

PATRIOT[®] 2240 SPRAYER

NEW 2013 PREVIEW



CASE IH
AGRICULTURE



A CLASS 2 SPRAYER WITH A FIRST-CLASS DESIGN.

When Case IH decided to introduce a new Class 2 sprayer, it had a first-class machine in mind. After delving into the trends that drive your business and talking to lots of growers and applicators, Case IH engineers imagined a smaller sprayer with higher ground clearance, a more nimble feel and tons of built-in value. The result? A sprayer designed specifically for the owner-operator: the Patriot 2240. The Patriot 2240 sprayer is designed for comfort and delivers everything you need: efficiency, control and reliability. It has the same DNA as the larger Patriot sprayers, but can accomplish things that a larger sprayer can't. Plus, it's simple to use, which means newer operators can quickly become efficient and productive. And that's just part of how the Patriot 2240 sprayer is going to help you Be Ready.

BIG-TIME FEATURES IN A RIGHT-SIZED PACKAGE.

- Higher clearance than any competitive sprayer in its class –62 inches (158 cm) with R42 tires
- Hydrostatic three-speed transmission provides smooth, reliable shifting and excellent value
- Best-in-class trailing-link suspension creates a more comfortable ride by absorbing both the vertical and lateral shocks that come with faster speeds and tougher terrain
- Unique Case IH cab-forward, rear-engine design distributes weight more evenly and allows you to get into wet fields sooner
- 165-hp 6.7-liter Case IH FPT engine
- 660-gallon mid-mount poly product tank
- Your choice of either a 60/80-foot or 60/90-foot boom featuring parallel-link attachment for a wide range of boom heights and a boom suspension design that maintains boom position at any speed, even during tight turns
- Optional AIM Command® spray system delivers constant application rate and constant spray pressure for superior spray accuracy and reduced drift
- New operator environment that is cool, quiet and comfortable
- Complete offering of precision farming options including AFS AccuGuide™, automatic boom height control and automatic section control along with three spray controller options—Case IH AFS Pro 700, Case IH Viper Pro or Case IH SCS 5000



TOTAL APPLICATION CONTROL— GROWERS VALUE TIMELINESS OF CHEMICAL APPLICATION, QUALITY APPLICATION, AND RETURN ON INVESTMENT.

The Patriot 2240 sprayer can be ordered with the following options to help you optimize your chemical application program.

The AIM Command spray system provides complete application control so operators can make the most of every ounce of product and every hour of the day. This exclusive spray technology provides a consistent droplet size over the sprayer's speed range for maximum impact and minimum drift. This patented innovation in spray technology multiplies the utility of a standard chemical boom and makes it easy to switch between AIM Command spraying and conventional spraying, using the same boom. The system offers a 2–24 GPA range with constant pressure independent of speed and the almost instantaneous ability to switch rates while using a single nozzle tip.



Today's AFS AccuGuide helps simplify chemical application for operators with all levels of experience. This automated guidance system delivers pinpoint accuracy and minimizes skips and overlaps to ensure that every acre—and every inch—of your crop gets treated. The Patriot 2240 can be ordered AccuGuide-ready or factory complete.

AFS PRO 700.

The optional AFS Pro 700 color display puts total control at your fingertips. From just one display, you can monitor and control both guidance functions and application rate as well as track ground speed, acres covered and other variables. Plus, it integrates seamlessly with AFS software to store, view and manage precision farming data, helping you adjust for in-field variability and improve yield potential.



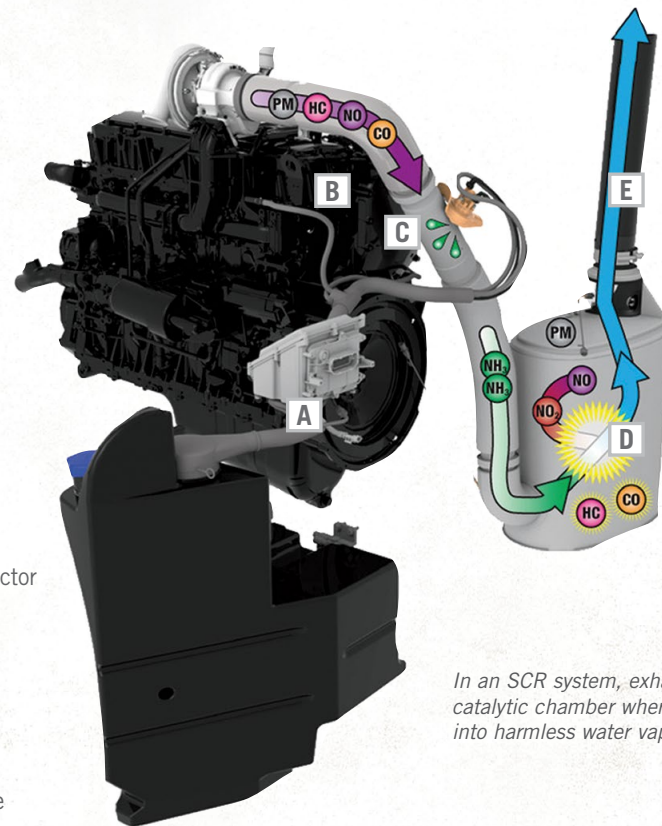


Efficient Power: The Exhaust Looks as Clean as the Intake Air.

The Patriot 2240 sprayer is Tier 4A compliant. What does that mean for you? To achieve the right balance of emissions control, fuel efficiency and durability, Case IH uses Selective Catalytic Reduction (SCR)-only technology for Tier 4A compliance. There are now over 25,000 Case IH SCR-only engines in operation in North America and that number gets bigger every day. SCR-only has been so successful that Case IH will continue to use it in its Tier 4 B/Final solution in 2014 for all high horsepower equipment, which means you don't have to learn about one system only to discard it for another. Case IH got it right from the start, and operators benefit by getting up to 10 percent improved fuel economy, longer maintenance intervals and the high horsepower they require.

HOW SCR WORKS:

- A** DEF (Diesel Exhaust Fluid) supply module maintains constant supply of fluid to the DEF injector
- B** Exhaust gases leave the turbo outlet and travel to the DEF injector
- C** DEF injector supplies a light mist of fluid into the exhaust stream
- D** DEF mixes with exhaust gas and neutralizes NOx (nitrogen oxide)
- E** During the reaction, harmless nitrogen and water vapor are released through the exhaust pipe



In an SCR system, exhaust gas enters a catalytic chamber where it breaks down into harmless water vapor and nitrogen.



SPECIFICATIONS	PATRIOT 2240
Engine	Case IH FPT 6.7 L (409 cu. in.) inline 6-cylinder, 165 rated hp (121 kW), 173 peak hp (127 kW), turbocharged, after-cooled, electronically controlled diesel
Drive	Hydrostatic with full-time 4-wheel drive. Three speed ranges can be shifted on-the-go
Wheel Track Adjustment	90–120 in. (229–305 cm) manual adjustment; optional hydraulically adjusted from the cab with manual stops at 2 in. (5.1 cm) increments
Travel Speed	30 mph (48 kph)
Dry Weight	18,600 lbs. (8437 kg)
Solution Tank Size	660 gal. (2500 L) poly
Nozzle Spacing	20 in. (50.8 cm) off-center or 20-30 in. (50.8–76.2 cm) with 30 in. (76.2 cm) on-center
Overall Length	28 ft. 10 in. (8.8 m)
Overall Height	12 ft. 2 in. (3.7 m)
Overall Width	Wheels retracted 10 ft. 6 in. (3.2 m) Wheels extended 11 ft. 6.5 in. (3.5 m)
Wheelbase	11 ft. 8 in. (3.6 m)
Tire Size	Available with 320/90R42, 380/80R38, 420/85R38
Ground Clearance	62 in. (158 cm) with R42 tires
Turning Radius	22 ft. 7 in. (6.9 m) from center line of rear axle
Boom Length	60/80 ft. (18.3/24.4 m) or 60/90 ft. (18.3/27.4 m) self-centering
Boom Height Adjustment	27–90 in. (68–228 cm)
Full Boom Breakaway	23 degrees
Wingtip Breakaway	5 ft. 2.5 in. (1.6 m)
Suspension	4-wheel independent trailing-link with spring and shock standard; active suspension optional
Steering	Hydraulic power steering with master/slave re-phasing cylinders
Fuel Tank/DEF Tank	86 gal. (325 L)/14 gal. (53 L)
Sprayer Control	Case IH SCS 5000, Case IH AFS Pro 700 or Case IH Viper Pro
Product Pump	Centrifugal-hydraulic motor driven by product control system
Foam Marker	5.0 gal. (19 L) self-contained foam marker system
Rinse Tank	76 gal. (290 L)



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Safety Never Hurts!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it and be sure it is operating properly. Follow the product safety signs and use any safety features provided. CNH America LLC reserves the right to make improvements in design and changes in specification at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

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