



# by **BIG JOHN MANUFACTURING CO., Inc.**

OSMOND, NEBRASKA 68765

PHONE (402) 748-3860 • Fax: (402) 748-3235

## **PDF 650D Pro Line Sprayer**

**POWER • COMFORT • CAPACITY • SAFETY • FLEXIBILITY • MANEUVERABILITY**



Merging years of sprayer manufacturing expertise with the best designed, most economical high clearance sprayer in the industry.

Big John is proud to announce the new 650 D Pro Line Sprayer, designed with the grower in mind.

### **Check out these features . . .**

Heavy duty tubular base frame designed to withstand all the rugged demands of conventional ridge till and no till farming.

Adjustable tread width insures good field and road stability. Six foot under frame clearance allows mature crop spraying.

Rear pivoting axle suspension for the best control through the worst field conditions.

PDF load sense priority steering - no steering linkage. Rugged yet simple, allows for the tightest turning radius and facilitates easy row width change.

Full 4 WD hydrostatic drive and 38 inch tire package give maximum tractive effort and maneuverability.

John Deere diesel engine insures that the PDF 650 D has power to spare, proven reliability and the best service network in existence.

Specially designed leg configuration for maximum strength and minimum width allowing the PDF 650 D to work where others can't.

Special - 2 wheel 4 wheel diverter allows road speeds up to 18 m.p.h.

Front mounted boom allows entire boom and nozzle view from the wrap-around cab.

With the PDF 650 D, spray all year long - pre plant to mature crop spraying.



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BOX 456

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## The best command center in the industry . . .

The PDF 650 D Sprayer cab offers:

- Exceptional Visibility
- State of the Art Controls
- Finger Tip Joy Stick Controller
- Enhanced Operator Comfort
- Pressurized Cab System includes Dust Free Interior Operation
- Comfort Sensitive Heating includes Dust Free Interior Operation
- Ozone Friendly R139A Coolant
- Cloth Air Ride Seat
- Quality AM/FM Radio
- Rear View Mirrors
- Instrumentation with Murphy Control
- Adjustable Steering Column

All this adds up to greater productivity and increased profitability.

## PDF 650 D Spraying Technology . . .

PDF 650 D with the front mounted air assist boom will give you the best delivery system in the industry.

*Assist spraying features are:*

- A. Increased drift control by giving the spray droplet directional control to target.
- B. Better spraying of tall plants. The air assist boom moves the foliage out of the way so chemicals penetrate all the way to the bottom of the plant.
- C. Lightweight construction of boom with full boom breakaway protection.

Give the PDF 650 D a demo. No other sprayer can offer you more. The closer you look, the better it looks.

## Specifications . . .

Tread width .....	90" to 125"
Wheel base .....	117:
Height-crop clearance .....	73"
Overall height .....	142"
Overall length .....	21'
Ladders .....	2/service platform
Shipping width .....	143"
Weight .....	9500 lbs.
Engine type .....	Diesel 4 cyl. 125 h.p.
Brand name engine .....	John Deere
Electrical system battery .....	12 V negative ground 63 Amp Alt
Steering type .....	Tight Turn Direct Acting Priority Cylinders
Transmission type .....	Hydrostatic 2 wh/4wh
Speed .....	0-18 m.p.h.
Wheel width adjust .....	Manual/Hydraulic
Tire size - front/rear .....	12.2" x 38"
Fuel capacity .....	60 gallons
Oil capacity .....	30 gallons
Coolant capacity .....	7 gallons
AM/FM radio .....	Yes
Climate controlled cab w/filters .....	Yes
Heater .....	Yes
Air ride cloth seat .....	Yes
Panel gauges/Murphy .....	Yes
Hr-Fuel-Temp-Alt-Oil-Tach	
Joy stick controller .....	Yes



## Sprayer System . . .

Type of boom .....	Air assist
Boom width .....	60' dry type
Folding mechanism .....	Hydraulic
Boom height - min/max .....	25" to 90'
Plumbing on boom .....	1/2" rubber
Nozzle body type .....	1/2" SS Quick tach
Nozzle spacing .....	30" or variable
Type of nozzle .....	Brass flat fan - or option
Size of nozzle .....	Variable
Type of valves .....	SS144
Spray tank size/type .....	600 gal. poly tanks
Agitation .....	High volume jet
Bottom fill system .....	Yes/2"
Pump .....	Cent./magnetic clutch-hyd.
Controls .....	Raven 440

