

FIELD FORCE PUMP CO.



ELMIRA, NEW YORK, U. S. A.

Excelsior Union Leader Combination Sprayer With Low Hung Tank Parallel with Axle

Used on

Potatoes, Cabbage, Orchards, Grapes, Tomatoes, Celery, Citrus Fruits, Tobacco

A PRACTICAL AND ECONOMICAL MACHINE FOR ALL
PURPOSES WITH IMPROVED PRESSURE REGULATOR

Choice of high speed or low speed engine

A Funnel Strainer for filling the tank is furnished with this machine

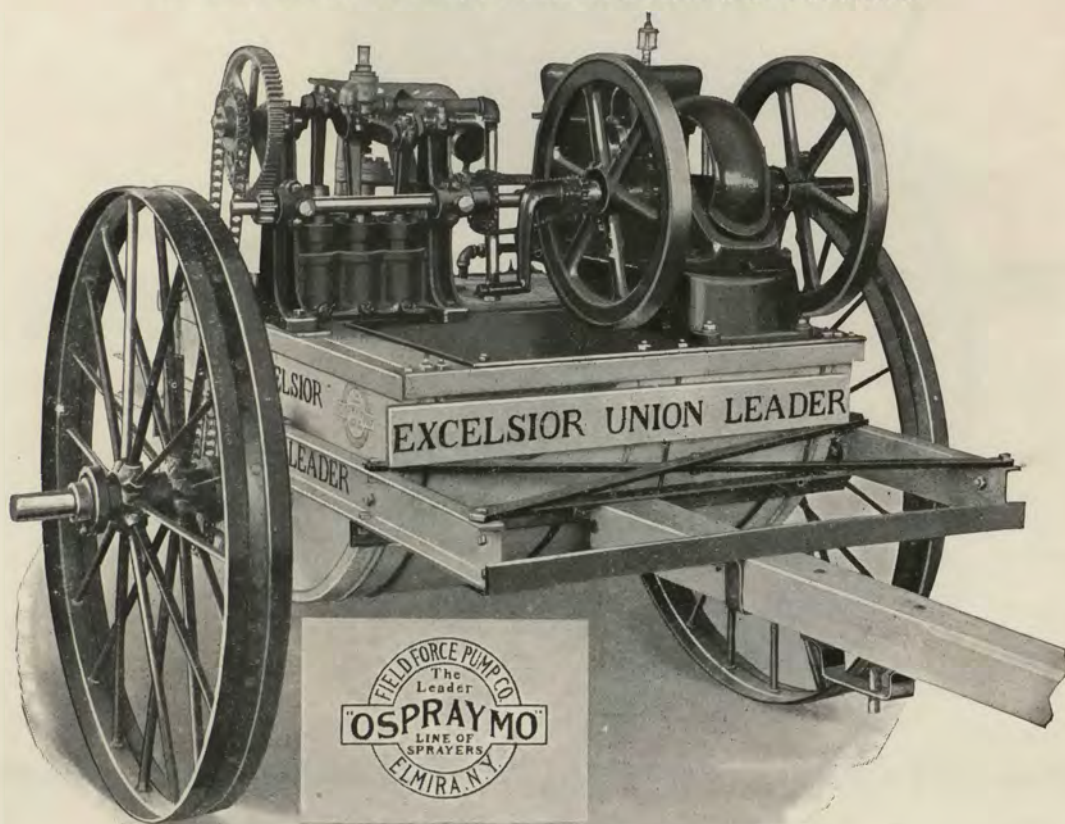


Fig. 1270

This shows the countershaft pump as furnished for High Speed Engines

PUMP. Fig. 400 Triplex, Bronze plungers, Ball valves with reversible seats. *Drop forged* crank shaft, tested to 450 lbs. working pressure, see pages 14 and 15 of catalog for full description.

ENGINE. Equipped with our Leader 4 H. P. Horizontal Engine, or choice of several high speed engines. Roller chain drive with machine cut sprockets will supply 12 to 16 nozzles at 250 lbs. pressure, or 2 Master or 2 Oriole Spray Guns at 250 lbs. pressure. 7½ or 8 gallons per minute.

TANK---Cypress---The "Wood Eternal" *Agitator* full length. *Brushes* automatically clean suction strainers which have removable brass wire screens---well ironed with provision for tightening hoops. Standard---125 gallons.

OVER

WHEELS---50 inch Diameter, 5-in. or 6-in. rim. 60-in. Diameter can be furnished. When using 50-in. wheels, bottom of tank comes 15 inches from ground; with 60-inch wheels, 20 inches from ground.

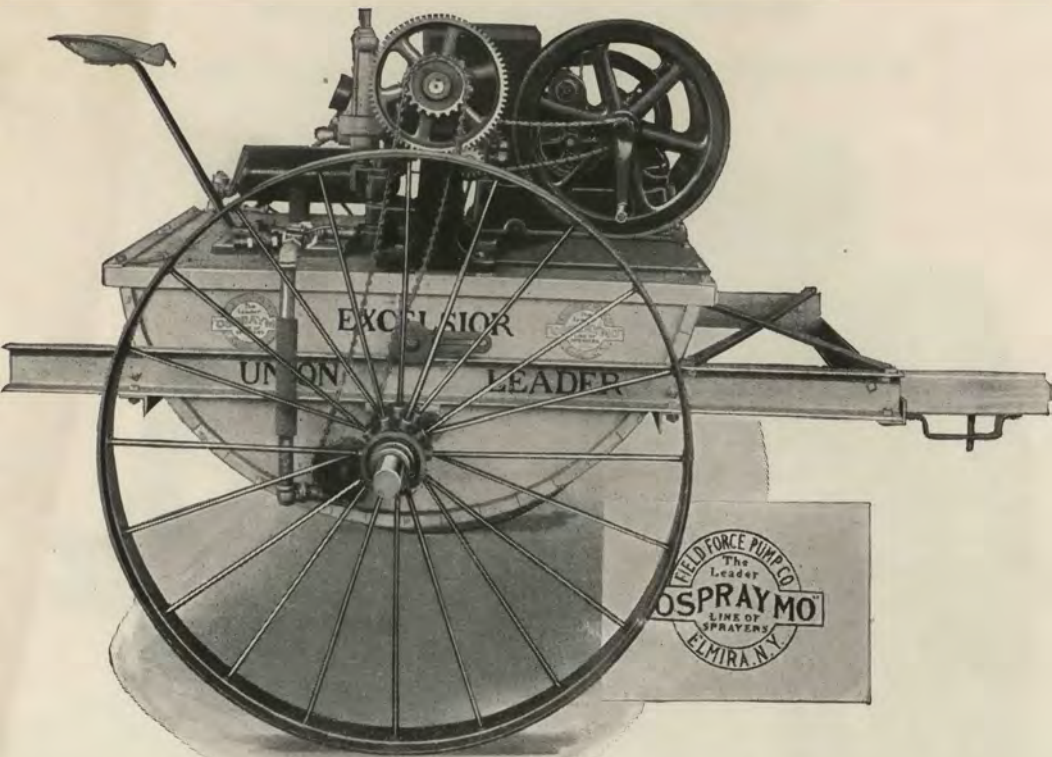
AXLE---2 1-4 inches high carbon steel, 84 inches long.

PRESSURE REGULATOR---The "Wonder"---Our own manufacture. Can be adjusted to any desired pressure and when this pressure is reached it releases and the pump runs "light," thus saving unnecessary wear and insuring an even pressure at the nozzles.

PRESSURE CONTROL---Absolute with automatic Pressure Regulator, Throttle Valve and Pressure Gauge. The guage indicates 400 lbs., but is guaranteed to take care of 500 lbs.

ACCESSIBILITY---All valves, regulator, boom, pump, engine, agitator, suction and discharge arranged very handy for the driver

BOOM---The official (Copyrighted) "DR. NIXON" boom can be furnished with ¾ or ½ inch Main piping; Drop piping in ¼ or ½ inch. "Non-clog" Tiger *Strainer* angle and straight nozzles can be furnished. Up and down adjustment 18 inches. Rows 28-36 inches wide.



This shows a side view of the EXCELSIOR LEADER with the counter-shaft pump for High Speed Engines

	Description of Fig. 1270	Code	Price
Fig. 1270 ...	The <i>Excelsior Union Leader</i> as described above with 4 H. P. Engine, Pump, Tank, Mechanical Agitator and Brushes, Pressure Regulator, Throttle Valve, Pressure Gauge, Wheels, Axle, Pole with neckyoke and doubletrees, without discharge hose; nozzle or spray boom. Approximate weight 1600 lbs. Actual weight depends upon engine selected. For prices of hose, spray booms, nozzles, extension pipes, spray guns, couplings, etc., see pages 16 and 17 of catalog.	Zim	Ask for Prices