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## Is a small 3-point liquid sprayer right for you?



Whether you have a small to mid-sized pasture, or a large lawn, spreading fertilizer, weed control, and other products that help healthy grass grow are jobs you have to knock out multiple times every year. That's why a small 3-point liquid sprayer that fits your property is one that gives you the right working width and lets you spot spray as needed so you can do those jobs as quickly and accurately as possible.

In this video, we're working on a large lawn that's about 250 feet long by about 100 feet wide. It has trees, a gravel drive running through it, and it's bordered by a fence. That means obstacles to maneuver around, areas where you might not want any spray, and a fence line where you need spot spraying accuracy.

We tackled this project with a **Frontier LS2004 Liquid Sprayer** ([US CA](#)) paired with a **John Deere 1025R Compact Utility Tractor** ([US CA](#)). The LS2004 Liquid Sprayer has a 45-gallon tank and a 10-foot folding boom. This package also has a **120R Loader** ([US CA](#)), a materials bucket, and a **John Deere Autoconnect™ Drive-over Mower Deck** ([US CA](#)), because part of growing a healthy lawn is keeping it mowed.

All the LS20 Series sprayers are quick hitch compatible, which makes hooking and unhooking as easy as can be. Like we always say, just focus on the top hook, and everything else falls into place. Then Dan closes the locking levers and lowers the tank to the ground. Then he connects the electric pump on the sprayer to the tractor's power supply.

Next, filling the tank with water and whatever chemical you're using means reading and following all the product manufacturer's package instructions including the wearing of any personal protective equipment that might be required.

A really nice feature these small 3-point liquid sprayers come with is a handy Fill Spout Kit for adding water to the tank so you don't have to stand there and hold the hose while filling. After adding the chemical you're using, just mount the fill spout with hose attached, and open the fill valve. When the tank reaches the appropriate fluid level, replace the lid and you're ready to go.

Okay. Time to spray the lawn. This LS2004 with a 10-foot (3 m) boom is a perfect match for this situation. Deploying the boom arms is a piece of cake. And the boom length makes maneuvering around trees in this yard easy as can be.

The simple on/off switch right there in the operator station makes starting and stopping the electric

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pump fast and easy. On for spraying the grass. Off for not spraying anywhere you don't want to spray. Back on for spraying the grass again.

Along the fence line, you can use the spray wand with 25-foot (7.6 m) hose to spot spray weeds you can't quite get with the boom spray nozzle. And again, make sure you follow manufacturer directions regarding the wearing of personal protective equipment.

Now, let's say you have a mid-sized pasture to spray. Here we'll use a **John Deere 4066M Heavy Duty Compact Utility Tractor** ([US CA](#)) with a **Frontier LS2011 3-Point Liquid Sprayer** ([US CA](#)) that has a 110-gallon (416 L) tank. We've also added a **440R Loader** ([US CA](#)) and a 73-inch (1.8 m) materials bucket.

Attaching this LS2011 3-point sprayer is exactly the same as attaching and filling the LS2004. In fact, the only real difference in hook-up between these two sprayers is that the LS2011 uses a PTO-driven pump instead of electric. So after attaching the sprayer using the quick hitch, Dan will hook up the pump to the tractor's PTO, attach the safety chain, and he's ready to go.

Again, matching the size and features of the small 3-point liquid sprayer to the property you need to maintain is important.

In this case, the 110-gallon tank allows you to be on the job longer between refills. And even though the 18-foot boom allows you to cover more ground with each pass, when the boom arms are folded, this whole equipment package can snake through some pretty tight places with ease.

And here's another nice touch. The LS20 Series booms all have a feature that allows them to breakaway if they encounter an obstacle like a stiff bush, a tree, or fence line. The boom arm will bend at the breakaway hinge and then snap right back into operating position.

And similar to its smaller cousin, the LS2011 includes a hand operated spray gun for spot spraying along fence lines or anyplace else where targeted spraying is required. Only this hand-held has a 100-foot hose. A larger area to cover needs a longer hose.

And there you have it. When you know your property and the tasks you need to perform, having the right tools makes all the difference in the world, every time.

Frontier has more than 400 implements and attachments that are available only from your John Deere dealer, **the** place to go for advice and equipment.

Always read the Operator's Manual before operating any piece of equipment and follow all operating and safety instructions.

And remember, for implements that help turn your tractor into the workhorse it was built to be, think

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Frontier and your John Deere dealer.

**Helpful Links:**

Frontier LS11 Mounted Sprayer Series ([US CA](#))

John Deere Tractors ([US CA](#))

John Deere Loaders ([US CA](#))

[How To Control Weeds](#)

[How To Overseed A Large Lawn](#)

[Aerate, Fertilize & Overseed Your Lawn](#)

[How To Adjust & Operate The LS11 Series Mounted Sprayers](#)

[How To Renovate A Pasture](#)

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