



No. 5 Sprayer



JOHN DEERE

OPERATORS MANUAL

No. 5
Sprayer

OMB25052 K2 English

OMB25052 K2

LITHO IN U.S.A.
ENGLISH



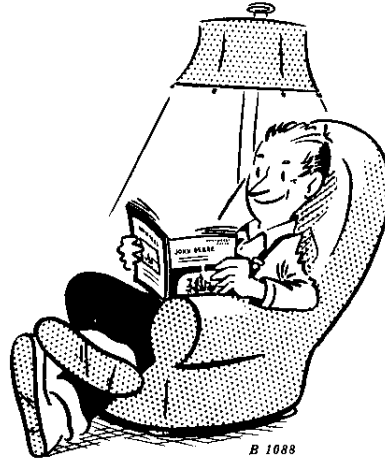
To the purchaser

Your new John Deere Sprayer is efficient and dependable. It will give long and efficient service if given proper care and operation.

This operator's manual contains information on the proper operation, adjustment, and maintenance of your new sprayer.

When in need of parts, see your John Deere dealer. He will furnish genuine John Deere Parts and prompt and efficient service in the field or in the shop.

Right-hand and left-hand reference is determined by standing at the rear of the sprayer and facing the direction of travel.



Study this manual carefully. Keep it handy, in a safe place, for future reference.

John Deere No. 5 Sprayer

Date Purchased

Boom	<input type="checkbox"/>
Handle Bars	<input type="checkbox"/>
Piston Pump	<input type="checkbox"/>
Pressure Surge Dampener	<input type="checkbox"/>
High Pressure Hand Gun with 25-Foot Hose	<input type="checkbox"/>

Table of contents

	<i>Page</i>		<i>Page</i>
Specifications	1	Rates of application	4-6
Operation	2-7	Pump	7
Hand gun	2	Safety suggestions	7
Engine	3	Maintenance	8-9
Changing spray solutions ..	3	Assembly	10-13
Pressure surge dampener ..	3	Shipping bundles	10
Boom	3		

Specifications

The No. 5 Sprayer is ideal for controlling weeds and insects in large lawns, small parks, cemeteries, recreational areas, nurseries and fence rows and around lake-side cottages, new home sites, industrial buildings, and parking lots.

You can "fog" evergreens to kill bagworms or spray stables, hog and poultry houses and crawl spaces to control flies, termites and mosquitoes.

The sprayer can also be used to fight small fires.

TANK—20-gallon, plastic-lined, steel tank.

PUMP—Gear pump, regular; Piston pump, optional.

HAND GUN—With a 25-foot hose and 4 nozzle tips. High pressure hand gun with 25-foot hose available.

WHEELS—16-inch with zero pressure tires.

ENGINE—2-1/2 h.p., 4-cycle, air cooled, with automatic recoil starting rope.

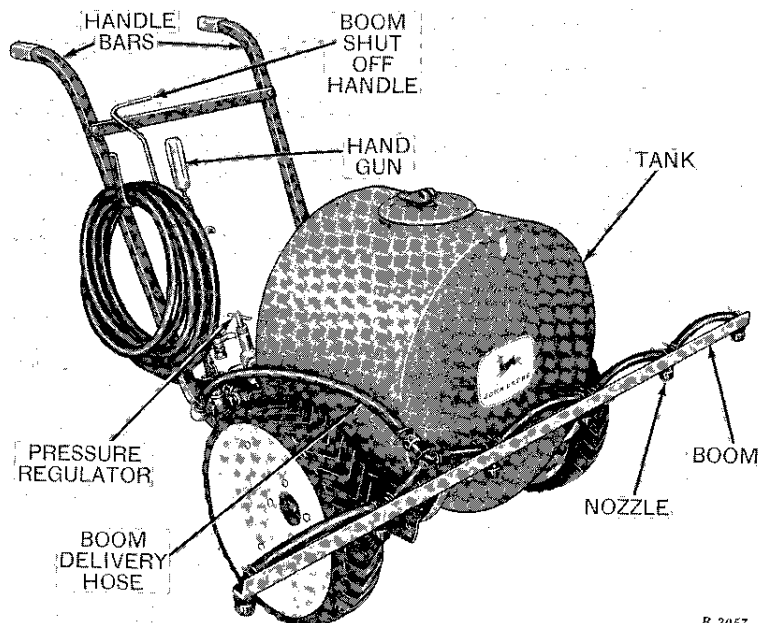
DRAWBAR—For pulling the sprayer, regular; Handlebars and support stand, optional.

BOOM—6 nozzles spaced 10 inches apart, optional.

NOZZLE TIPS—Several different sizes are available.

PRESSURE SURGE DAMPENERS—Will minimize pulsation with either pump but is recommended for use with the piston pump, optional.

(Specifications and design subject to change without notice.)

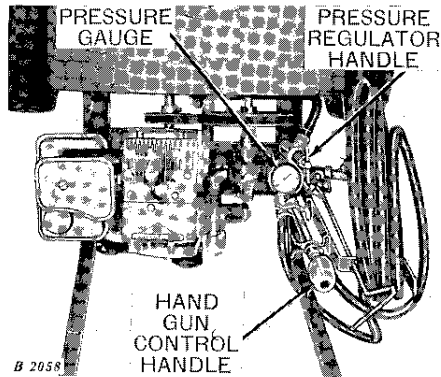


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John Deere No. 5 Sprayer with boom and handlebars

Operation

Hand gun



spray, and wide open for a stream. The hand gun may be turned off by turning the control handle clockwise.

Regulate the operating pressure by turning the pressure regulator handle in to increase the pressure, or out to decrease the pressure.

CAUTION: Never regulate the pressure unless the sprayer is in operation. Do not operate the sprayer at pressures so high that the maximum pressure gauge capacity will be exceeded when the flow to the hand gun is shut off.

Turn the control handle one-half turn counterclockwise for a fog

HAND GUN DELIVERY RATE CHART										
John Deere nozzle number	Number stamped on nozzle	Nozzle size	Gallons per minute							
			30 psi	50 psi	80 psi	100 psi	150 psi	200 psi	300 psi	400 psi
B 14483 B	3	3/64"	0.24	0.28	0.28	0.37	0.50	0.68	1.1	1.2
B 14484 B	5	5/64"	0.67	0.78	0.78	1.00	1.40	1.80	2.2	2.5
B 14555 B*	7	7/64"	1.24	1.52	1.52	2.03	2.65	3.30	4.0	4.6
B 14485 B	9	9/64"	2.26	2.61	2.61	3.30	4.40	5.28	5.6	6.5

*Installed in hand gun.

Be Careful

THE LIFE YOU SAVE MAY BE YOUR OWN...

Engine

Refer to the operator's manual furnished with the engine for operation, lubrication and maintenance instructions for the engine.

NOTE: If the minimum spray pressure cannot be obtained, slow down the engine. If the maximum spray pressure cannot be obtained, speed up the engine.

Changing spray solutions

The sprayer tank, hand gun, nozzles and delivery tubes must be thoroughly cleaned after spraying is finished or when changing from one chemical solution to another.

CAUTION: Never change from a weed killing solution to a tree or shrub spraying solution without thoroughly cleaning the sprayer.

Proceed as follows to change solutions in the sprayer:

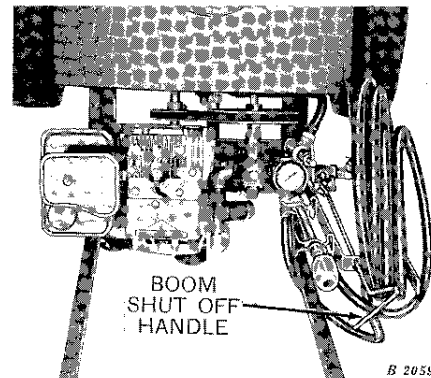
1. Completely empty the tank.
2. Thoroughly flush the tank and the entire system.
3. Add the chemical.

Pressure surge dampener

The pressure surge dampener (BB11292B) can be used in conjunction with either pump to minimize pulsation. It is recommended that this attachment be used with the piston pump. The pressure surge dampener normally is not required with the gear pump.

Boom

Run the sprayer level when spraying with the boom attachment. The drawbar can be adjusted so the sprayer is level. Refer to page 10. The handlebars are also adjustable. Refer to page 12.



The flow to the boom may be turned on or off by the shut-off valve.

Regulate the operating pressure by turning the pressure regulator handle in to increase the pressure, or out to decrease the pressure.

CAUTION: Never regulate the pressure unless the sprayer is in operation. Do not operate the sprayer at pressures so high that the maximum pressure gauge capacity will be exceeded when the flow to the boom is shut off.

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