on roller bearings. The governor, governor shaft and gears are completely enclosed and operate in oil. These parts require no attention except the front fan bearing which is oiled through a special fitting with the pressure grease gun.

Easy to Keep in Good Running Order

While all of the working parts are completely enclosed, they are easy to get at from a standing position, and all adjustments are easy to make on the farm. You won't need to hire a mechanic to keep the John Deere in good running order.



This cross-sectional view shows the simplicity of the John Deere General Purpose Wide-Tread Tractor. The parts shown in red, excepting front wheel bearings, are automatically oiled within the dust-proof case.

Easy to Steer

The steering device on the John Deere General Purpose is built for the kind of service you want—to insure easy, accurate steering for years to come.

The worm and gear in the steering device are made of steel, with machine-cut teeth, and are heat-treated and hardened. The thrust on the worm is carried on roller bearings. Each joint in the steering mechanism is provided with a take-up adjustment that can be quickly and easily made as objectionable wear develops.

The balls and the sockets at the ends of the steering arms are machined accurately, fit perfectly and are hardened to reduce wear. All joints are provided with fittings for pressure oiling and can be effectively lubricated with the grease gun furnished.

The front wheels are easily and permanently controlled through two hardened, forged steel gears enclosed in a dust-proof housing in the front pedestal. These gears operate constantly in a bath of oil.

Differential Brakes Permit Short Turns

The John Deere General Purpose is provided with a differential brake on each drive wheel, making it possible to turn within an 8-foot radius to either right or left. (See illustration above.)

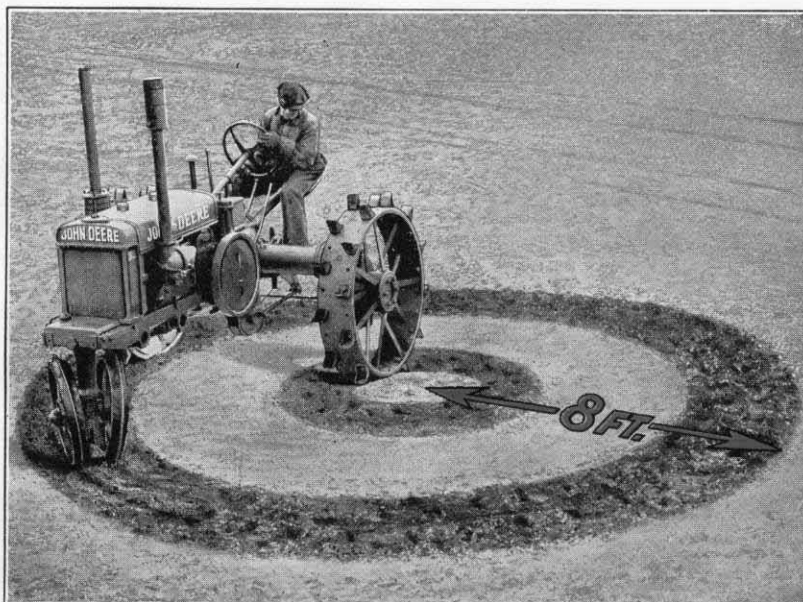
This feature is a big advantage particularly in planting, cultivating and mowing.

These brakes also serve in locking the drive wheels when operating belt machinery.

Power-Saving Transmission

Only two spur-gear reductions are used to transmit power to the double-roller chain final drive. Parallel shafts mounted on ball and roller bearings are held in permanent alignment by the rigid, one-piece case.

The location of the engine on the John Deere is such that the power from the engine to the double-roller-chain final drive is transmitted in a direct line through straight spur-gears. Loss of power through end-thrust, binding, or improper meshing of gears is entirely overcome. This construction makes possible simpler design—fewer friction-making parts. (See cross-sectional view, on opposite page.)



Differential brakes make it possible to turn within an 8-ft. radius, either to right or left.

Double-Roller-Chain Final Drive

The double-roller-chain final drive is another reason for the superior performance of the John Deere Tractor. The large number of teeth engaged reduces pressure and prevents wear. (See page 6.) The chain and drive wheel both pull forward; the slack side of the chain, running in oil, not only lubricates itself, but carries oil over the sprockets and lubricates other parts of the transmission; very little power is lost in the final drive.

This high-grade roller chain, made of hardened steel, has a breaking strength of 30,000 pounds, but in operation it is given a working load of only about 3,000 pounds. It will more than last the life of the tractor.

Roller and Ball Bearings

The purpose of good bearings is to reduce friction. The John Deere is fully equipped with roller and ball bearings. For example, the rear axles, the differential shafts, the spline shaft, the front wheels, the fan shaft, the governor shaft, the belt pulley, all are mounted on either roller or ball bearings. All bearings operate in oil and are fully protected from dust and dirt.

Weight of Tractor Properly Distributed

Careful attention has been given to the balance or weight placement of the John Deere General

Purpose Tractor. Good stability is assured under widely-varying operating conditions. In emergencies, where it is desired to utilize the full power of the tractor, this feature is especially appreciated.

Hand Operated, Dry Plate Clutch

The power of the engine is engaged by means of a dry plate clutch, which is easy to operate from the tractor seat or from the ground. The clutch can be so engaged as to pick up the maximum load gradually and positively. It locks in or out, not only making it safer, but requiring only one man to back the tractor up to machines when attaching to drawbar.

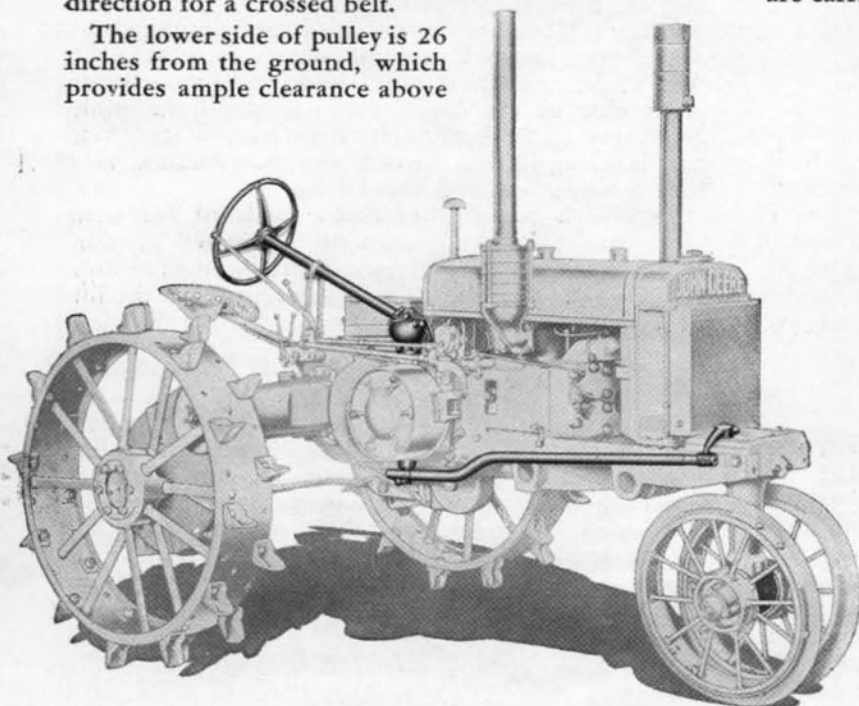
The clutch bands are inexpensive and are practically the only clutch parts that ever need replacing. These bands *float* in the clutch—they are not fastened with rivets—and therefore can be quickly and easily replaced.

In adjusting the clutch there are only three studs with nuts through which the adjustment is made. You can adjust the clutch from a standing position from the outside—a simple, quick, easy job.

Belt Pulley Mounted on Crankshaft

The pulley is a part of the engine. Mounted on the crankshaft, it delivers every available ounce of engine power to the belt. It is on the right side of the tractor in plain view of the operator, running in the right direction for a crossed belt.

The lower side of pulley is 26 inches from the ground, which provides ample clearance above



Every joint on the steering device is provided with a take-up. Quick, easy, accurate steering is made possible throughout the long life of the tractor.

the ground. The pulley can be left on the tractor regardless of the work that is being done.

Easy to Operate

Getting up on the comfortable seat you find all of the controls on tractor and the equipment within easy reach.

With the hand-operated clutch you have perfect control of the tractor's power, utilizing it at the speed desired for the job that is being done. It does not require an experienced operator to get highly satisfactory results with this outfit.

Three Forward Speeds, One Reverse

Three forward speeds, $2\frac{1}{4}$, 3 and 4 miles per hour, are provided to meet every operating condition.

Muffler and Radiator Guard and Curtain

A muffler is furnished as regular equipment on the John Deere. The tractor is now amazingly quiet. Every user will appreciate this added feature. This muffler also acts as a spark arrester. Its outlet is high above the engine so that all fumes from the motor are carried well up over the operator's head.

The muffler and the specially-designed radiator guard and curtain can be seen on the views of the tractor on pages 3 and 5.

The advantage of a radiator guard to prevent damage to the radiator fins and tubes from stalks, brush, and the like, is generally appreciated.

The radiator curtain is a valuable accessory in the controlling of engine temperature.

Wheel Equipment for Varying Soil Conditions

The illustration on page 3 shows the tractor equipped with solid-tired steel rear wheels with 4-inch spade lugs and steel front wheels. These wheels are regularly furnished and are recommended for all conditions. They will work satisfactorily in sandy, loose soil as well as in hard, tight soil.

The illustration on page 5 shows the tractor equipped with skeleton type rear wheels and self-cleaning front wheels. This type of wheel equipment is preferred in certain sections of the South where soil is firm and hard.

ONE-MAN, POWER-LIFTED WORKING EQUIPMENT DESIGNED FOR EXCLUSIVE USE WITH THE JOHN DEERE GENERAL PURPOSE WIDE-TREAD TRACTOR

ON the pages that follow, you will find illustrated and described the special two- and four-row working equipment built by John Deere for use with the General Purpose Wide-Tread Tractor. This equipment has been designed to fit your particular needs after years of experience and trial on Southern farms. As in the tractor, important improvements have been made in this equipment, resulting in greater strength and durability, better performance and better work.

One-Man Operated

When you purchase a General Purpose outfit, you take a big step toward solving your farm cost problem. All of the John Deere equipment is one-man-operated.

With the increased working speed this equipment makes available, you are in a much better

position to take advantage of good weather and field conditions.

Power Lift Does the Heavy Work

Driving the tractor is about all the work you do. To raise or lower the planter, lister or bedder beams or the cultivator rigs, it is only necessary to press a pedal. The John Deere power lift does the work.

The John Deere power lift operates whether tractor is in motion or standing still.

Forms Single Unit with Tractor

Below is given a list of the equipment built for use with the John Deere General Purpose Wide-Tread Tractor.

All of the equipment forms a single, compact unit with the tractor.

Choose Your Power Farming Equipment from This List

*(You'll Find Detailed Description of Each of the Cost-
Reducing Outfits Listed Below on the Pages that Follow)*

GP-421 POWER-LIFTED TWO-ROW BEDDER.
(Can be quickly and easily converted to GP-431 Three-Row, if desired, by addition of third beam attachment.)

GP-431 POWER-LIFTED THREE-ROW BEDDER.
(Can be converted into GP-421 Two-Row Bedder by removing center bedder beam.)

GP-401 POWER-LIFTED FOUR-ROW PLANTER
(for cotton, corn and a large variety of other row crops.) Used for planting in beds or furrows.

GP-201 POWER-LIFTED TWO-ROW LISTER AND PLANTER (for cotton, corn and a large variety of other row crops.)

GP-476 POWER-LIFTED FOUR-ROW PLANTER
(for cotton, corn and other row crops.) Especially adapted for planting in loose or sandy beds, and in flat land.

GP-276 POWER-LIFTED TWO-ROW PLANTER
(Same as GP-476 except that it plants two rows instead of four.)

GP-221 POWER-LIFTED TWO-ROW MIDDLE-BREAKER. (Can be converted to GP-201 Two-Row Lister and Planter or GP-276 Two-Row Planter, by addition of planter parts.)

GP-402 POWER-LIFTED FOUR-ROW CULTIVATOR (Three sweeps on each Rear rig.)

GP-402 POWER-LIFTED TWO-ROW CULTIVATOR. (Same as GP-402 4-Row Cultivator except that it cultivates two rows instead of four.)

GP-404 POWER-LIFTED FOUR-ROW CULTIVATOR. (Same as GP-402 Four-Row except that it has one large sweep on each rear rig instead of three sweeps.)

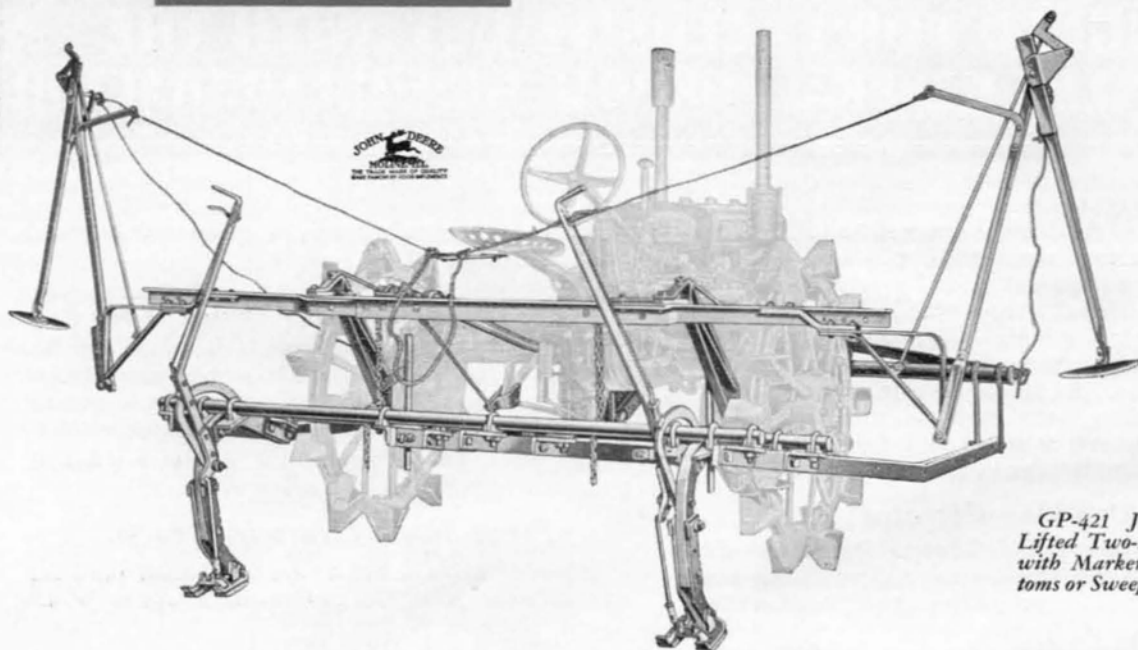
GP-202 POWER-LIFTED TWO-ROW LISTED CORN CULTIVATOR. (The cultivating mate to the GP-201 Two-Row Lister and Planter.)

JOHN DEERE FOUR-ROW POWER-DRIVEN, POWER-LIFTED STALK CUTTER.

JOHN DEERE TWO-ROW POWER-DRIVEN, POWER-LIFTED STALK CUTTER.

JOHN DEERE 7-FOOT POWER-DRIVEN MOWER.

BEDDING



GP-421 John Deere Power-Lifted Two-Row Bedder, shown with Markers but without Bottoms or Sweeps.

GP-421 Two-Row and GP-431 Three-Row Power-Lifted Bedders

THE GP-421 and GP-431 Bedders, illustrated and described on this and the following page, are designed for exclusive use with the John Deere General Purpose Wide-Tread Tractor for making beds and preparing the land for planting.

These bedders carry either regular middlebreaker bottoms or plow sweeps and when used as a two-row can be equipped with marker to use when new rows are to be established. The bottoms follow the tractor wheels, plowing out stalks and tractor wheel tracks.

Adjustable skids controlled from tractor seat regulate working depth, and the special cushion springs on draft frame insure against breakage in case hidden obstructions are met.

Power Lift Raises and Lowers Beams

The John Deere power lift is a time- and labor-saving feature that every owner of one of these out-

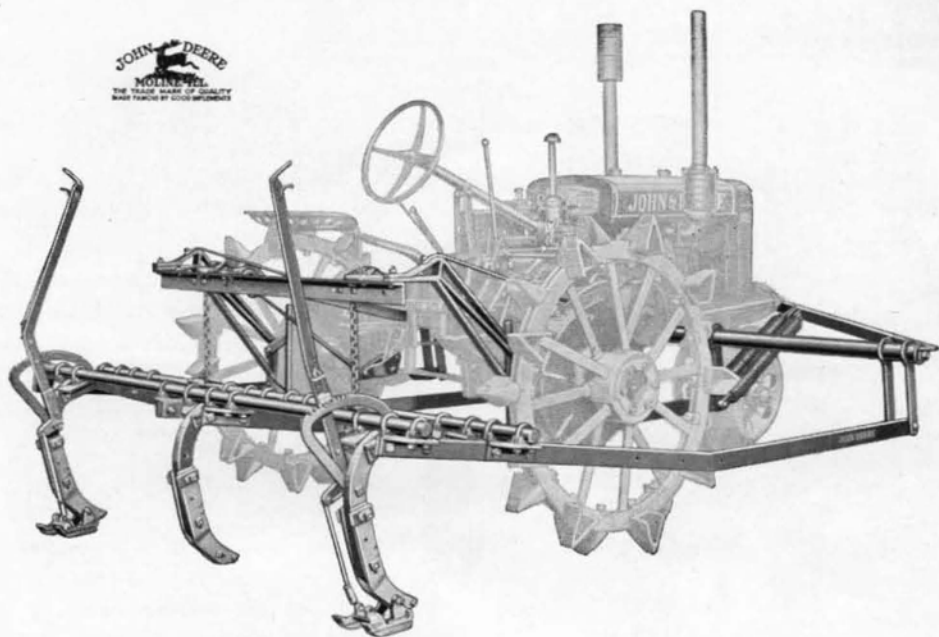
fits appreciates. A mere touch of the foot raises or lowers the beams—the tractor-operated power lift does the work, operating whether tractor is in motion or standing still.

GP-421 Two-Row Bedder

The GP-421 Two-Row Bedder, shown above, can be set with beams wide apart or with beams adjacent. When used as a wide bedder, the bottoms cut out the wheel tracks, and it is not necessary for tractor wheels to run on fresh, half-completed beds. For relisting or bursting out middles it is necessary that beams be set adjacent.

Bedder is easy to attach; forms a compact unit with the tractor.





BEDDING

GP-431 John Deere Power-Lifted Three-Row Bedder, shown without Bottoms or Sweeps.

GP-421 Two-Row and GP-431 Three-Row Power-Lifted Bedders

The GP-431 Bedder, shown above, is made by adding a third beam attachment to the GP-421 Bedder.

The owner of this bedder, therefore, has a combination two-row, wide beam bedder, two-row adjacent beam bedder or middlebreaker, and a three-row bedder. This three-row feature of the GP-431 Bedder is especially desirable when cleaning out the

middles after the land has been bedded. Particularly is this an advantage in black-land sections where the weeds begin to grow before cotton is planted.

Both the GP-421 and GP-431 Bedders are regularly equipped with shanks to accommodate middlebreaker bottoms, but if it is desired to use plow sweeps, special plow sweep shanks can be provided.

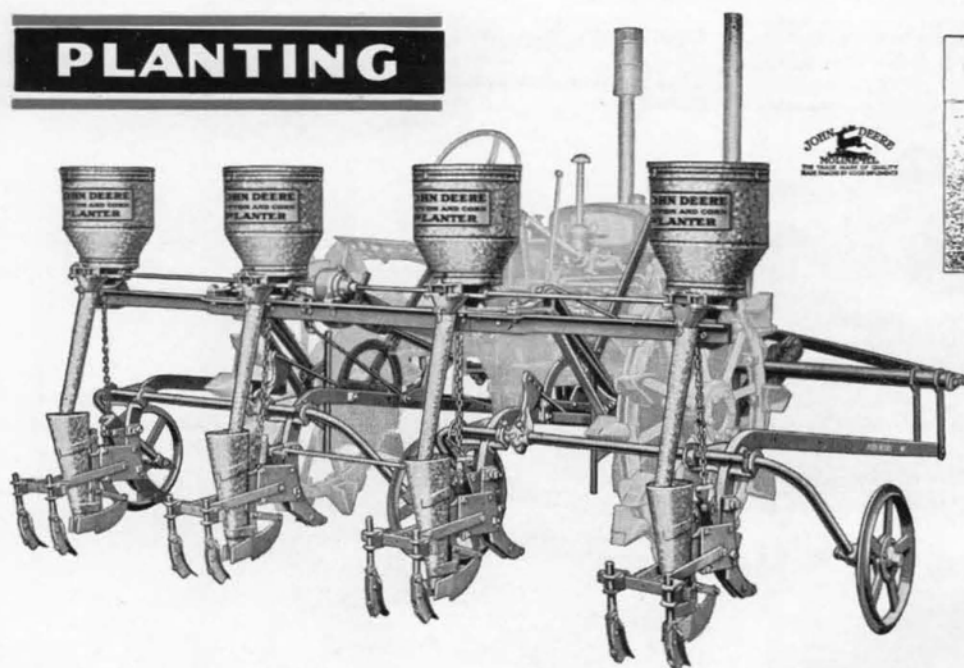
THESE BEDDERS CONVERTIBLE INTO 4-ROW PLANTER

These bedders are built so that planter parts, including hoppers, gears, beams and coverers, can be furnished to make a complete 4-row tractor planter. In other words, you can buy a GP-421 or GP-431 Bedder, and later on, by purchasing the planter parts, have a complete GP-401 or GP-476 Four-Row Planter, as illustrated and described on the following pages.

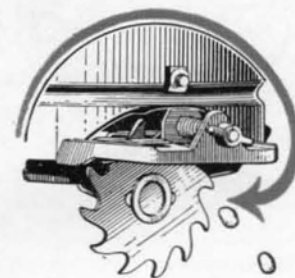
More Acres a Day—

- Better Work
- Easier Work
- Less Help

PLANTING



Rear view, GP-401 Power-Lifted, Four-Row Cotton and Corn Planter.



Showing how the seed is released by the John Deere Saw-Tooth Type Steel Picker Wheel.

Handles wet cotton successfully. This is a big advantage where the cotton seed is treated or soaked before planting to aid germination.

GP-401 John Deere Power-Lifted Four-Row Tractor Cotton and Corn Planter

THE illustration above shows the GP-401 Four-Row Tractor Cotton and Corn Planter attached to the John Deere General Purpose Wide-Tread Tractor. Notice that this equipment forms a single unit with the tractor. The operator sits on the tractor seat with tractor and planter controls within easy reach.

Power Lift Raises and Lowers Beams

The planter beams and furrow openers are raised and lowered by a

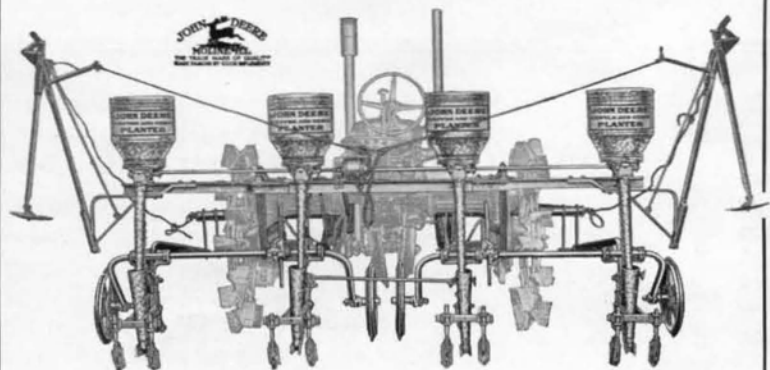
mere touch of the foot. The power lift does this work for you, saving labor and saving time. This makes a strictly one-man outfit, simple and easy to operate. The planting mechanism is power-driven and automatically shuts off when beams are raised.

35 to 45 Acres a Day

One man can plant from 35 to 45 acres a day planting in rows 36" or 38" apart, in furrows or in beds.

In planting cotton, the John Deere Saw-Tooth Type Steel Picker Wheel drops a single seed at a time, or more, if desired, in any quantity per acre. Lint and trash are

MARKERS



GP-401 Four-Row Cotton and Corn Planter, equipped with markers, which can be furnished if wanted.

MIDDLE-BREAKING

picked out with the seed; none is allowed to accumulate in the hopper. Quantity of seed to be sown per acre is regulated by simply turning one thumb nut.

The famous John Deere Natural Drop Seed Plates, famous throughout the Corn Belt for their accuracy, can be furnished for planting any kind of corn, beans, peas, shelled peanuts, feterita, milo maize, broom corn, kaffir corn, and other seeds.

By means of the gears in gear case of planter and the three speeds of tractor, it is possible to secure nine different drilling distances with each seed plate. Pea attachment can be furnished which will drill peas or beans alternately with corn.

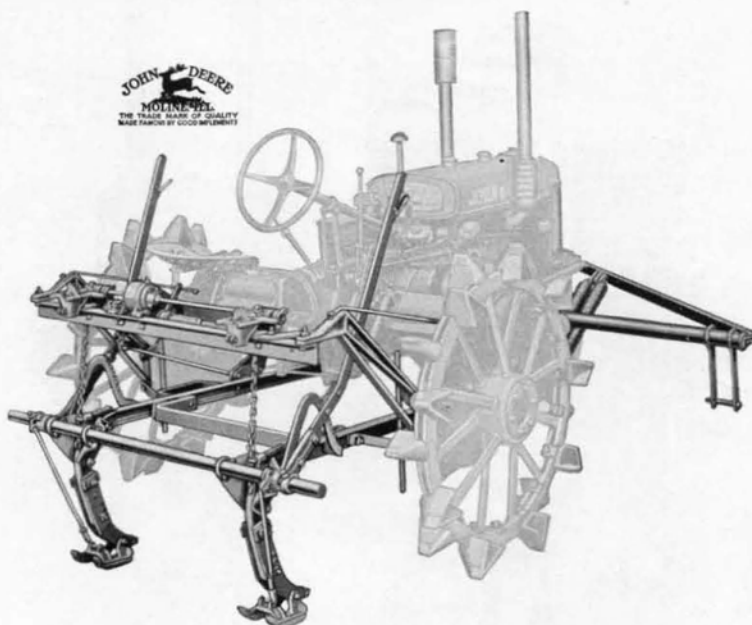
The depth of planting can be changed from the tractor seat. Individual gauge wheels and sweeps for each beam insure uniform depth of planting.

Cushion Springs Prevent Breakage

Cushion springs on draft frame take up shock and protect against breakage when hidden obstructions are met in the field.

Markers

Double disk markers can be furnished for the GP-401 Planter. (See illustration on preceding



Two-Row Middlebreaker Attachment for GP-401, GP-476, and GP-276 Planters. Here it is shown equipped with adjustable skids for regulating depth. When desired, gauge wheels can be furnished in place of skids.

page.) These markers can be operated from the tractor seat.

Middlebreaker Attachment

A two-row middlebreaker attachment can be furnished for the GP-401 Four-Row Planter. (See illustration above).

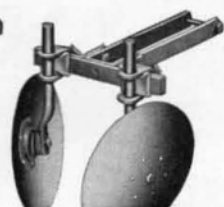
COVERING EQUIPMENT FOR GP-401 AND GP-201 Planters



Friction Trip Shovels



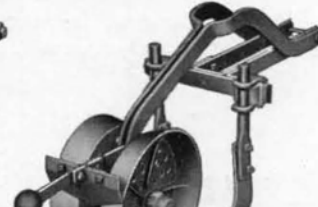
Spring Trip Shovels



Disk Covers

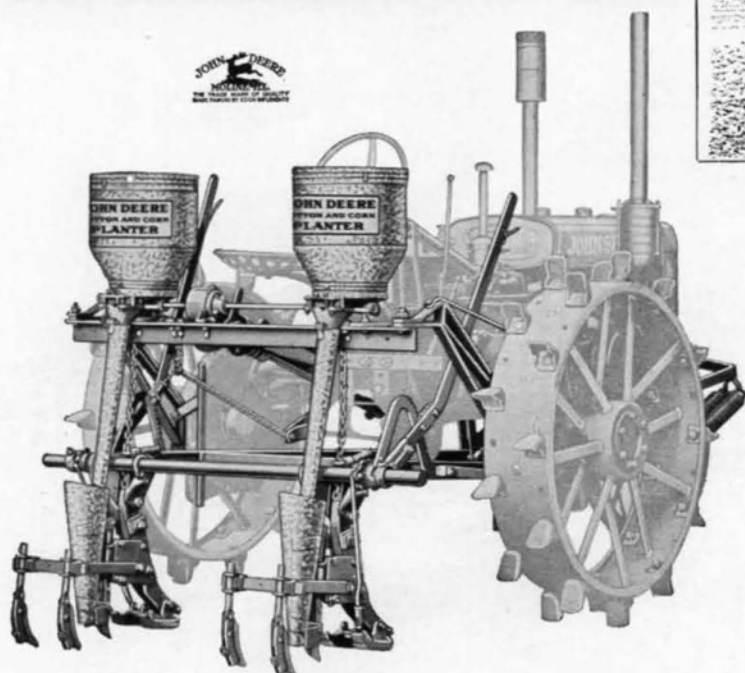


Sword Covers



Press Wheel Attachment

LISTING-PLANTING



GP-201 John Deere Power-Lifted Two-Row Lister and Planter—a trim, durable outfit that is meeting the needs on Southern farms.

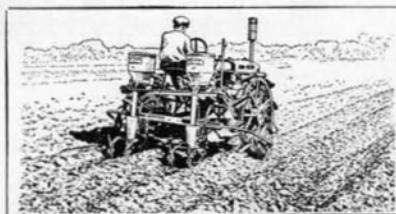
GP-201 John Deere Two-Row Power-Lifted Cotton and Corn Lister and Planter

LIKE other equipment built for the General Purpose Wide-Tread Tractor, this listing and planting equipment forms a single unit with the tractor and is strictly a one-man outfit.

It is operated in the same manner as the GP-401 and GP-476 planters, having the same power lift features and the power-driven mechanism.

Wide Range of Depth Adjustment

This lister and planter has a wide range of depth adjustment. The depth of each bottom is regulated by adjustable skids controlled from the tractor seat. This gives instant and positive control of bottoms at all times. If gauge wheels are wanted in place of skids, they can be furnished.



Serves Many Purposes

This equipment can be effectively used for plowing up stalks of cotton, maize, or kaffir corn. It is very

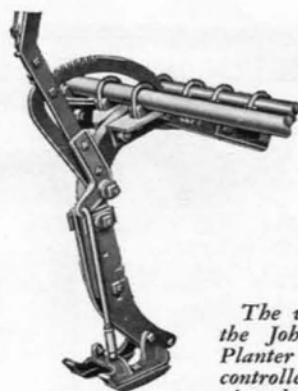
easy to hold on the row, it turns around quickly; in fact, it is the handiest outfit ever built for listing, relisting and for planting.

This lister and planter is adjustable for planting rows 36" or 38" apart. By means of the gears in gear case of planter and the three speeds of tractor, it is possible to secure nine different drilling distances with each seed plate.

Plants All Kinds of Row Crops

The famous John Deere Natural Drop Seed Plates, famous throughout the corn belt for their accuracy, can be furnished for planting any kind of corn, shelled peanuts, feterita, milo maize, broom corn and similar seed, and for beans and peas. Has the famous John Deere Saw-Tooth Type Steel Picker Wheel for planting cotton. Pea attachment can be furnished which will drill peas or beans alternately with the corn.

This machine, like the GP-401 Four-Row outfit, has cushion springs to prevent breakage in rough, stumpy, rooty or stony land. Can be furnished with any of a large variety of covering devices. (See illustration, bottom page 13).



Double disk markers, similar to those shown with Four-Row Planter on page 12, can be furnished.

ADJUSTABLE SKID

The working depth of each bottom on the John Deere Two-Row Lister and Planter is regulated by adjustable skids controlled from the tractor seat. This view shows a close-up of one of the skids.

MIDDLE-BREAKING

GP-221 John Deere Power-Lifted Middlebreaker

THIS machine is the same as the GP-201 Two-Row Power Lift Cotton and Corn Lister and Planter, previously described, except that the planting parts are left off.

This machine is designed to meet the demands of the farmer who wants only a machine for making beds. When planting time comes, the owner can, by an additional investment, convert the GP-221 Middlebreaker into either a GP-201 or a GP-276 Two-Row Planter as described on page 14 and page 17.

Plow sweep shanks can be furnished as extras.

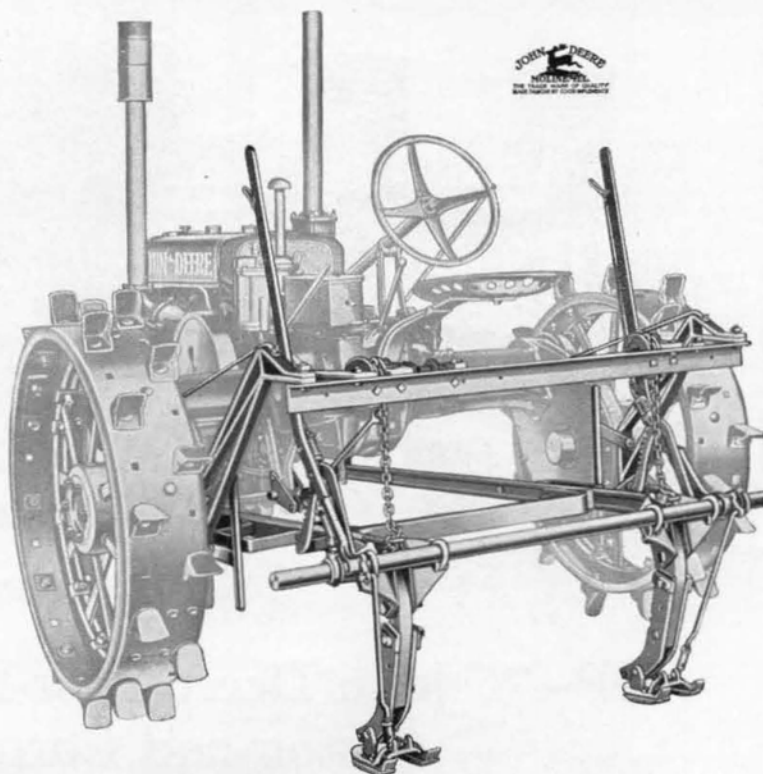
Likes the Power Lift

Gentlemen:

It gives me pleasure to say that I am absolutely satisfied with my John Deere General Purpose Wide-Tread Tractor. I found that it did everything you claimed for it. It has plenty of power and is easy to operate.

The power lift is the greatest labor-saving device I ever saw and it responds to every touch of your foot.

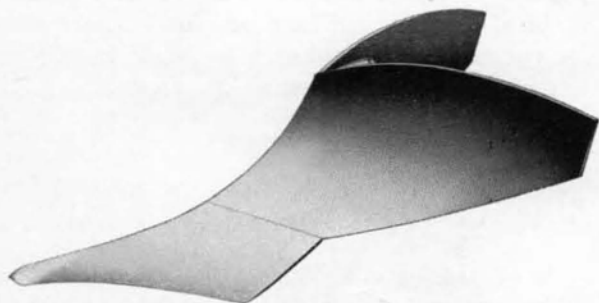
(Signed) D. B. GLOVER
Route 3, Pine Bluff, Ark.



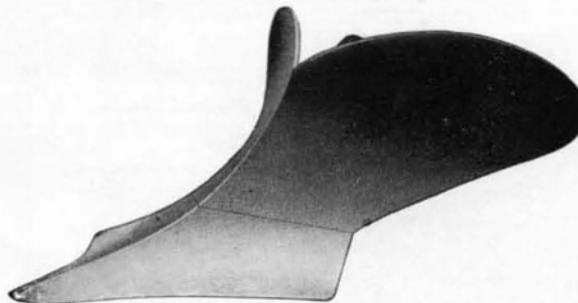
Rear view, GP-221 John Deere Power-Lifted Two-Row Middlebreaker. This outfit can be converted into a GP-201 or GP-276 Two-Row Planter by adding the planter parts.

BOTTOM EQUIPMENT

For Use with John Deere Tractor Listers and Planters

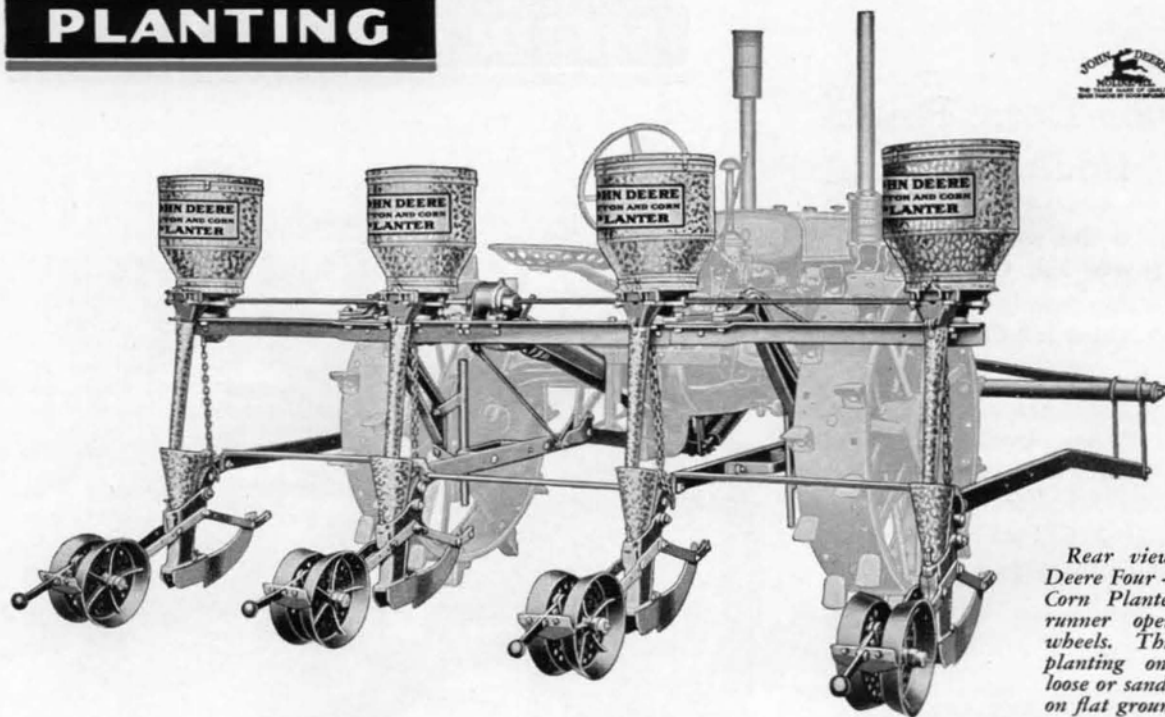


John Deere Lister Bottom
(Black-Land Type)



John Deere Lister Bottom
(Mixed-Land Type)

PLANTING



Rear view, GP-476 John Deere Four - Row Cotton and Corn Planter. Note large runner openers and press wheels. This outfit is for planting on freshly made, loose or sandy beds as well as on flat ground.

GP-476 John Deere Four-Row Power-Lifted Cotton and Corn Planter

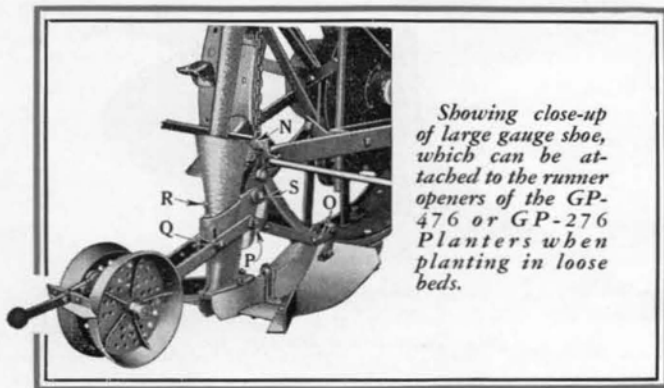
THE GP-476 Four-Row Tractor Planter is similar to the GP-401 Planter, previously described, except that it is equipped with large runner openers and press wheels in place of sweeps, small runners, covering shovels and gauge wheels. The GP-476 Planter is made for planting on flat ground as well as on freshly made loose or sandy beds.

Gauge Shoes for Loose Bed Planting

When used for planting on loose beds, large gauge shoes are used, as shown in the illustration at the left, and the press wheels are allowed to float. These gauge shoes not only regulate the depth of planting, but they also pack the top of the loose beds, making an ideal seed bed. When used for flat land planting the gauge shoes are not used, as the depth of planting is then regulated by locking the press wheels in the desired position.

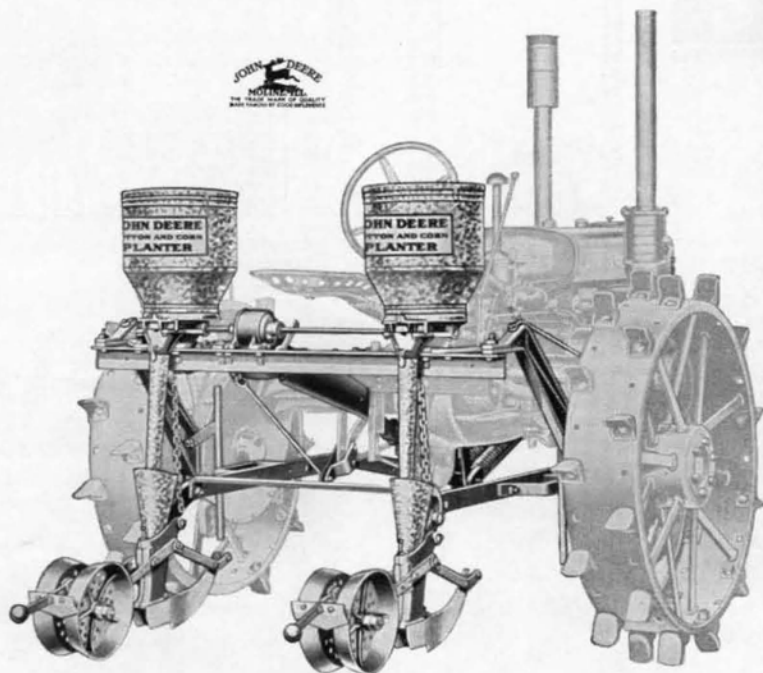
Power Lift Raises and Lowers Beams

As on the GP-401 Planter, the beams and furrow openers are raised and lowered by a mere touch of the foot. The power lift does the work for you, saving labor and saving time. The planting mechanism is



Showing close-up of large gauge shoe, which can be attached to the runner openers of the GP-476 or GP-276 Planters when planting in loose beds.

PLANTING



Rear view, GP-276 Two-Row Power-Lifted Cotton and Corn Planter.

Gentlemen:

Up to date, my John Deere Wide-Tread has performed in keeping with the representation made by your concern, and there is no doubt in my mind but that it is the most economical power unit any farmer could invest his money in. I do not hesitate to recommend the John Deere to any of my neighbors and friends.

W. P. DOBBINS,
Millington, Tenn.

power-driven and automatically shuts off when beams are raised.

Can Be Furnished in Two-Row Size

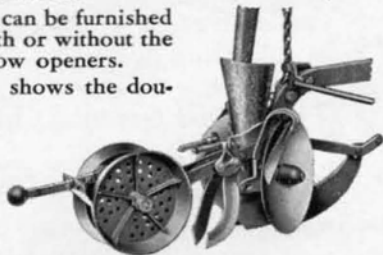
The GP-476 type of Four-Row Planter can be furnished as a two-row outfit, which is designated as the GP-276 Planter. The GP-276 is made like the GP-476 except that it is for two rows instead of four.

DOUBLE-DISK FURROW OPENERS AND KNIFE COVERERS

Double-Disk Furrow Openers can be furnished for both the GP-476 Planter and the GP-276 Planter in the 10-, 11- or 14-inch sizes.

Knife coverers can be furnished for use either with or without the double-disk furrow openers.

View at right shows the double-disk openers and knife coverers.



Middlebreaker Attachment

The owner of a GP-476 Four-Row or GP-276 Two-Row Planter can quickly convert either one of these outfits into an efficient two-row middlebreaker by ordering a Middlebreaker Attachment as shown on page 13.

Gauge wheels can be furnished in place of the skids if desired.

Double Disk Furrowing Attachment and Knife Coverers

Double-disk furrowing attachment can be furnished, having 10-, 11- or 14-inch disks. Spring pressure knife coverers can also be furnished. These knife coverers can be used either with or without the double-disk furrow openers. (See illustration at left.)

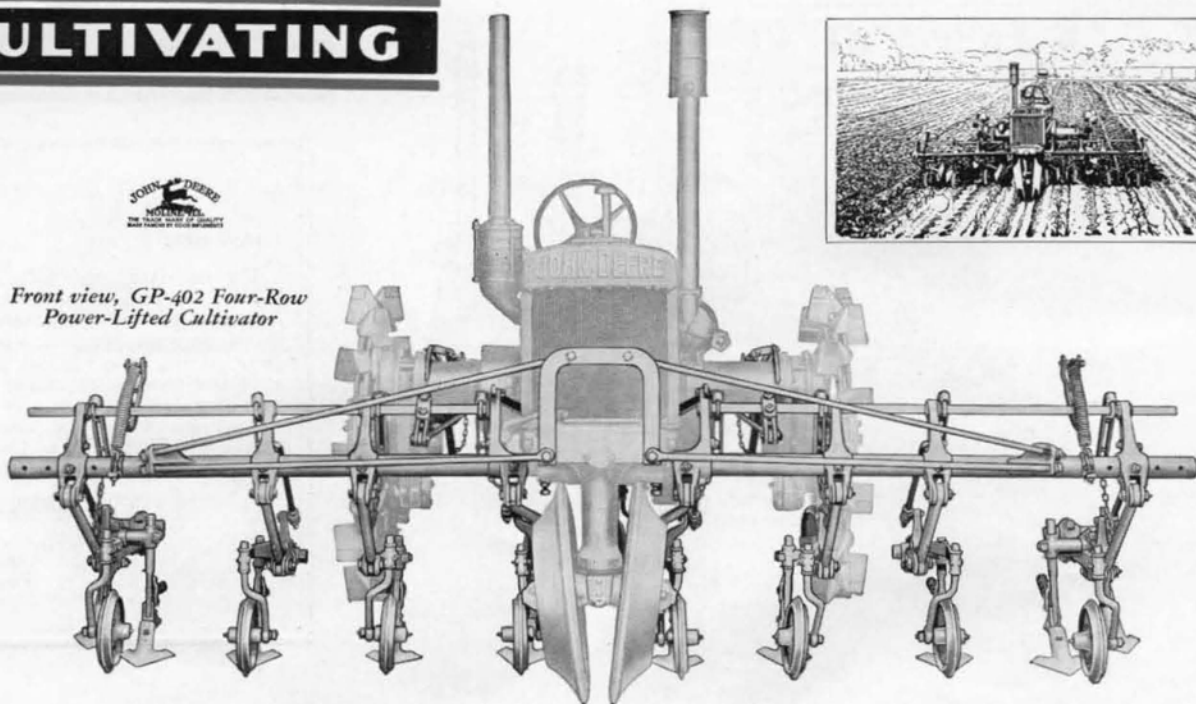
Markers for GP-476 and GP-276 Planters

Double-disk markers, similar to those shown with the Four-Row Planter on page 12 can be furnished for either the GP-476 or GP-276 planters. These markers can be operated from tractor seat.

CULTIVATING



Front view, GP-402 Four-Row Power-Lifted Cultivator



John Deere GP-402 Power-Lifted Four-Row Tractor Cultivator

THIS is the cultivator equipment that replaces the Four-Row Planter when the crop is ready for cultivation.

Power Lift Raises and Lowers Rigs

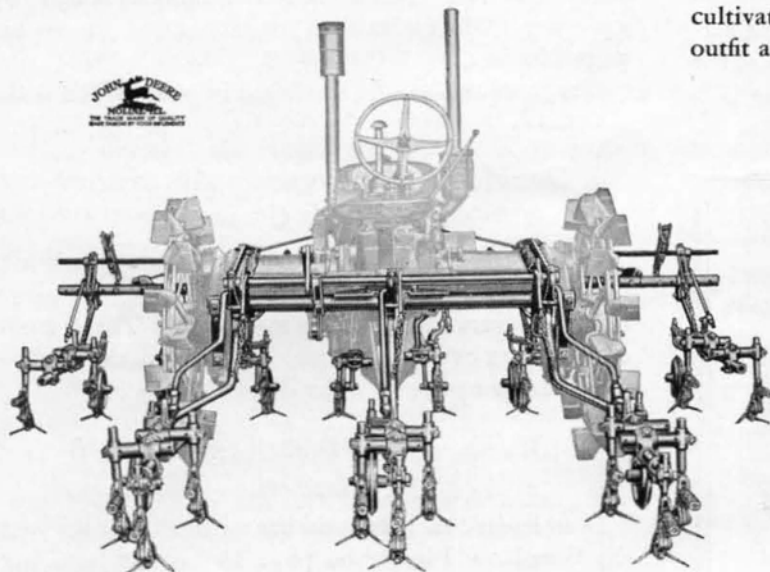
The power lift raises and lowers cultivator rigs—no levers to operate. Saves work and speeds up the cultivation job because it is never necessary to stop outfit at the ends of rows.

Depth of Cultivation Accurately Controlled

The depth of cultivating is accurately and automatically controlled by individual gauge wheels. These gauge wheels also give this four-row cultivating outfit perfect flexibility. They allow the rigs to follow the uneven condition of the ground, insuring even depth of cultivation.

All Ground Cultivated

Don't forget—all the ground between the rows is cultivated—even the tractor wheel tracks are cultivated out. You can cultivate your crop during all stages of growth from the first cultivation clear through to the last.



Rear View, GP-402 Four-Row Power-Lifted Tractor Cultivator. Note the Three Sweeps on Each of the Rear Rigs.

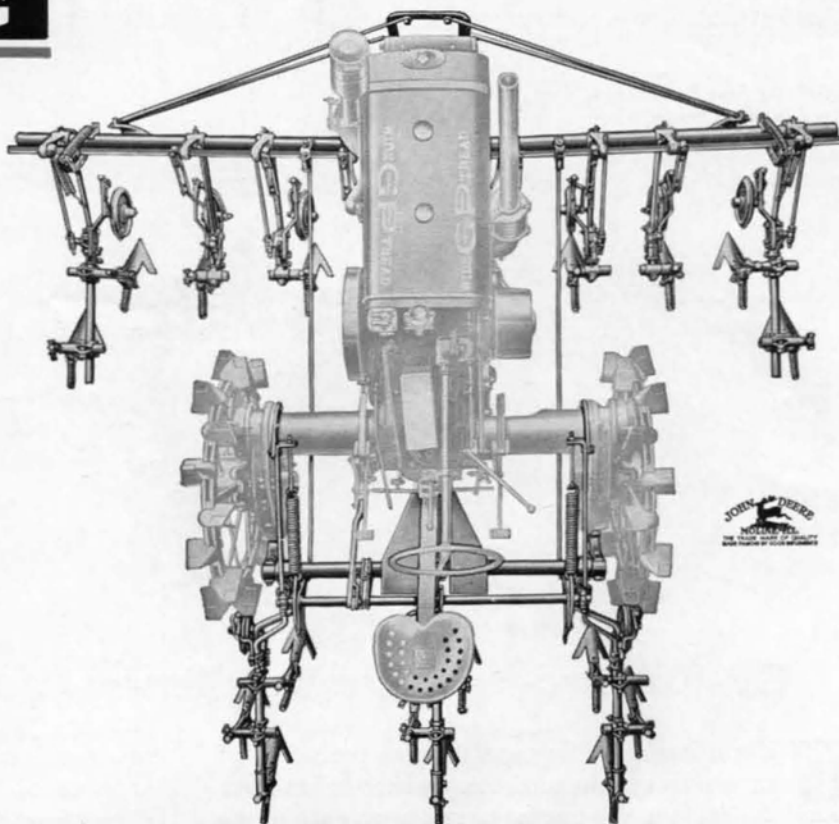
CULTIVATING

The rigs are raised off the ground by the power lift and the outfit can be backed up. Because of the differential brakes, the outfit can be turned short. Either sweeps or shovels can be used.

Can Be Furnished as Two-Row Outfit

This cultivator can be furnished in the two-row size, if desired.

It has the same operating advantages as the Four-Row Cultivator illustrated and described on the previous page, including power lift for raising and lowering cultivator rigs. With this two-row outfit you can cultivate rows spaced 36, 38, 40 and 42 inches apart. (See illustration below.)



Overhead View GP-402 Four-Row Power-Lifted Tractor Cultivator. Note how the cultivating equipment forms a compact unit with the tractor.

Cuts Costs in Half

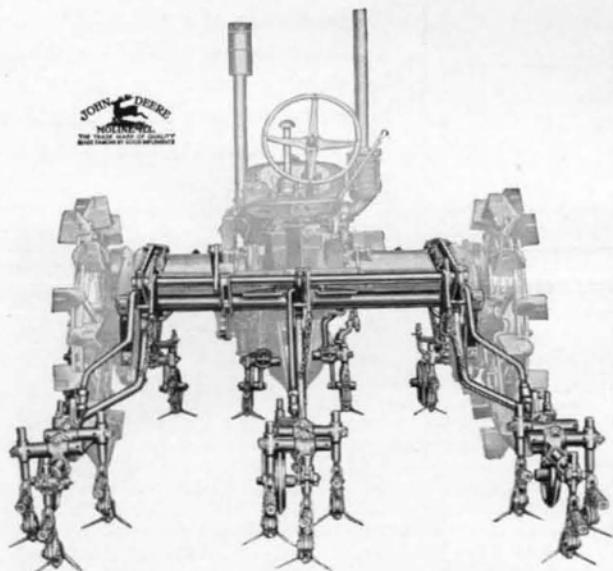
Gentlemen:

I have had, as you know, a John Deere General Purpose Wide-Tread Tractor with four-row equipment this past year.

I have cultivated 240 acres and my expense has been less than one-half what like work with teams would have been.

The service rendered me by the John Deere Plow Co. has been far beyond my expectations.

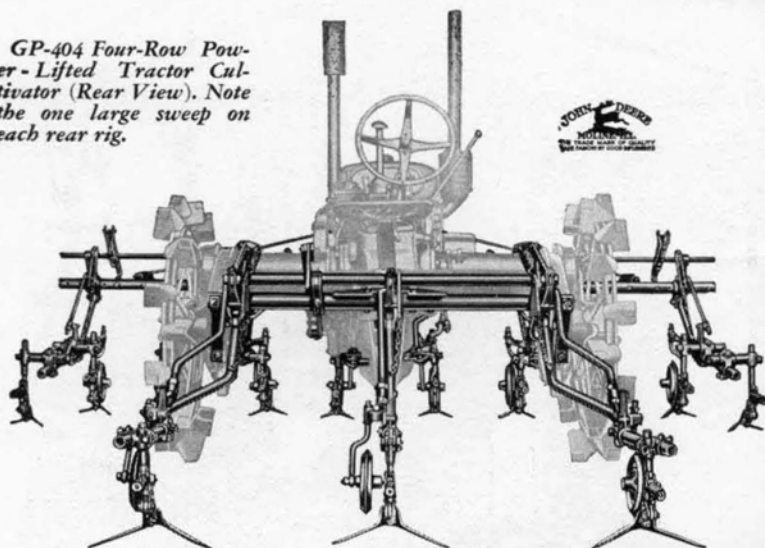
(Signed) W. S. Baxter
Winters, Texas.



Rear View GP-402 Two-Row Power-Lifted Tractor Cultivator. Has all of the Operating Features of the Four-Row, Including Power Lift. Will Cultivate Rows Spaced 36, 38, 40 or 42 inches apart.



GP-404 Four-Row Power-Lifted Tractor Cultivator (Rear View). Note the one large sweep on each rear rig.



CULTIVATE *Four Rows at a Time* Do It BETTER

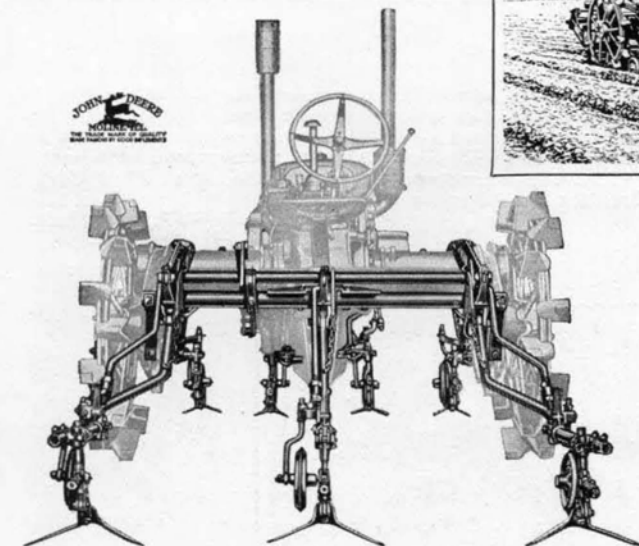
GP-404 Two- and Four-Row Power-Lifted Tractor Cultivator

THIS cultivator is designed to meet the needs of farmers in certain territories where it has been found desirable to use one large sweep on each of the

rear rigs instead of the three sweeps on each rear rig as used on the GP-402 cultivator. The GP-404 differs from the GP-402 in this one respect only.



The owner of a GP-402 cultivator can make a GP-404 cultivator by putting on three short rear pipes, which can be furnished, in place of the regular long rear pipes.



GP-404 Two-Row Power-Lifted Tractor Cultivator (Rear View).

October 20, 1930

Gentlemen:

I bought a John Deere General Purpose Wide-Tread Tractor last October.

Last Spring I plowed 140 acres, disked 350 acres, planted (with 4-row planter) 300 acres, cultivated 237 acres, all cotton. Made a good crop, my tractor is in good shape and ready to go now.

My cost of production is approximately 5c per pound less than my cost of producing cotton with mules on similar land. The cost of upkeep has been no greater than the cost of keeping two mules.

(Signed) H. R. Hunter,
Keo, Arkansas.

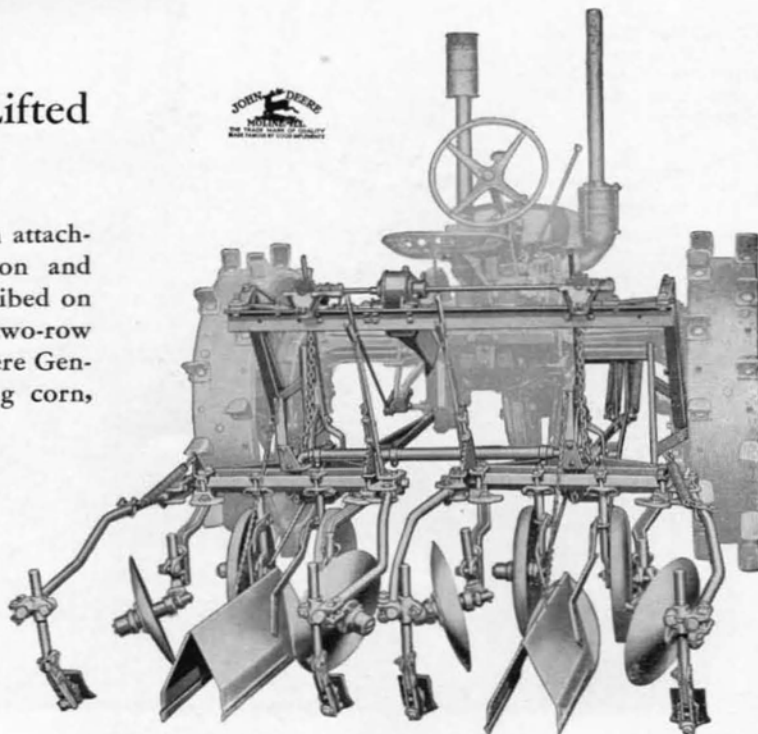
LISTED CULTIVATING

GP-202 Two-Row Power-Lifted Listed Corn Cultivator

THIS cultivator, shown at the right, is an attachment for the GP-201 Two-Row Cotton and Corn Lister and Planter illustrated and described on page 14. It provides a successful, low-cost, two-row cultivator for the farmer who uses a John Deere General Purpose Wide-Tread Tractor for listing corn, cotton, or other row crops.

This cultivator is very easy to attach; simple and easy to operate. Power lift on tractor raises or lowers gangs as on all other John Deere tractor cultivators.

Twenty to thirty acres per day is the capacity you can get with this listed corn cultivator. A variety of equipment can be furnished.



Rear View, GP-202 Two-Row Power-Lifted Listed Corn Cultivator. This outfit is an attachment for GP-201 Cotton and Corn Lister and Planter shown on Page 14. Equipment can be furnished to fit your needs.



Doing good work with the GP-402 Two-Row Cultivating Outfit.

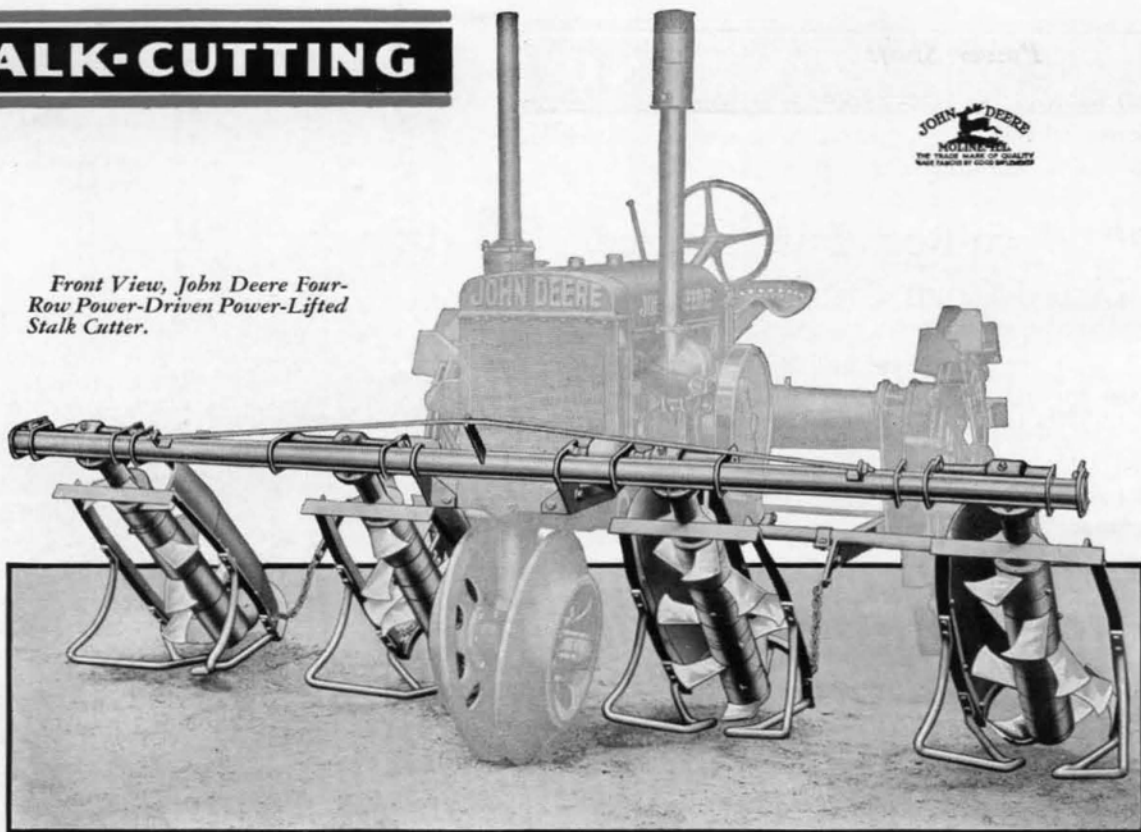


The Two-Row Cultivating Outfit for Listed Crops in the Field.

STALK-CUTTING



Front View, John Deere Four-Row Power-Driven Power-Lifted Stalk Cutter.



John Deere Power-Driven Stalk Cutter

*—Two- and Four-Row—for Use with the
John Deere General Purpose Wide-Tread Tractor*

THE John Deere Power-Driven Stalk Cutter meets the demand for a stalk cutter that will cut both cotton and cornstalks, and that will do good work even when the ground is wet and soft.

Mounted on the John Deere General Purpose Wide-Tread Tractor, it will cut either two or four rows, according to the size used. It cuts the stalks into short lengths, averaging about eight inches.

The 4-row cutter will cut from 40 to 45 acres per day in rows spaced 38 inches apart. The 2-row will cut from 20 to 23 acres per day.

One-Man, Power-Lifted Outfits

The cutter heads are raised and lowered by means of the power lift, operated by a mere touch of the foot. Both the two- and four-row machines are one-man outfits.

Strong Cutter Heads

The strongly built cutting units are set at an angle of approximately 40°. Each shaft carries five pairs of knives which revolve at 520 R. P. M. when at work.

Cutting knives are made of specially hardened steel and are heat-treated. The knives can be very easily detached from shafts when it becomes necessary to grind them.



Power Shaft

The power to drive the cutter heads is transmitted from the power take-off of the tractor by means of a power shaft and a main shaft extending across the front of the tractor. In heavy corn or cotton, if congestion should occur, the forward speed of the tractor can be reduced by shifting gears, while the speed of the cutting mechanism is maintained.

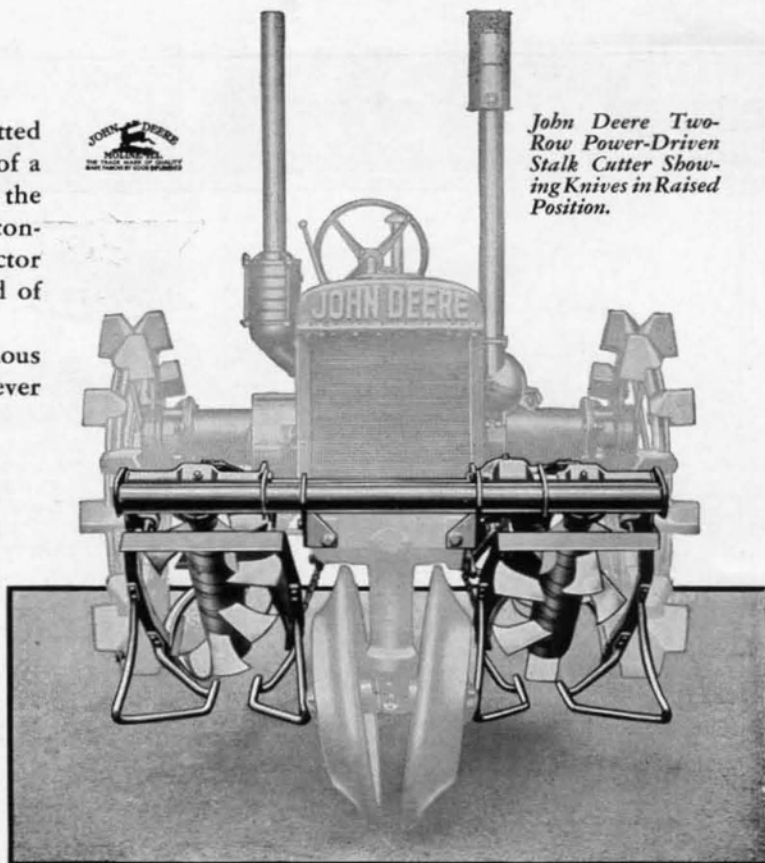
This power-driven feature results in fast, continuous work. Loose wet ground does not interfere wherever the tractor can run.

Gentlemen:

I have a John Deere General Purpose Wide-Tread Tractor and two-row equipment that I have farmed with in 1930. This is more than a tractor. It is a real farming unit.

My full expense has been far less than with teams. Service has been more than satisfactory.

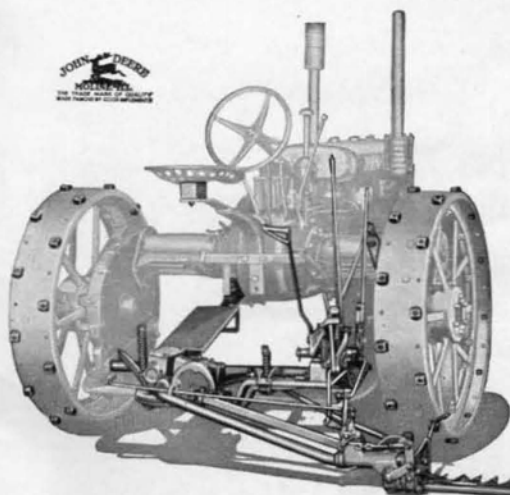
I. D. Rogers
Winters, Texas.



John Deere Two-Row Power-Driven Stalk Cutter Showing Knives in Raised Position.

Power-Driven Mower Attachment for John Deere General Purpose Wide-Tread Tractor

(Cuts a 7-foot Swath)



John Deere General Purpose Wide-Tread Tractor with Power-Driven Mower.

THE big capacity and outstanding performance that characterize the other attachments for the John Deere General Purpose Wide-Tread Tractor are built into this power-driven mower. Traveling at a speed of from three to four miles per hour, one man with this outfit can cut from 25 to 30 acres a day.

The tractor supplies the power for operating the sickle through the power take-off. The gear speed at which the tractor travels has no effect on the speed of the knife, which is controlled by the R. P. M. of the engine. You will appreciate this advantage in heavy, down, or tangled hay, because the speed of travel can be reduced without affecting the speed of the knife—clogging is reduced to a minimum.

Bar is raised by either foot- or hand-lift.



MOWING

SPECIFICATIONS



HORSE POWER. Suitable for two 14" plows, 22" thresher or John Deere 24" Thresher, 2 or 4 row planter or cultivator in 36" or 38" rows, 2 bottom lister or bedder.

SPEED. Low, $2\frac{1}{4}$; intermediate, 3; high, $4\frac{1}{8}$; reverse, $1\frac{3}{4}$ M.P.H.

MOTOR. 6" bore, 6" stroke, 950 R.P.M. 2 cylinder "L" head type horizontal.

CRANKSHAFT. 3" diameter drop forged long bearings.

CONNECTING ROD. Drop forged, two bolt type.

LUBRICATION. Force-feed, geared pump.

CARBURETOR. Double nozzle type with air choke.

AIR CLEANER. Oil filter type with vertical air stack.

IGNITION. High-tension magneto, with enclosed impulse starter.

COOLING. Tubular radiator, thermo-siphon.

AIR FAN. Gear driven, no belts.

GOVERNOR. Enclosed, flyball type.

CLUTCH. 10" dry disks, locking in and out.

BELT PULLEY. 13" diameter x $6\frac{1}{2}$ " face, 950 R.P.M.

BELT SPEED. 3200 feet per minute.

TRANSMISSION. Spur gear, selective type, 3 speeds forward, 1 speed reverse.

GEARS. Forged steel cut teeth and heat treated.

FINAL DRIVE. Enclosed roller chains.

DRIVE AXLE. $2\frac{1}{2}$ " diameter high carbon steel.

DRIVE WHEELS. 44" diameter x 10".

FRONT WHEELS. 24" x 4" steel.

BEARINGS.

Main: $3\frac{1}{4}$ " long, removable bronze back babbitt lined.

Connecting Rod. $2\frac{3}{4}$ " long, removable bronze back, babbitt lined.

Front Wheels and Rear Axles. Tapered roller (8); front bolster tapered roller (2).

Transmission and Belt Pulley. Roller (1), ball (4), tapered roller (2).

Fan and Governor Shaft. Taper roller (4), ball thrust (1).

FUEL.

Distillate or Kerosene. Tank capacity 16 gallons.

Gasoline. Tank capacity 2 gallons.

WATER CAPACITY. 9 gallons.

LENGTH. Overall. $117\frac{1}{2}$ inches.

WIDTH. $85\frac{1}{2}$ inches.

HEIGHT. 58 inches at radiator cap.

TURNING RADIUS. 8 feet.

DRAWBAR HEIGHT. Adjustable vertical $5\frac{1}{2}$ ", horizontal 36".

DRAWBAR CLEARANCE IN HIGH POSITION. 12".

WHEEL BASE. $78\frac{5}{16}$ ".

REAR WHEEL TREAD. 76" (Center to center)

POWER TAKE OFF. For front or rear connections, rotates clockwise, 520 R.P.M. Separate gear shift.

JOHN DEERE GENERAL PURPOSE WIDE-TREAD TRACTOR

