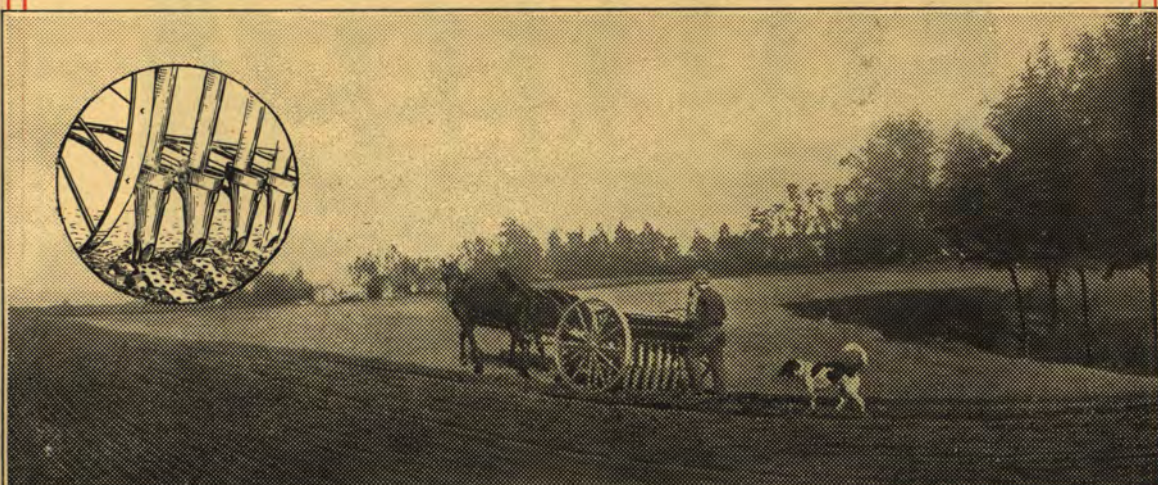
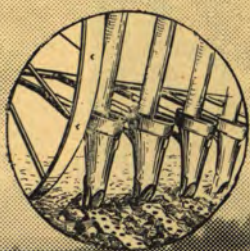




WHY A WIDE BOTTOM FURROW

Grain when sown begins to absorb moisture from the soil. It begins to germinate and send out tiny rootlets to absorb moisture and nourishment. These rootlets grow longer and larger as the demand of the stalk increases.

When the time arrives for the stem to "stool out" there should be a well developed root system. The better this root system, the more the grain will "stool", the better the stand and consequently the higher the yield.

In order to assist in the formation of the best possible root system, it is necessary to place each seed as far apart as possible and yet get the required amount of grain sown on each acre. Therefore, a wide bottom furrow of sufficient depth to insure complete coverage becomes necessary.

In the wide bottom furrow, the grains are placed farther apart and consequently develop better root systems, guard against drought, insure better stooling, more uniform stand, and therefore, higher yield per acre.

The Farquhar Grain Drill is so constructed as to hold the boot at such an angle so that the Farquhar shovel or opener may produce a wide bottom furrow with complete coverage. Study illustration above.

Positive Force Grain Feed



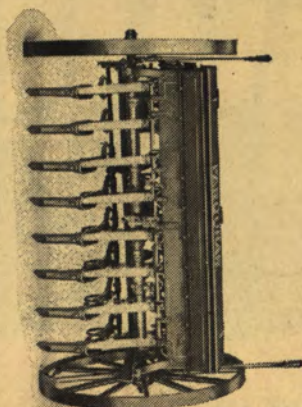
GRAIN FEED—OPEN

Sows All
Kinds of
Grain
with
Absolute
Regularity



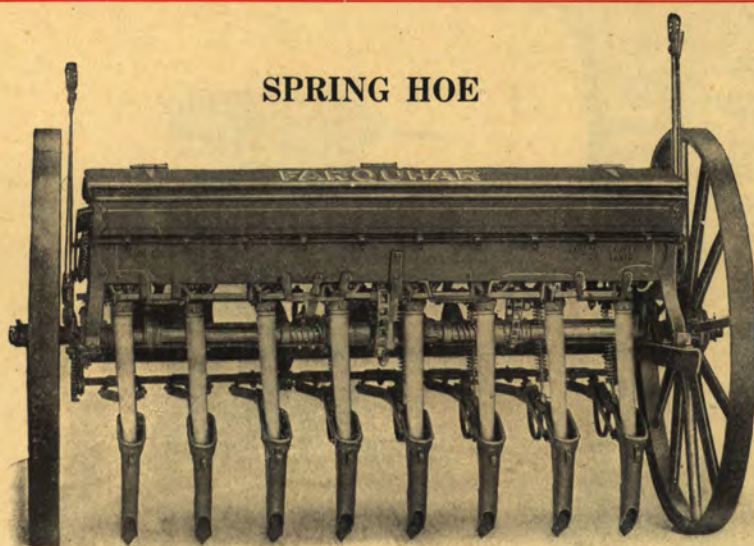
GRAIN FEED—CLOSED

A.B. FARQUHAR CO. LIMITED
YORK, PA.
Engines - Sawmills - Threshers



SEED YOUR GRAIN
WITH A
FARQUHAR
GRAIN DRILL

SPRING HOE



FARQUHAR GRAIN DRILL

The FARQUHAR is the original and only really Low-Down grain drill. Wheels are of standard size, both hoppers are large and perfectly balanced yet hang remarkably low. Easy for driver to follow the drill track. Sows all kinds of grains evenly and regularly and makes the "wide bottom" furrow.

Built with spring or pin hoe shovels or single disc openers. Shovels on both spring and pin hoe are reversible. Sizes: 8 tubes up to 12 tubes, spaced 7 and 8 inches apart. Complete with Grain and Fertilizer hoppers and Grass Seed Sower.

The grain feeds are of the fluted type. The grooved or fluted wheels carry the grain out of the reservoir beneath the hopper thus making a positive, forced feed and insuring an even flow of grain up hill or down or on hillside. Sloping metal bottoms between the feeds empty the hopper and prevent any feed running empty on hillside because of all grain running to the lower end of the hopper. Quantity per acre regulated by lever.

Fertilizer feed is accurate. The square bed plate forms the bottom of the hopper. The feed wheel is crowned and covered by the star wheel or wheel with fingers or teeth which crush the lumps. Both wheels revolve and carry the fertilizer around to the scraper which turns the fertilizer into the feed opening. This construction makes a perfect carrier and absolute forced feed. The quantity of fertilizer sown per acre is regulated by

opening or closing the gate valves which are controlled by a lever. An agitator moves the entire length of the hopper and prevents bridging of the fertilizer.

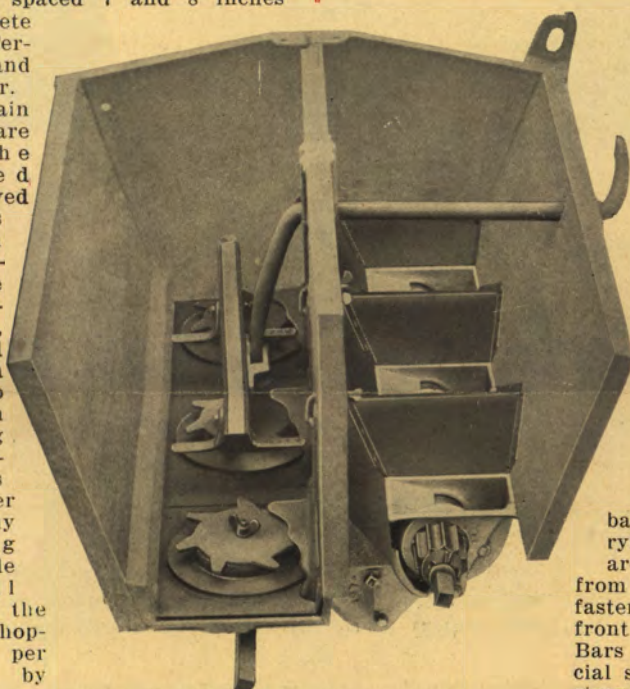
The feeds of the grass seed **Grass Seeder** sower are similar to the grain feeds. The grass seed sower may be attached to sow seed in front or back of shovels. Easily regulated to sow from two to sixteen quarts per acre.

The solid, **Frame** one-piece frame is made of steel angle. It is suspended underneath the cold rolled steel axle. This makes the Low Down construction without reducing the height of the wheels or the capacity of the hoppers. The hopper is carefully balanced on the frame thus insuring light draft and removing practically all the weight from horses' necks.

Drag **Openers** bars carrying the openers are hung by a rod from a shaft securely fastened under the front of the frame. Bars are made of special steel and combine strength and rigidity. Pressure spring fits over each rod and holds the openers in the ground to the de-

sired depth. These pressure springs are easily adjusted by means of the lifting lever and supporting quadrant.

Farquhar Grain Drills maintain regular action by being chain driven throughout. Either wheel drives the machine. No shutting off in going around obstructions or sifting when turning. The FARQUHAR is a very unusual grain drill giving uninterrupted service for many years



Section of Hopper
Showing Fertilizer and Grain Feeds

SINGLE DISC OPENER

