



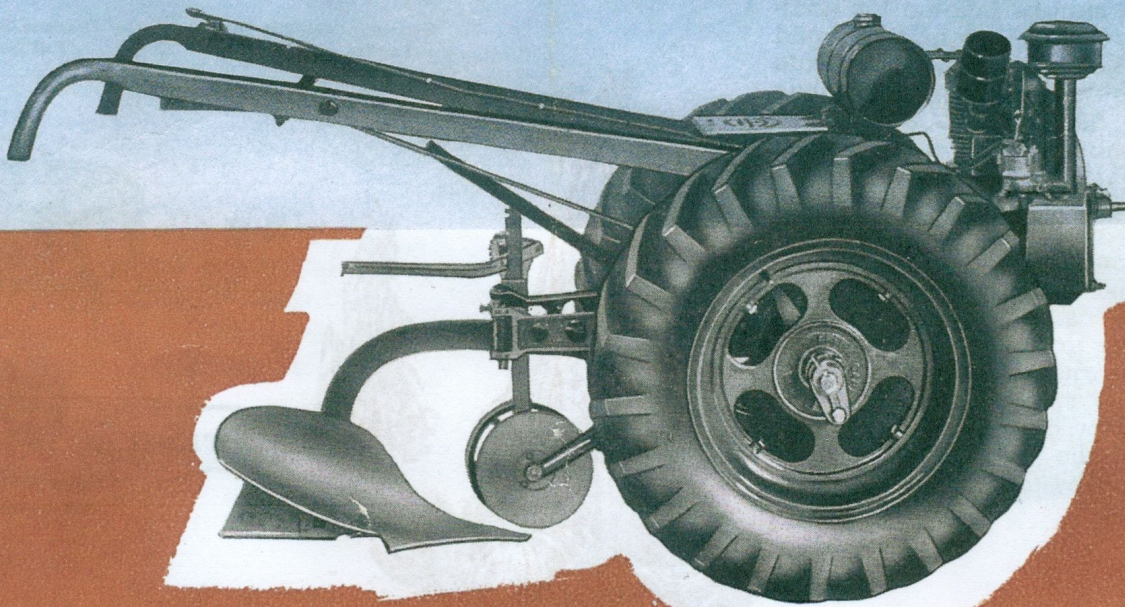
EMPIRE GARDEN TRACTORS

6-H.P.

3-H.P.

1½-H.P.

*Built to do
the
JOB!*



Garden Tractor and Equipment
WINDSOR · *Company Ltd* · ONTARIO



Introduction

Ideal for market gardening, fruit farming, general farm purposes, estates, parks, etc. It is designed so that it is adaptable for plowing, discing, sickle bar mowing, hauling, snow plowing, as well as a stationary engine for driving saws, grinders, pumps, etc.

TRACTOR — 3-H.P. and 6-H.P.

ENGINE

The 3-H.P. and 6-H.P. tractor is powered by a Briggs & Stratton one-cylinder, four-cycle, air-cooled engine with crank starter, and built-in magneto.

The power is transmitted directly from the engine to the gears through a universal coupling. The steel-hardened gears operate in constant lubrication in enclosed case. Gear mountings run on Timken and ball bearings. The driving gear is also part of the clutch and, when operating, both wheels receive equal power. The wheels are connected by means of a ratchet system with a safety key. Standard length of axle-shaft, 36". Special sizes available in 42" and 50". The widest adjustment is approximately 30" on a standard size axle and narrowest adjustment approximately 22".

The tire sizes for the 6-H.P. tractor are 700 x 16 (standard) and oversize, 750 x 18. Tire sizes for the 3-H.P. machines are (standard) 600 x 16 and oversize 700 x 16. The tires are full traction tread and may be inflated for additional wheel weight by adding liquid solution. This machine will operate several hours on a gallon of gasoline and may be equipped with power take-off shaft and pulley, minimum of 600 R.P.M. The tractor with power take-off shaft may be used as a stationary engine for driving power, for such implements as saws, grinders, pumps, etc. The clearance of the tractor is approximately twelve inches. The tractor is equipped with a tool-box and adjusting tools supplied. The speed of the motor is regulated by a control lever on the handle of the tractor. The clutch is operated by means of a lever on the handle.



SHIPPING WEIGHTS

6-H.P. with Cultivator 700 x 16 Tires (Regular)	
with Power Take-off.....	630 lbs.
without Power Take-off.....	627 lbs.
6-H.P. with Cultivator 750 x 18 Tires (Oversize)	
with Power Take-off.....	665 lbs.
without Power Take-off.....	662 lbs.
3-H.P. with Cultivator 600 x 16 Tires (Regular)	
with Power Take-off.....	580 lbs.
without Power Take-off.....	577 lbs.
700 x 16 Tires (Oversize) with Power Take-off.....	592 lbs.
700 x 16 Tires (Oversize) without Power Take-off.....	589 lbs.
Plow—8".....	86 lbs.
Plow—9".....	87½ lbs.
Discs—Two Gangs of Four Plates.....	75 lbs.
Discs—Two Gangs of Five Plates.....	86 lbs.
Discs—Two Gangs of Six Plates.....	98 lbs.
52" Sickle Bar.....	100 lbs.
40" Sickle Bar.....	85 lbs.



Goodyear Sure-Grip Tire
Full Traction Tread



Firestone Ground-Grip Tire
Full Traction Tread





EMPIRE GARDEN TRACTOR *with Plough*



This general all-purpose plow is equipped with ratchet adjustment lever for raising and lowering with rolling coulter. The plow is attached with a pin to the U beam on the tractor and is supported by the same long draw-bars used for the cultivator. A bridge encircles the plow beam and the two long draw-bars are placed on the bridge and held by replacing the two pins which are removed to disconnect cultivator. One cultivator gauge wheel is removed and placed on the stub of the bridge which encircles the plow beam.

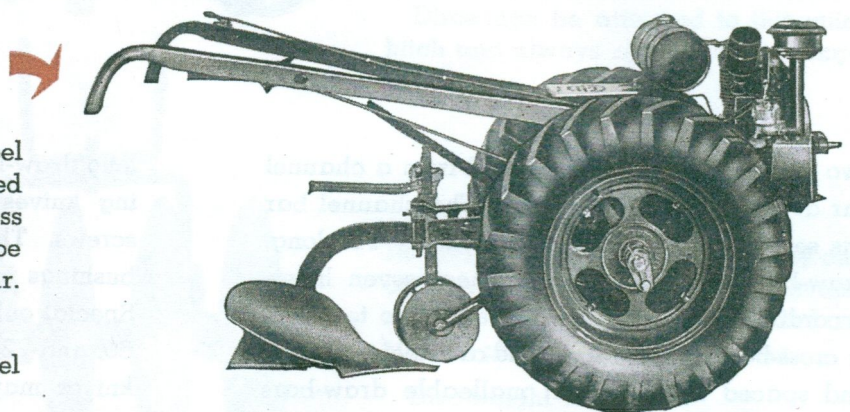
9" Plow - 6-H.P. Tractor

8" Plow - 3-H.P. Tractor

This gauge wheel acts as a land wheel and may be set after depth is established giving the same depth of furrow regardless of the contour of the land. The plow may be set in different positions in the channel bar.

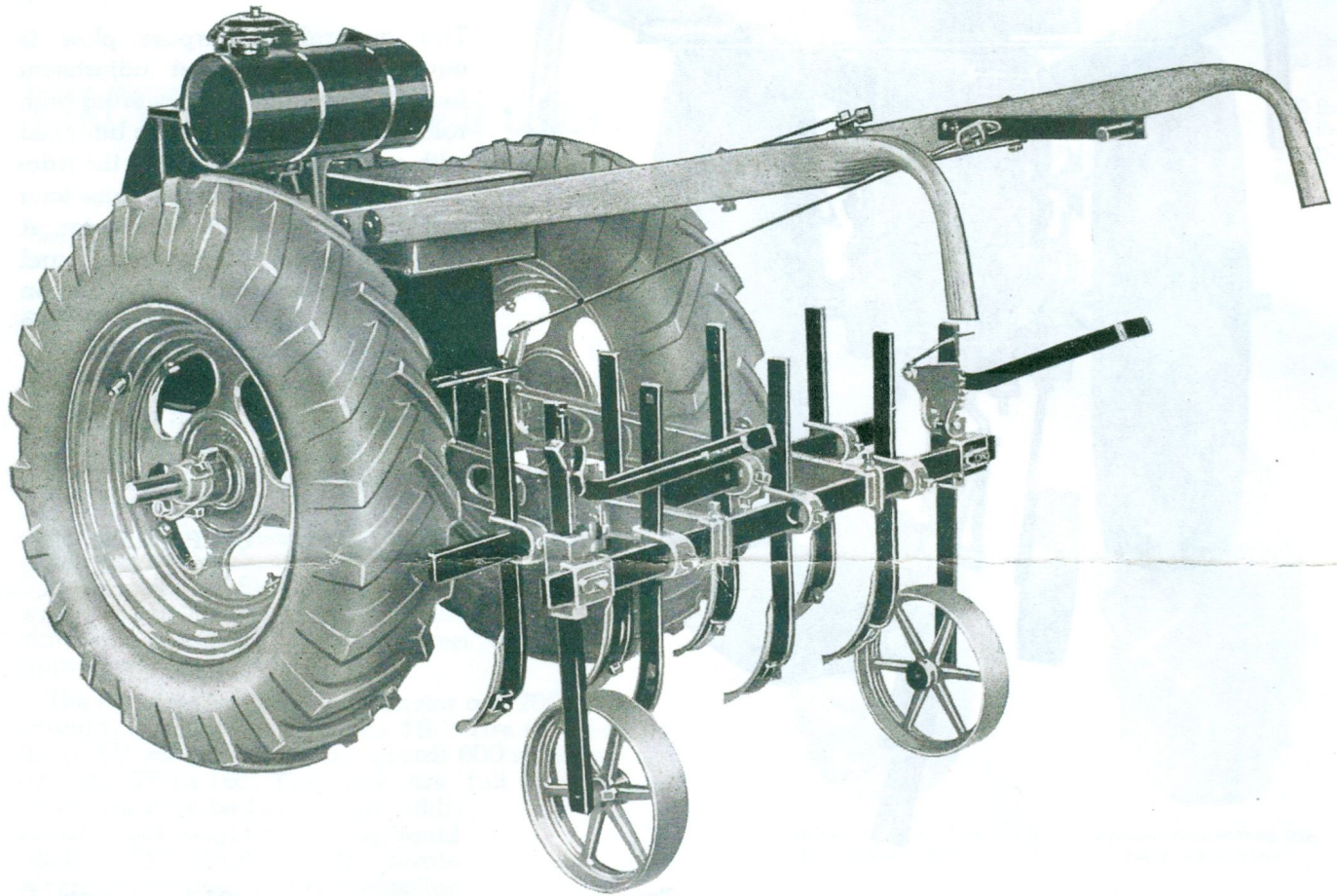
See instructions.

Plow shares are available in steel or cast.





EMPIRE GARDEN TRACTOR *Cultivator*



Two malleable draw-bars extend from a channel bar at the base of the tractor. The channel bar has seven holes and is approximately 15" long. Draw-bars are adjustable to these seven holes, according to the position desired. Two tool bars or cross-bars are 36" long and are steel-tempered and spaced by two short malleable draw-bars which are connected by two draw pins to the

long draw-bars. The seven tool-posts and cultivating knives are adjustable by clamps and set screws. The gauge wheels are iron with bronze bushings on standards with lever depth control. Special cultivating tool bars are available in 48, 60, and 72". Additional tool-posts and cultivating knives may be added. Spring-tooth cultivators are also available.

E M P I R E G A R D E N T R A C T O R C O M P A N Y L I M I T E D



EMPIRE GARDEN TRACTOR *with Discs*

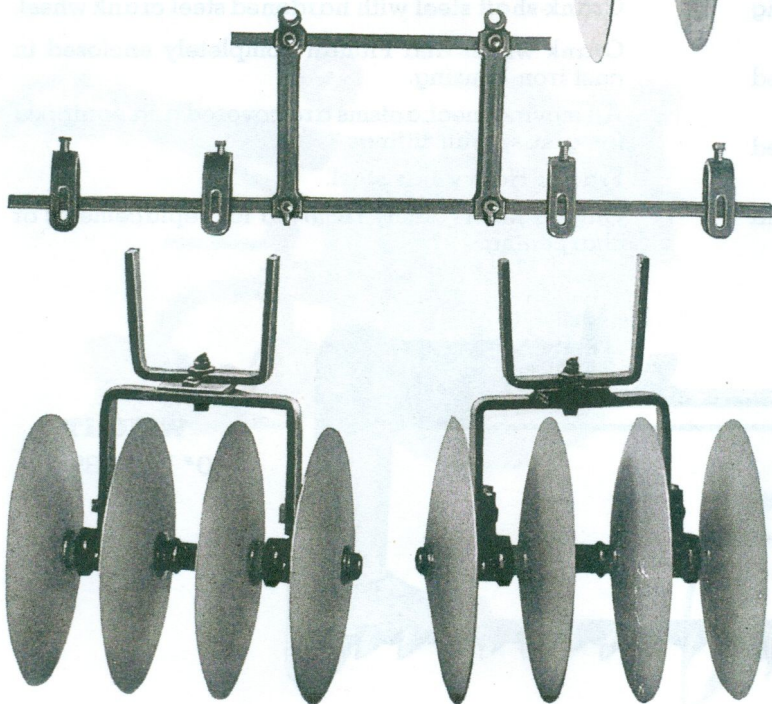
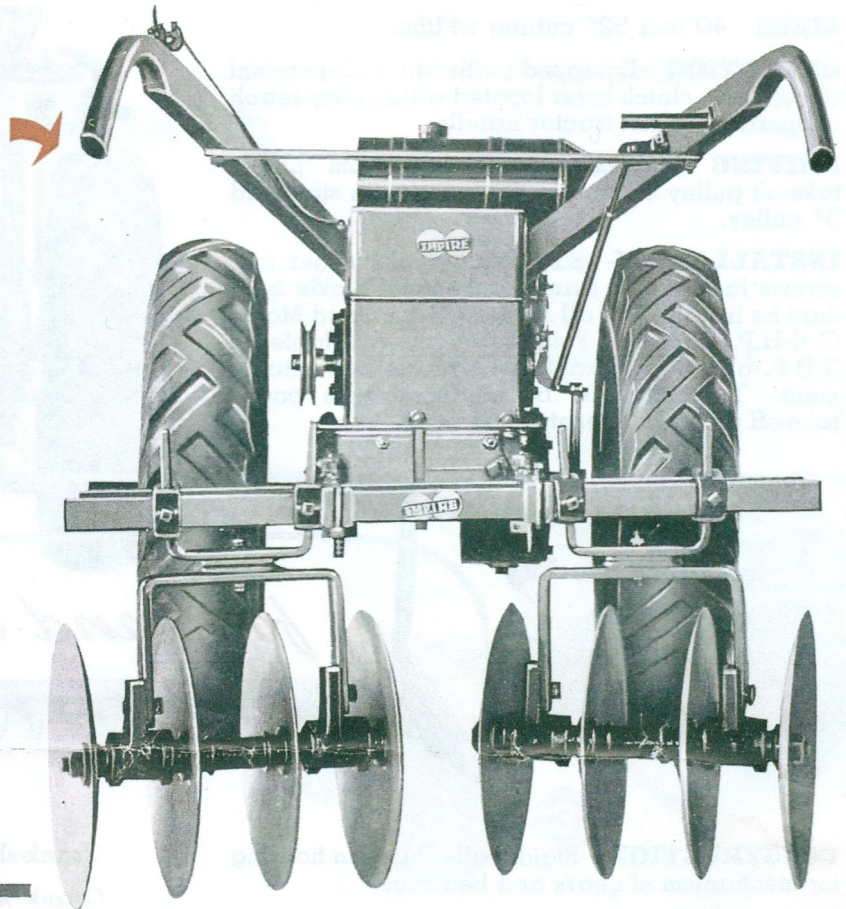
Disc plates are 12" diameter in two sets of four plates to a gang. Also available in five and six plates to a gang.

Adjustment angle provided for by a pin in swivel plate. This plate has three holes and to obtain angle of discing desired turn the arch and insert pin in hole.

Inward or outward discing may be accomplished by this method.

Discs should be equally spaced on tool bars for best results.

See instructions.



This quick hitch attachment is available for disc sets.

Discs may be attached to this quick hitch and always ready for a change.

To attach, remove two pins at the end of long draw-bars and remove cultivator entirely and insert discs mounted on hitch in place. A real time saver.

Disc weight 75 lbs.



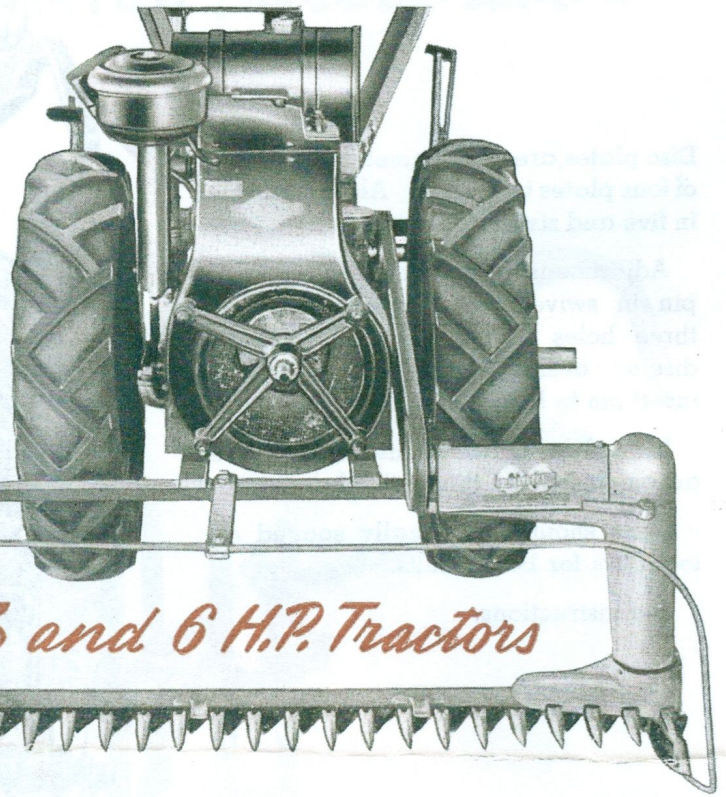
EMPIRE GARDEN TRACTOR *with Sickle Bar*

SIZES—40 and 52" cutting widths.

OPERATION—Equipped with an independent clutch, with clutch lever located within easy reach of operator on left tractor handle.

DRIVING POWER—V-type belt from power take-off pulley on tractor equipped with standard 5" pulley.

INSTALLATION—Easily attached by four cap screws fastened to frame of tractor. Sickle bars may be installed on all Model X 3-H.P. and Model C 6-H.P. tractors. Four holes are available on 3-H.P. and 6-H.P. tractors for sickle bar attachment. Tractors must be equipped with power take-off pulley to operate sickle bar.



WEIGHT

52" bar—100 lbs.

for 3 and 6 H.P. Tractors

CONSTRUCTION—Rigid malleable iron housing for mechanism of gears and bearings.

Timken bearings running in grease and sealed from dust.

Steel bevel gears are enclosed in grease-filled housing.

Hardened steel Pitman with roller bearings and fittings for guns.

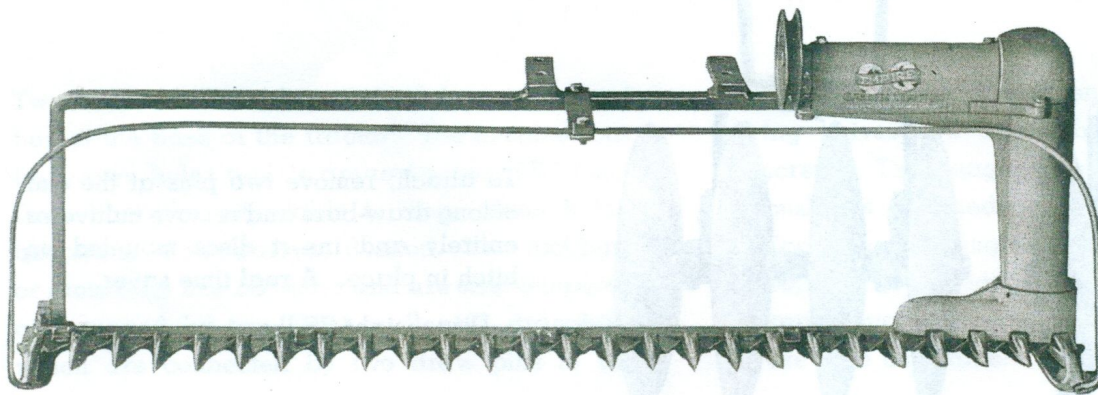
Crank-shaft steel with hardened steel crank wheel.

Crank wheel and Pitman completely enclosed in cast iron housing.

All moving mechanisms are covered and equipped for grease gun fittings.

Frame: Heavy bar steel.

Cutting bar is easily removed for replacements or sharpening.

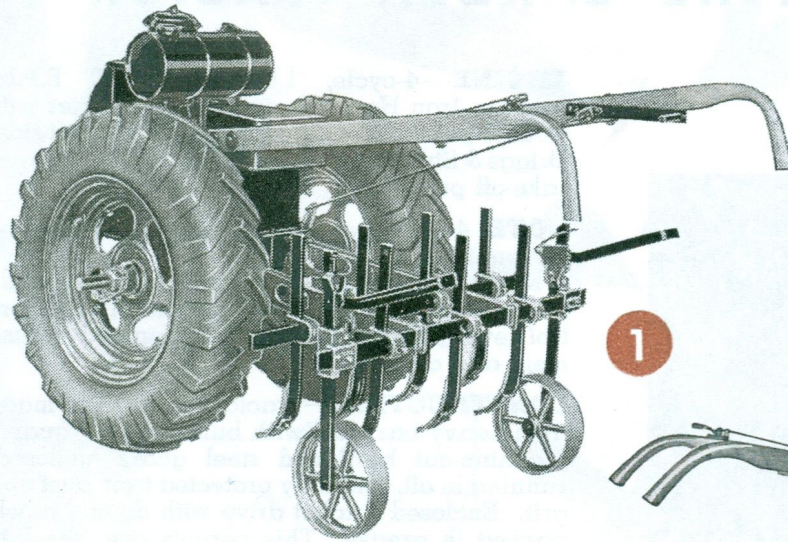


WEIGHT

40" bar—85 lbs.



EMPIRE GARDEN TRACTOR *with Implements*



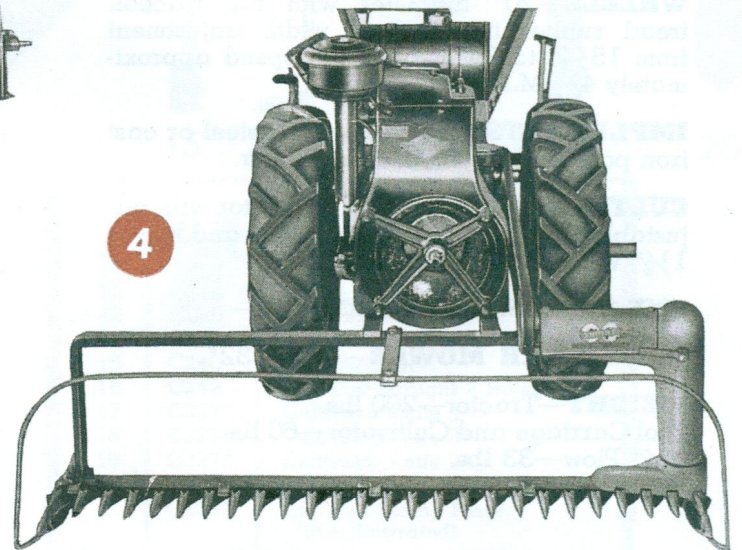
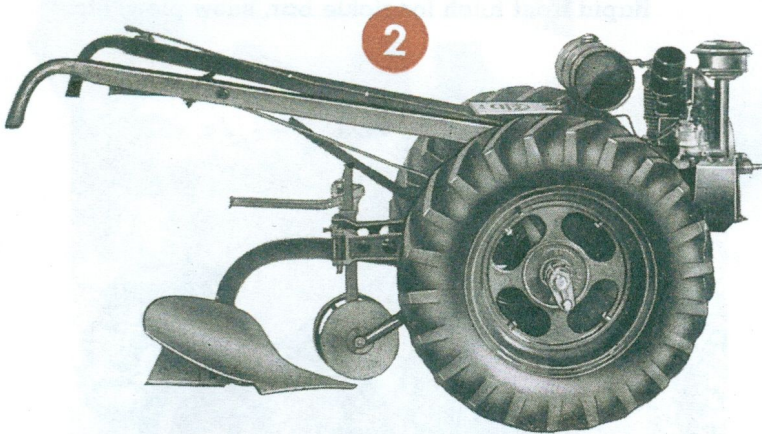
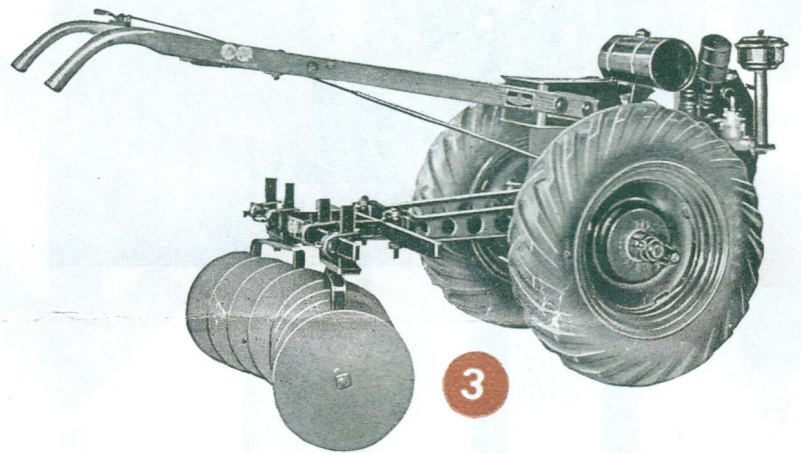
1 TRACTOR AND CULTIVATOR

2 TRACTOR AND PLOW

3 TRACTOR AND DISCS

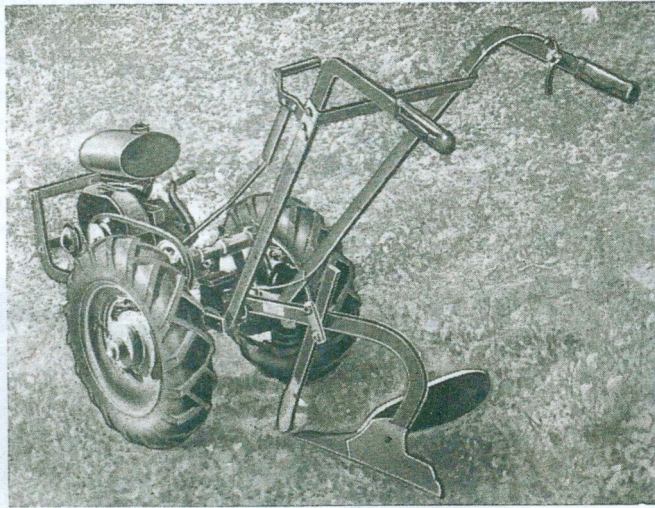
4 TRACTOR AND SICKLE BAR

for 3 and 6 H.P. Tractors





Introducing the New *1 1/2 H.P.* EMPIRE GARDEN TRACTOR



ENGINE—4-cycle, 1 1/2-H.P., 3,000 R.P.M. Johnson Iron Horse Engine—hand starter with double power take-off pulley right and left side. Briggs & Stratton engine rope starter with power take-off pulley.

NOTE: 4-cycle engine—no mixture of gas and oil required.

Motor stop button and throttle conveniently located near handle grip. Engine throttle control lever located on handle for speed adjustment and control.

CONSTRUCTION—Tractor frame is made from heavy bar steel with built-in motor guard. Machine-cut hardened steel gears enclosed, running in oil, and fully protected from dust and grit. Enclosed ratchet drive with double pawls packed in grease. This permits one wheel to operate independently from the other wheel. Heavy cast axle housing with bronze bearings. The connecting hitch is designed so that the tool carriage may be adjusted to three different positions. The plow may be set in three different positions. Clutch is V-belt type with adjustable spring tension belt tightener equipped with roller bearings. Clutch lever conveniently located on tractor handle for operating.

HANDLES—Steel handles with rubber handle grips are adjustable to operator's height. Rapid front hitch for sickle bar, snow plow, etc.

LAWN MOWER ATTACHMENT HITCH for hand lawn mowers.

WHEELS—20" diameter with full traction tread rubber tires—wheel width adjustment from 15 1/2" to 20 1/2". Driving speed approximately 4 1/2 M.P.H. maximum.

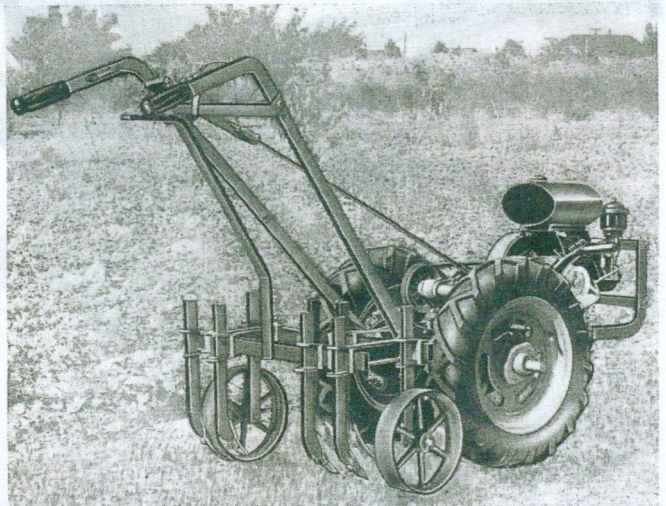
IMPLEMENTS—6 1/2" Plow with steel or cast iron point with straight knife coulter.

CULTIVATOR—Six-Tooth Cultivator with adjustable and independent standards and knives 1 1/2" wide.

ONE OR MORE ROW SEEDERS—

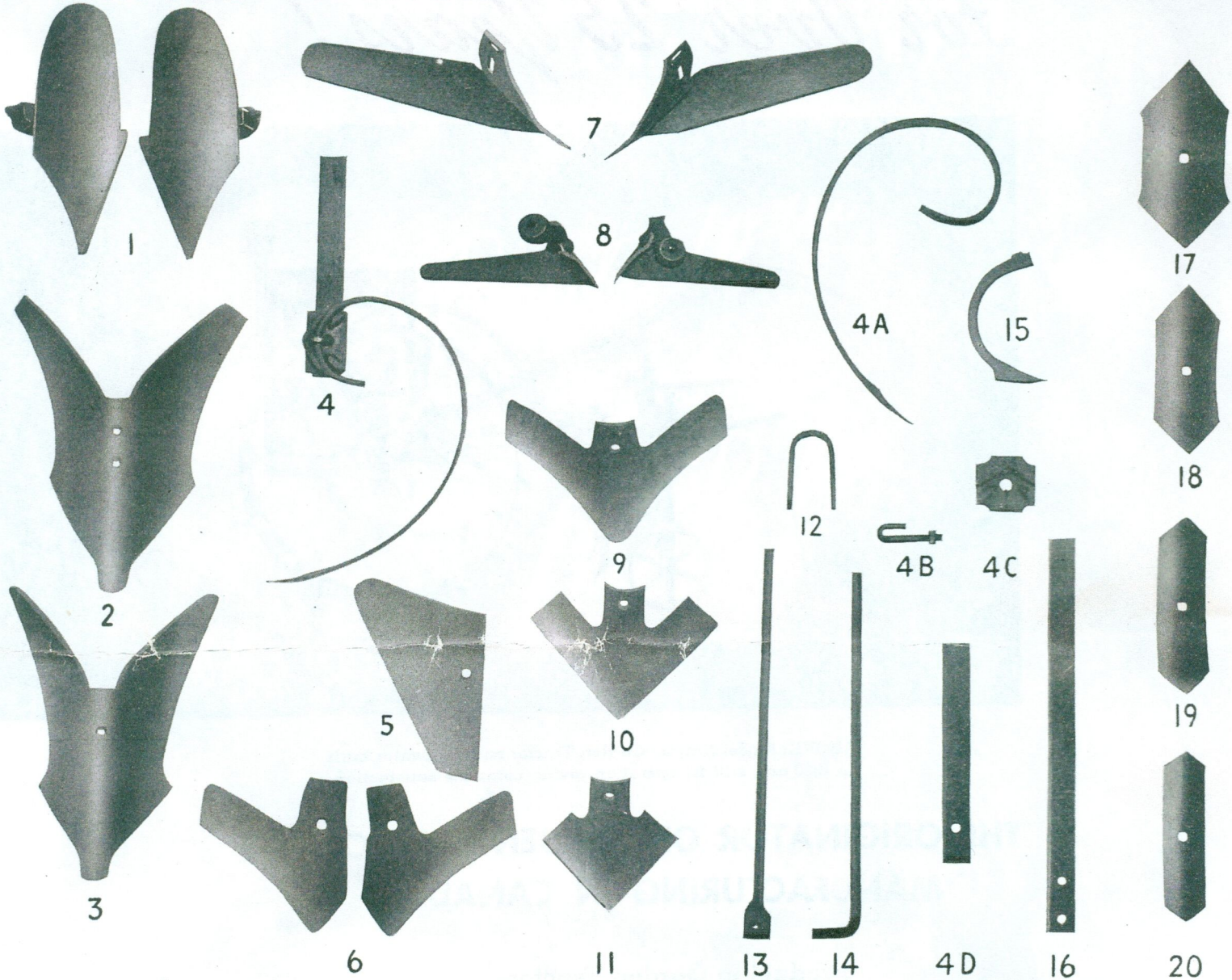
SICKLE BAR MOWER—Width 32".

WEIGHT—Tractor—200 lbs.
Tool Carriage and Cultivator—60 lbs.
6 1/2" Plow—33 lbs.





EMPIRE TRACTOR *Cultivator Attachments*



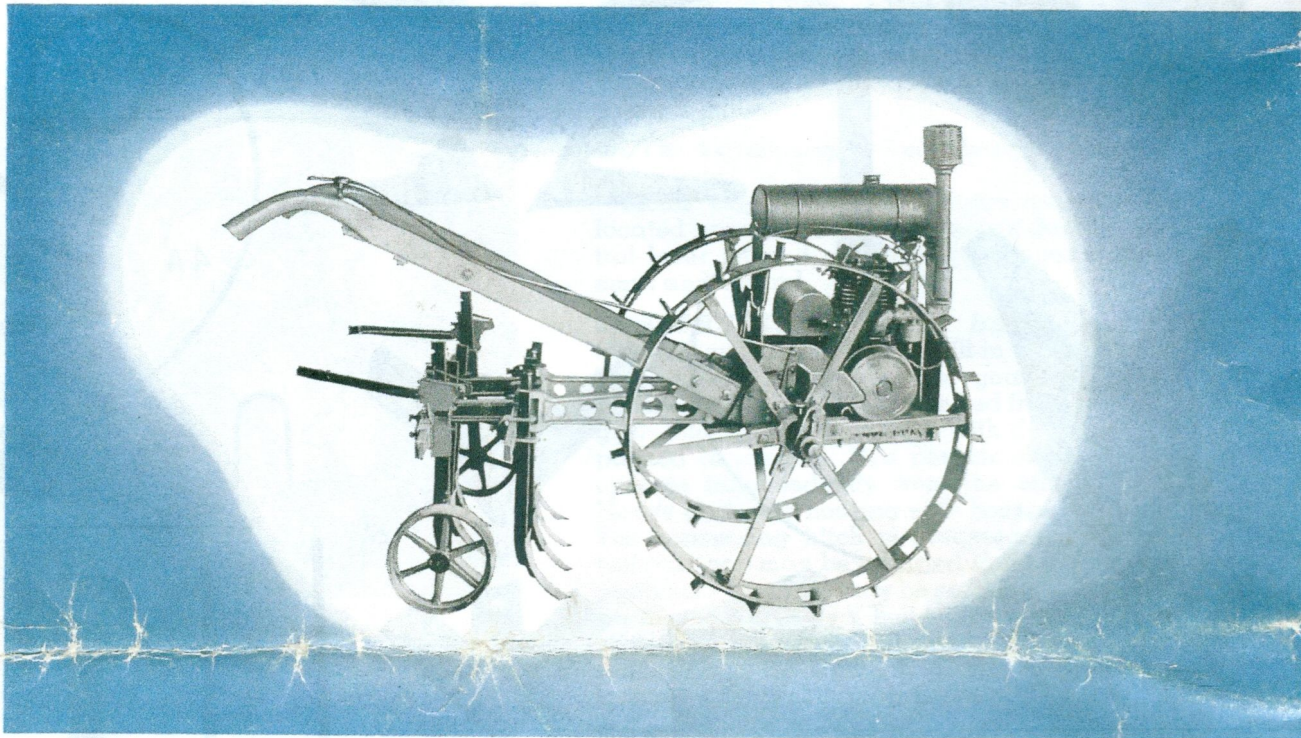
Item	Part No.	Description
1	C236A	Hilling Tools R & L pr. B/N
2	C235A	Furrow Opener 10" B/N
3	C235	Furrow Opener 8" B/N
4		Spring Tooth Assembly
4A	C241	Spring Tooth
4B	C241C	Spring Tooth U Bolt W/Nut
4C	C241B	Shank Clamp
4D		Spring Tooth Standard
5	C236	Hilling Shovels B/N
6	C239A	Half Sweeps 10" B/N
6	C239	Half Sweeps 8" B/N
7	C238A	Weeding Knives 10" or 12" pr.
8	C238	Weeding Knives 6" pr.
9	C237B	Full Sweeps 10"

Item	Part No.	Description
10	C237A	Full Sweeps 8"
11	C237	Full Sweeps 6"
12	C229	Tool Post Clamp
13	C226	Tool Post
14	C243	Tool Post "L" Shape
15	C240	Duckfeet B/N
16	C242	Tool Post Straight 2 Holes
17	C227C	Cultivator Knife 4"
18	C227B	Cultivator Knife 3"
19	C227A	Cultivator Knife 2 1/2"
20	C227	Cultivator Knife 1 3/4"
	C229A	Tool Post Clamp Plate (Not illustrated)

Sizes of some of the above items not listed refer to price list. PRICE LIST ON THE ABOVE FORWARDED ON REQUEST



For Over 25 Years!



ABOVE: Model Empire Garden Tractor with cultivator built in 1930 and still in operation giving complete satisfaction.

**THE ORIGINATOR OF GARDEN TRACTOR
MANUFACTURING IN CANADA**

Producing Garden Tractors
and Implements for over
Twenty-Five Years.

ENQUIRE FOR YOUR NEAREST AGENT OR DEALER

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