

THOMAS

Single Disc Drill



Made By

FAMOUS
Ohio

The Ohio Cultivator Co.

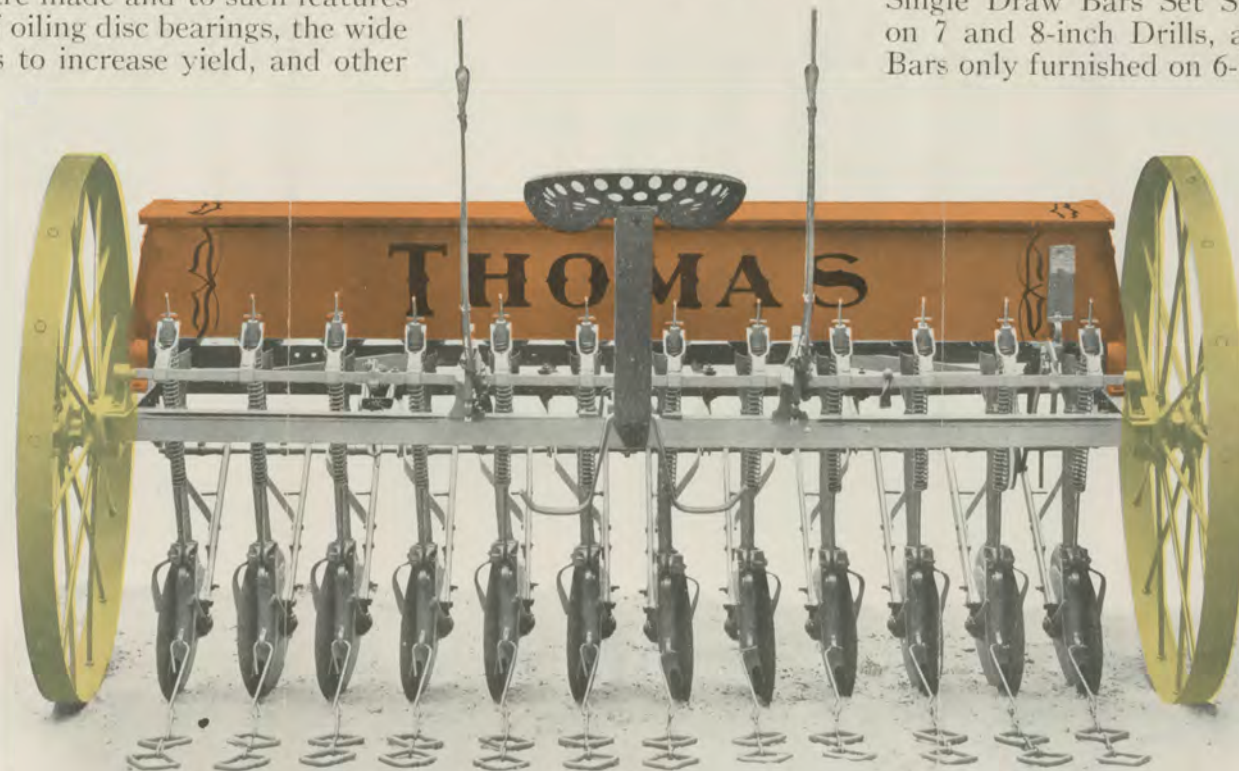
BELLEVUE, OHIO, U. S. A.

The THOMAS Single Disc Plain Drill

THE construction and advantages of Thomas Single Disc Drills are carefully explained on the inside pages of this folder. Your attention is especially directed to the care with which these drills are made and to such features as the patented self oiling disc bearings, the wide furrow which helps to increase yield, and other features.

This is an illustration of a 12-7 Plain Single Disc Drill, Single Draw Bars, Ribbon Tubes — Discs Set Straight Rank, Steel Wheels, Seat Attachment, Double Levers. Seat attachment or full length riding board are extras, and carry a modest additional charge.

SIZES—8, 10, 12 and 16 discs, in rows 8 inches apart.
10, 11, 12 14, 16, 18 and 20 discs, in rows 7 inches apart.
12, 14, 16, 18, 20, 22 and 24 discs, in rows 6 inches apart.
Single Draw Bars Set Straight or Zigzag, on 7 and 8-inch Drills, as desired. Zigzag Bars only furnished on 6-inch Drills.



All
Disc Drills
Furnished
With
or Without
Grass Seeder,
Seat,
Riding Board,
Press Wheels,
Gang Press
Attachment,
Power Lift
Tractor Hitch

THOMAS Single Disc Drills

FRAME. Made of extra strong, high carbon steel angles with reinforced corners. No bends, straps or rivets used — no danger of sagging, twisting or bending. The foundation of the frame is a welded rectangular steel tube, securely bolted at each end to the side angles and directly connected by the pole to the front angle; this forms a very substantial and strong brace.

DRIVING POWER. This is furnished direct from the cold rolled steel axle through ratchets in both wheels, which are alike. Axle is carried in long pivoted pipe boxes.

UNIVERSAL FEED CUPS. They are double run, and by use of reducers are adapted to sow all kinds of seed from alfalfa to beans and corn. The seed is carried on the inside of the feed wheel flanges to the point of delivery and will flow evenly without bunching, clogging or skipping.

CHANGING QUANTITY. The universal feed cups are operated by a single speed gear mounted on the axle. Changes range from 2 to 8 pecks of wheat, 4 to 16 pecks of oats, 5 to 16 pecks of barley, etc. The entire drill is automatically thrown out of gear when discs are raised either by the hand lever or power lift mechanism. Independent means are provided to throw out of gear either grain, fertilizer or grass seed.

DRAW BARS. All Single Disc Drills are furnished with single draw bars of high carbon steel with side braces of the same material. On drills spaced 8 and 7 inches apart discs are set straight rank regularly, but may be "Zig-zag" if desired. On drills spaced 6 inches apart discs are set "Zig-zag" always. Draw Bars are attached to the boots above center line of the discs, providing correct draft and giving greater clearance for trash. Spacing sleeves with set screws make it easy to keep discs properly spaced, so furrows are always an even distance apart.

POWER LIFT. This is a real necessity on Tractor-drawn drills (operated from the tractor) and a desirable addition to horse-drawn drills (operated from the ground, the seat or riding board). One light pull of the rope raises, another pull lowers the discs gently. No shock to strain or break any parts. This

is especially desirable when "spotting" shocks, avoiding the hard labor of continually raising and lowering the discs, by hand.

DISCS AND DISC BEARINGS. Discs are 14 inches in diameter, carried on our patented chilled self oiling bearings which are 2½ inches long and 1½ inches in diameter. See sectional cut. Oil once for 60 to 100 acres.

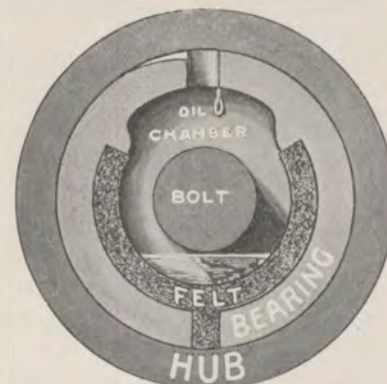
DISC BOOTS. Our tubular single disc boot will positively prevent choking or clogging in any kind of soil. It will always deposit the seed in the furrow and cover perfectly. Trash, grass or mud cannot prevent this. See special cuts describing the difference between Thomas and other types.

PRESSURE. This is applied direct to rear of boot by oil tempered coil springs on round edged pressure bars. The springs will not buckle.

HOPPER LIDS. The lids of both grain and fertilizer hoppers open forward. The grain lid when open forms a tight joint with the hopper so the grain cannot drop through and be wasted.

FERTILIZER FEED. We use the finger feed regularly. It always does the work well. Marks feed furnished when desired at same price.

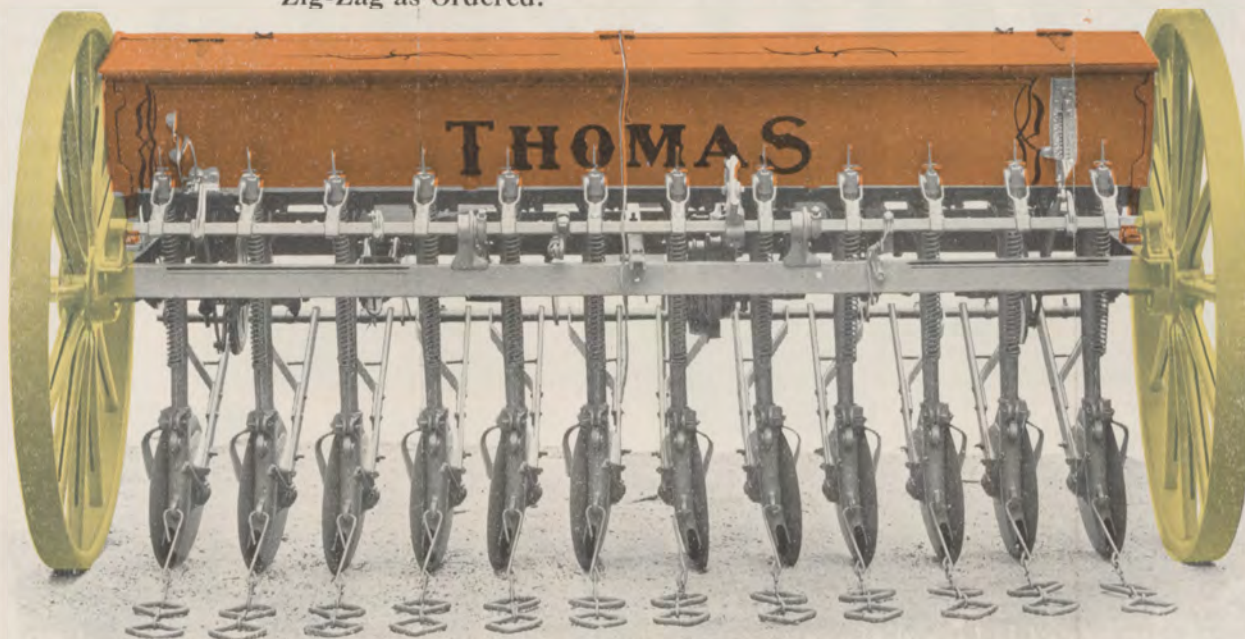
FERTILIZER SPEED MECHANISM. We change quantity by a single speed gear mounted on the axle. This consists of a speed wheel with concentric rings of crescent woven web shaped openings, with a pinion of ball projections case hardened. The speed gear is of special hard metal and will not break or wear out. It is positively the most powerful speed device used on any drill.



Sectional view of the patented chilled, self oiling bearings showing oil reservoir

The "THOMAS" Fertilizer Single Disc Drill—Finger Feed Marks Feed Furnished, When Desired, At Same Price

SIZES — 6, 8, 10 and 12 discs, in rows 8 inches apart. 9, 10, 11, 12 and 14 discs, in rows 7 inches apart. **Single Draw Bars, Set Straight or Zig-Zag as Ordered.**



All
Disc Drills
Furnished
With
or Without
Grass Seeder,
Seat,
Riding Board,
Press Wheels,
Gang Press
Attachment,
Power Lift
Tractor Hitch

This cut shows a 12-7 Fertilizer, Single Disc Drill with Single Draw Bars, Rubber Tubes, Discs Set Straight Rank, Wood Wheels, Single Power Lift, Tractor Hitch. The Power Lift is a desirable device for horse-drawn Drills a necessity for Tractor-drawn Drills. Let us tell you more about it.

The reason why —

THOMAS Single Disc Drills

Grow from 2 to 5 bushels more Wheat per acre than any other disc drill

WIDE FURROWS MADE BY "THOMAS" DRILLS

OUR discs and tube boots make a wide furrow, as shown in illustration below ($1\frac{3}{4}$ inches wide). The seed is scattered all over this wide furrow, and every grain given a chance to stool out and grow. So there are more and better stalks, producing more grain.



WEDGE-SHAPED FURROWS MADE BY OTHER DRILLS

Other makes of single disc drills make a wedge-shaped furrow as shown in illustration below. The grain all runs down to the bottom of this furrow, piles up together, and does not get the same good chance to grow as when the seed is scattered over the wide furrow made by the "Thomas" Drill and thoroughly covered over.

