

AG SHIELD Sprayers



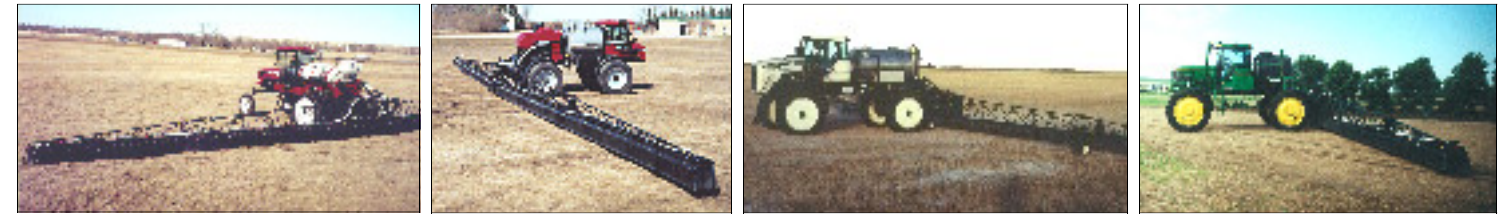
NOW WITH
GFS

Take control of Drift!

Ag Shield floating boom sprayers put you in charge! Our Shields give you the best wind protection available. Ag Shield's GFS (Ground Following System) maintains the nozzles at the correct height all the way across the boom in all types of terrain—even terraces.

ON TARGET  **ON TIME**  **EVERY TIME**

Upgrade your self propelled sprayer with Ag Shield booms



Quality booms are available as rugged shielded replacements for self propelled rigs

A lot of the self propelled sprayers on the market arrive with a boom that was designed for smaller smooth fields and lower speeds. When you really put them to work, you quickly end up with a tired

boom. Combine this with no possibility of Shielding the factory booms, and replacing the original boom with an Ag Shield boom looks like a real good option. We can supply replacement booms

for most SP sprayers built since 1994, and we have routinely mounted booms for *most new models* that were ordered from the factory "less booms". Contact Ag Shield for details on this solution.

NEW! Ground Following System keeps booms in the right place

The new GFS (patents applied for) solves many of the problems that have plagued floating boom spraying operations for years. Whether you run self propelled rigs or a high clearance pull type sprayer, getting the booms at the right height in rolling ground has been either tricky or expensive. The GFS

makes working in hills a breeze. The system is hydro-mechanical, with no complicated sensors or computers.



The gauge wheel (circle) just feels the ground, and the system monitors the pressure in the shoulder cylinders and tells the GFS valves to adjust boom position appropriately. The operator just has to watch his mark (or GPS) and drive the machine. Ask for complete details on this *low cost* option.

We really like our Ag Shield sprayer. The spray coverage under the shields is good even under tough conditions. With the new GFS spraying is easy on the operator.
Jay Abernathy, Langford, ND

Our 100 foot Ag Shield lets us cover large acres quickly and gives us great weed control. The GFS system lets us use the large booms on uneven ground without fatigue.
Ken Young, Ongre, SK

7700 series-Boom	
Field widths	60 to 120 feet in 10 ft. steps
Transport width	196 inches
Weight	90 foot -2600 lb.
Operating height range at nozzles	18-94 inches
Plumbing	2-way ComboJets standard Flow tube monitors

Carts	1000 gallon US 833 gallons IMP.	1500 Gallons US 1250 gallons Imp.
Standard tires	16.5 L16.1 turf	18.4 x26 in Turf
Tire options	18.4 x 26 turf 12.4 x 38 lug	18.4 x 38 turf 14.9 x R46 lug
Pumps	Hypro HM 1 – HM 5	Hypro HM 1 – HM 5
Height	144 inches	144 inches
Width	123(18.4 x 26 tires)	123(18.4 x 26 tires)
length	256 in. same tires	256 in. same tires
Weight	2800 lb.	3050 lb.

Available from:



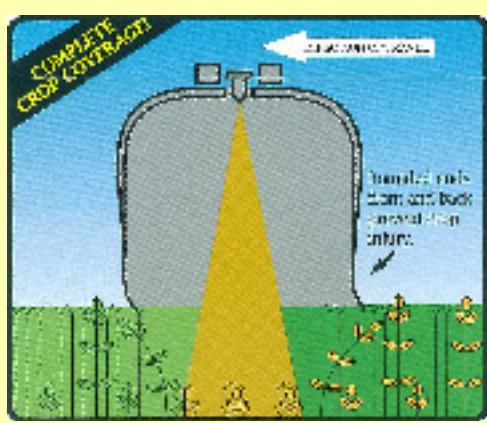
AG SHIELD Mfg.

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Check our website www.agshield.com



AG SHIELD: *the best spray equipment you can buy*

Why settle for second best when you can have a Top -of- the-Line Ag Shield sprayer for the same price?



Ag Shield does more than control drift; it improves coverage. By opening the crop canopy it gets even low-lying weeds thoroughly covered.

Set the tough front of the shield to brush the crop. The rounded front edge acts as a push bar to push the plants forward and open the canopy to expose the weeds hiding down below. As the plants swing through the spray pattern they get thoroughly coated.

That exclusive Ag Shield action ensures a better job than any other sprayer out there. The improved coverage lets you use normal rates to control weeds that used to take a heavy rate.

Fungicides coat the plant from the top down for maximum coverage. Instead of an air assist stirring up dust and deactivating chemical you get complete coverage.

2 way boom breakaways Control options



We don't live in a perfect world. Field obstacles aren't always where you expect them. Most sprayers have a short travel tip breakaway that helps on some obstacles. Ag Shield tips will break a full 180 degrees (you can spray with the tips folded in tight fields). They also break at the main hinge 75 degrees, so if you find a major obstacle you still have a functional boom. The breakaways reset automatically so you don't lose time stopping to reset, and overdose the crop at the same time.

Adjustable wheel tread

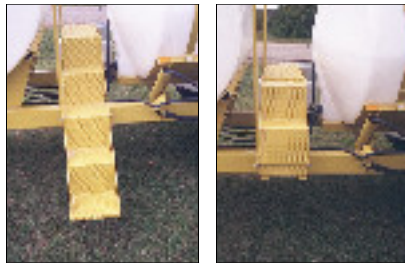


Whether you run tramlines, row crops or simply want your cart wheels to track outside your tractor wheels, Ag Shield has you covered.



Ag Shield offers a wide variety of controls across a range from simple in-cab manual controls through auto rate controls and including GPS compatible controllers.

Steps & platform



With our plumbing setup, you seldom need access the top of the tank(s), but if you do you have the best steps in the business. The bottom half folds up for tall crop clearance.

High clearance accessories



Ag Shield will dress your tractor and sprayer to ensure minimal crop tramping in high clearance work. Crop dividers are available for most tractors and high clearance sprayers. Belly pans for farm tractors and Ag Shield pull type sprayers let you handle tall crops with ease.

We bought Ag Shield's first production high clearance sprayer in 1997. Most years it's sprayed about 9,000 acres including pre-harvest and still going strong. Weed control is always great, and we've been able to spray most days we wanted to, even if there's wind.

Arnold and Rob Cowan, Swan River, MB

Details make the difference in sprayer plumbing—we do the details right

DEEP VEE sump



Ag Shield's exclusive DEEP VEE sump pumps down to the last gallon even on a side hill.

Flow Tube nozzle monitor



The Wilger flow tube nozzle monitor system tells you right now if you have a nozzle even partly plugged (note the low ball in the photo showing 1 of 3 tips half plugged). Before you leave a streak in the field you've cleaned the tip and you're on your way. Finally, you can check the nozzles hiding behind the tank.

EASY-DRAIN Plumbing



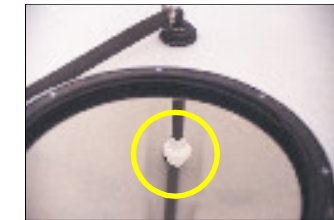
Ag Shield has high capacity plumbing as standard equipment. The whole cart drains out the bottom of the strainer, and the centrifugal pump has a radiator drain plug. The nozzle monitor and all boom lines can be blown out with compressed air. If the forecast says frost is possible you're safe in less than 5 minutes. The sprayer will self load quickly, or it can be bottom loaded with your transfer pump through the standard 2 inch quick coupler.

Clean water wash tank



When changing products, if you need to wash the tank, you have a 45 gallon fresh water tank as standard equipment. Combined with the high pressure tank wash nozzle below, you can clean the main tank with very little water in the field and spray out the rinsate. You don't have to figure out what to do with hundreds of gallons of dirty water.

Tank wash nozzle



Sparge tube agitator



When the big rigs go spraying they must have properly mixed solution. To guarantee this, they use sparge tubes, instead of jet agitators. This does a much better mixing job, and doesn't make a bunch of foam that prevents the use of the last 30 or 50 gallons because the pump loses prime.

Chemical Free cab



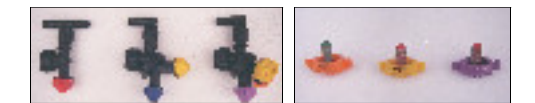
Wash your hands or clean dirty tips. Store spare nozzles as well as your gloves and goggles away from the tractor cab. Ag Shield's standard safety wash tank and tool kit protects the operator from excess chemical exposure.

Mix & Fill tank

If you're not loading product off the water truck in bulk, the optional chemical educator tank and Pesti-Rinser jug washer can simplify chemical mixing. We also offer the Handler if required.



Pesti Rinser Wilger Combojet nozzles



Ag Shield installs the Wilger nozzle system on sprayers. It uses the original one piece molded nozzle-cap assembly with a snap-in screen to make service a breeze. With almost double the surface area of other tip screens you're not there often. But if you are, you're not fumbling with 4 separate pieces in the dirt.

We've been spraying with Ag Shield sprayers since 1991. The Shields definitely let you work in a stiff breeze, and weed kills have been excellent. We've had very few repairs needed, and service has been quick.

Les & Don Odell, Hargrave, MB

Tough Flexible Shields

Compare Ag Shield to the competition. Our tough solid shields actually stop the wind from wrecking your spray patterns. The special plastic compound we've been using for 18 years resists Ultra Violet breakdown—most of our first ones are still running with the original shields 15 (or more) years later.

The plastic is so tough it has a 3 year warranty even if you drag it on the ground. Ask the competition about their durability.



ON TARGET  ON TIME  EVERY TIME

