

# Agricultural Spray Equipment



“Always on Target”

## 2024 Product Catalog

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# Introduction

## **ABOUT BOWMAN MANUFACTURING CO., INC.**

Bowman Manufacturing has been a leader in the agricultural spray equipment industry since 1973. Our product line includes self-propelled, tractor, and ATV mounted sprayers and rope wick applicators, designed by farmers, for farmers. Our goal is to build “quality proven” products by field testing all designs on our own farming operation. Our 35,000 square foot production facility is located adjacent to the Bowman Family farm near Newport, Arkansas.

## **BOWMAN MANUFACTURING CO., INC. LIMITED WARRANTY**

Bowman Manufacturing Co, Inc. (“BMC”) warrants all products to be free from defects in material and workmanship for a period of 1 year from the date of delivery of the product to the original retail purchaser. BMC shall repair or replace, at its discretion, free of charge, any part that shows evidence of such defect.

It is the owner’s responsibility to return all products in question to BMC, freight prepaid, or to deliver the product to a place designated by BMC for warranty evaluation.

Under no circumstances will this warranty cover any item or component thereof which, in the opinion of BMC, has been subjected to misuse, unauthorized modification, neglect, improper maintenance, accident, or substitution of parts other than those obtainable through BMC, nor will it cover normal wear associated with use of the item.

BMC shall have no obligation or liability of any kind for consequential injury or damages to person or property. This warranty does not extend to the loss of crops, loss because of work delay, or any expense or loss incurred for labor, substitute machinery, rental, or for any other reason. BMC MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND BMC SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

No one is authorized to alter, modify or enlarge this warranty nor the exclusions, limitations or reservations.

## **CHANGES AND IMPROVEMENTS**

Bowman Manufacturing reserves the right to make changes or add improvements at any time without incurring any obligation to make such changes on products sold previously. Specifications are subject to change without notice.

## **FREIGHT AND RETURNS**

All sales are FOB Bowman Manufacturing, Newport, Arkansas. Returns must have prior approval, must be shipped freight prepaid, and are subject to a 15% restocking and reconditioning charge.

## **TRADEMARKS**

WickMaster is a registered trademark and AgMate, EagleWing, MudMaster, Rope-A-Dope, RiceMate, StreamLine, and WeedWand are trademarks of Bowman Manufacturing Company.

ConeJet, GunJet, QuickTeeJet, TeeJet, TriggerJet, Turbo TeeJet, and XR TeeJet are registered trademarks of Spraying Systems Company.

Roundup is a registered trademark of Monsanto Company.

# MudMaster™ 4WD Multi-Purpose Sprayer



***When The Going Gets Tough. . . The MudMaster Gets Going!***

## **Features**

- Diesel Engine. Liquid cooled, high torque, 3-cylinder turbo diesel engine produces 58 HP and is weight conscious for maximum machine performance.
- Electronic Control Panel. Robust, multifunction display features an easy-to-read 3.8-inch monochrome LCD screen displaying engine diagnostics and fuel level. Includes a backlit and heated graphic display with five tactile push buttons for throttle control and menu access.
- Hydrostatic Transmission. Features two high efficiency hydraulic pumps powering the front and rear wheels independently. Each wheel has its own heavy-duty, high torque hydraulic motor providing full time 4WD to handle the toughest field conditions.
- Hydraulic Oil Cooler. Quiet, electric fan oil cooler prevents hydraulic fluid from overheating. The oil cooler and engine radiator fans both push air flow away from the operator to ensure a safe working environment.
- Heavy-Duty Frame and Center Hinge. The frame is designed to handle torsional stress and heavy loads. The center hinge articulates for steering, oscillates to keep all four wheels on the ground at all times, and features bronze bushings for durability.
- Low Maintenance. With no chains, belts, or gears, routine servicing only requires daily greasing of two pivot fittings and periodic oil and filter changes.
- Minimal Crop Damage. Tall, narrow tires provide plenty of ground clearance and are adjustable in width to match your row crop spacing.
- Durable and Reliable Chemical Pump. Hydraulically powered centrifugal pump provides plenty of volume and pressure.
- Quick Fill-Up. Simply plug the chemical supply hose from the optional transport/nurse trailer into the sprayer's inlet for quick and easy refills.
- Spray Manifold. Three quick connect receptacles offer easy hookup of spray hoses and allow selection of left, right, center, or any combination of sections on the optional broadcast boom.
- Spray Gun. Convenient for spot spraying weeds in hard to reach areas.
- Thoughtful Control Layout. All controls are conveniently placed within easy reach of the operator to keep you on top of things at all times. The offset steering wheel allows easy mounting and dismounting while improving visibility and spray gun use.
- Suspension Seat. Adjustable, mechanical spring suspension with fore and aft seat adjuster helps to ensure all-day operator comfort.
- Quick-Lock Transport Clevises. Minimizes tie-down when used in conjunction with the optional transport/nurse trailer.
- Dual Hydraulic Remotes. Allows operation of two hydraulic circuits. Additional remotes available (see pg. 5).
- GPS Speedometer. Displays ground speed in tenths of MPH.

**Note:** MudMaster pictured here with optional automatic spray controller.

- Transmission. Dual hydrostat pumps; 0 to 9 MPH variable speed, forward and reverse, with neutral position; hand lever control; four hydraulic wheel motors, full time 4WD.
- Spray System. Hydraulic centrifugal pump, 60 GPM @ 40 PSI; hand trigger type spray gun.
- Tires. 8.3 x 24, 8 ply.
- Wheel Base. 91 in.
- Overall length. 161 in.
- Width. 93 in outside of frame.
- Height. 106 in. to top of canopy.
- Ground Clearance. 46 in.
- Wheel Spacing. Adjustable from 73 to 98 in.; (73 to 89 in. when equipped with standard hydraulic lift.)
- Turning Radius. 8 ft. 6 in. to center of machine.
- Weight. Approx. 3,300 lbs. with operating fluids, without chemical.
- Fuel Tank. 15 gallon.
- Hydraulic Fluid Tank. 15 gallon.
- Spray Tank. 110 gallon, polyethylene, with plumbing for quick fill-up. Vented to prevent pressure build-up.
- Warranty. Engine: 3-year extended limited warranty. All other components: 1-year limited warranty.



**WARNING - Serious injury or death may occur when proper safety and common sense are not observed.**

The MudMaster was designed to operate on flat ground. Extreme caution should be used when operating on slopes or inclines to prevent overturn. Bowman Manufacturing offers a specially designed trailer to transport the MudMaster and does not recommend the use of any other trailer for such purpose. Wheel spacing should be maintained at the widest acceptable setting in order to decrease the risk of overturn. Safety belts are standard equipment and should be worn at all times. Maintain all warning decals, reflective tape, and slow moving vehicle (SMV) signs. Do not operate under the influence of alcohol or drugs. Do not allow underage drivers to operate this equipment.

Item No.	Description	Wt. lb.	Retail US \$
MM2024	Base machine	3,300	55,000

# MudMaster™ Transport/Nurse Trailer



## ***Easy-To-Load Trailer . . . Plus A Nurse System To Quick Fill Your MudMaster™***

### **Features/Specifications**

- Quick Lock Down. Drive the MudMaster onto the trailer, drop two hitch pins through the Quick-Lock clevises, push retainer clips through hitch pins and you're ready to go.
- Tandem Axles. Two 3,500 lb. heavy duty axles with electric brakes (rear axle only) assure smooth ride and strong suspension.
- Low Profile Design. Low profile ramps assure trailer stability and safety. Removable ramp sections allow clear access to wheels.
- Strong Bumper Hitch. Heavy duty trailer tongue with safety chains attaches securely to a 2" ball.
- Tongue Jack. Crank the trailer tongue up and down for easy hookup. Jack swivels for travel.
- Electrical System. 6-circuit electrical plug for lighting and brakes (brake controller not included).
- Nurse System. 200 gallon low profile elliptical tank, gasoline engine with self-priming centrifugal transfer pump, and filler hose with quick coupler. Large line strainer keeps trash from entering transfer pump and MudMaster spray tank. Includes 15 gallon mix/fill tank and flush system.
- MudMaster Wheel Spacing. Accommodates MudMaster wheel spacing of 75" to 90", center to center.



### **Safety First**

Red and white reflective tape increases nighttime visibility. Safety chains on bumper hitch assure trailer stays with pickup at all times. Low profile design keeps MudMaster and trailer stable.

Item No.	Description	Wt. lb.	Retail US \$
T-MM	Trailer with nurse system, 3.5 hp Briggs & Stratton engine	1,820	8,750.00
	Upgrade to 5.5 hp Honda engine		500.00

# MudMaster™ Hydraulic Lift



## *Hydraulically Raise and Lower Your Attachments!*

### Features/Specifications

- Great Stability. Widely spaced mounting points on the hydraulic lift assure stability of the lift and attachments.
- Flexible Mounting. Hydraulic lift mounts to MudMaster front or rear toolbar interchangeably. If desired, front and rear hydraulic lifts may be used at the same time.
- Exceptional Height Range. 50 in. range, from 30 to 80 in. above ground (without attachments).
- Parallel Linkage. Attachments are held at a constant angle as lift is raised and lowered.
- Hydraulic System. Two 2.5" x 8" cylinders easily and smoothly raise and lower attachments. Hydraulic hoses plug into MudMaster™ quick couplers.
- Required to operate the following attachments:
  - 30' broadcast boom
  - WickMaster ropewick applicator
  - Spill puller

### Ordering

Additional hydraulic remote outlets may be required for applications where multiple lifts and/or hydraulic folding is desired. A separate remote is required for each hydraulic lift and each wing section controlled (simultaneous fold requires two remotes; independent fold requires three). Price for remote upgrade includes factory installation PRIOR TO INITIAL DELIVERY.

Item No.	Description	Wt. lb.	Retail US \$
HL-MM	Hydraulic lift	165	1,300.00
4HR-MM	4 hydraulic remote outlets (upgrade from 2).		450.00

# MudMaster™ Broadcast Boom



30 ft.



41 ft.

## Spray Entire Boom Width Or Just The Sections You Want!

### Features

- 30' or 41' Sizes. Includes Quick TeeJet no-drip diaphragm nozzles, tip stainers, quick twist aligning caps and heavy duty boom clamps.
- 3-Way Spray. Selectively spray through the left section, right section, center section or any combination of the three.
- Breakaway Wing Hinges. Wings breakaway to prevent damage to wing when it hits an obstruction. Springs return the wings automatically to working position when tripped.
- Removable Stands. Stands protect boom and spray nozzles when boom is detached from MudMaster. Stands also help when attaching the boom to the MudMaster.
- Wing Alignment And Leveling. Wings may be adjusted for true alignment and leveling.
- Folding Options. Choose between simultaneous or independent hydraulic fold on all models. (30' model comes in manual fold also.)
- Hydraulic Lift. 41' model includes a specially designed hydraulic lift. (Hydraulic lift for 30' boom must be ordered separately, see page 5.)

### Specifications

Model	Coverage	Height	Folded Width	Nozzles	Nozzles Spacing	Clearance
SL	30'4"	116"	137"	13	28"	20"-70"
EW418	41'8"	103.5"	178"	25	20"	24"-59"

TIP	PSI	GPA 28" nozzle spacing				
		4 mph	5 mph	6 mph	7 mph	8 mph
TT11002-VP (yellow)	15	6.3	5.0	4.2	3.6	3.2
	20	7.4	5.9	4.9	4.2	3.6
	30	8.9	7.2	5.9	5.1	4.5
	40	10.5	8.5	7.0	6.0	5.2
	50	11.6	9.3	7.7	6.5	5.8
TT11003-VP (blue)	15	9.4	7.6	6.3	5.4	4.7
	20	11.0	8.9	7.4	6.3	5.6
	30	13.6	10.9	9.1	7.8	6.8
	40	15.5	12.6	10.5	9.0	7.8
	50	17.7	14.1	11.9	10.2	8.9
TT11004-VP (red)	15	12.6	10.1	8.5	7.2	6.3
	20	14.9	11.8	9.8	8.5	7.4
	30	18.4	14.9	12.2	10.5	9.2
	40	21.2	16.9	14.0	12.0	10.5
	50	23.3	19.0	15.5	13.5	11.8

TIP	PSI	GPA 20" nozzle spacing				
		4 mph	5 mph	6 mph	7 mph	8 mph
XR8002-VS (yellow)	15	8.9	7.1	5.9	5.2	4.5
	20	10.4	8.3	6.9	6.1	5.2
	30	12.6	10.1	8.4	7.4	6.3
	40	14.9	11.9	9.9	8.7	7.4
	50	16.3	13.1	10.9	9.6	8.2
XR8003-VS (blue)	15	13.4	10.7	8.9	7.8	6.7
	20	15.6	12.5	10.4	9.1	7.8
	30	19.3	15.4	12.9	11.3	9.7
	40	22.0	17.8	14.9	13.0	11.1
	50	25.0	20.0	16.8	14.9	12.6
XR8004-VS (red)	15	17.8	14.3	11.9	10.2	8.9
	20	21.0	16.6	13.9	11.9	10.4
	30	26.0	21.0	17.3	14.9	13.0
	40	30.0	24.0	19.8	17.0	14.9
	50	33.0	27.0	22.0	19.1	16.7



## Ordering

Boom does not include tips, Turbo TeeJet tips recommended for 30' boom (13 required), XR TeeJet tips recommended for 41' boom (25 required). Additional hydraulic remote outlets may be required for applications where multiple lifts and/or hydraulic folding is desired. A separate remote is required for each hydraulic lift and each wing section controlled (simultaneous fold requires two remotes; independent fold requires three). MudMaster comes standard with 2 hydraulic remotes. See page 5 for additional remote outlets.

Item No.	Description	Wt. lb.	Retail US \$
SL-MM-M	30' broadcast boom, manual fold, <u>without</u> hydraulic lift	236	1,750.00
SL-MM-S	30' broadcast boom, simultaneous hydraulic fold, <u>without</u> hydraulic lift	282	2,150.00
SL-MM-I	30' broadcast boom, independent hydraulic fold, <u>without</u> hydraulic lift	286	2,250.00
EW418-MM-S	41' broadcast boom, simultaneous hydraulic fold, <u>includes</u> hydraulic lift	666	5,400.00
EW418-MM-I	41' broadcast boom, independent hydraulic fold, <u>includes</u> hydraulic lift	670	5,500.00



## ***Pressurized, No-Drip System Keeps Ropes Wet While Recovering Unused Chemical.***

### **Features**

- Patented pressure/vacuum system uses a 12-volt pump to pressurize the top chemical tube while drawing a vacuum on the bottom collector tube, thereby circulating chemical through ropes. Eliminates chemical loss from drip and recovers unused chemical. Constantly recharges ropes under pressure (faster than gravity flow) allowing for faster application speed (up to 5mph vs. 3mph with gravity flow).
- Allows safe use of non-selective chemical above the crop and is proven effective even on chemical resistant weeds.
- Chemical flow rate can be adjusted from “drip-free” to “steady stream” using the pressure relief valve. Optimum flow rate occurs when ropes are fully saturated just to the point of dripping and all unused chemical is recycled. Application rate = 0 to 3gpa @ 5 mph, depending on relief valve setting.
- Vertically angled ropes result in 10 times more rope-to-weed contact.
- One pass with the WickMaster kills more than 90% of weed infestation.
- Durable wick ropes are made with a diamond braid polyester jacket over an acrylic core and are easily removed for cleaning or replacing.
- Heavy wall 3” PVC pipe with threaded adapters to prevent leaks and internal baffles to prevent end-to-end chemical surges.



### **Applicator Specifications**

<u>Item No.</u>	<u>Rope Coverage</u>	<u>Transport Width</u>	<u>Total Capacity (Gal.)</u>	<u>Total Working Volume (Gal.)</u>
WM-MM	20 ft.	248"	7.5	2.0-6.0

### **Ordering**

A hydraulic lift is required (order separately, see page 5). A wickbar transport rack is available for MudMaster trailer (order separately, see page 9).

Item No.	Description	Wt. lbs.	Retail US \$
WM-MM	WickMaster ropewick applicator, 20 ft.	156	3,150.00



### *Transport Your Wickbar The Easy Way!*

#### Features/Specifications

- One Man Job. With this transport rack one man can detach the wickbar from the MudMaster and re-attach it for the next job.
- Quick Tie Downs. Strong tie down straps quickly lock down the wickbar to the rack.
- Easy Mount. Mounts to right side of the MudMaster trailer to avoid oncoming traffic.



#### **Safety First**

Mounting rack to side of trailer increases travel width. Stay clear of objects near rack when traveling.

#### Ordering

Wickbar transport rack fits MudMaster transport/nurse trailer (order trailer separately).

Item No.	Description	Wt. lbs.	Retail US \$
WR-MM	Wickbar transport rack for MudMaster trailer.	138	550.00

# MudMaster™ Rider Seats



## Spot Spray, Rogue or Just Enjoy the Ride!

### Features

- Extra riders. Dual seats allow 2 extra riders to rogue fields for weeds like red rice and to spot spray weeds in row crops.
- Add on Toolbars. Simply bolt-on the extended toolbars to each side of the front axle of the MudMaster.
- Rider Comfort. Each toolbar has a durable cushioned seat, large umbrella for protection from the hot sun, retractable ladder that pulls down for easy mounting and trips up for travel, and a sizeable floor board with expanded metal for anti-slip and solid, secure foot support.
- Spray Gun Kit (optional). Features three brass spray guns with 18" extensions - one for each rider and one for the operator.

Item No.	Description	Wt. lbs.	Retail US \$
RSG-MM	Dual rider seats with spray gun kit.	274	2,150.00
RS-MM	Dual rider seats less spray gun kit.	268	1,850.00

# MudMaster™ Levee Boom



For levee spraying, use of the specially designed levee boom, instead of the hydraulic lift and broadcast boom, reduces total machine weight by more than 10% (approximately 375 lbs.) helping you get through tougher field conditions and reducing chemical waste. The independently plumbed 2-section boom (center section and one wing) mounts directly to the MudMaster.

### Features/Specifications

- Height adjustable center section for straddling levees.
- Vertically folding single wing for spraying outside levees and field edges.
- 6 Quick TeeJet no-drip nozzles on 28" spacing with low drift Turbo TeeJet wide angle tips.

Item No.	Description	Wt. lbs.	Retail US \$
LB-MM	Levee Boom (Center section and one wing, with tips)	41	450.00

# MudMaster™ Spill Puller Package

**Save Back Strain, Time And Money!**



## Features/Specifications

- Quick and Easy. Carefully lifts spills out of the ground, reducing torn and ruined spills. Works equally well on wooden boards or rebar rods/stakes.
- Front Mount. Attaches to MudMaster hydraulic lift (sold separately) mounted on front toolbar for good visibility.
- Buddy Seat. Attaches to MudMaster front toolbar and allows a rider to get on and off while the operator controls the hydraulic lift. Comes with large floor board and retractable ladder. (Does not include umbrella.)
- Stake box. Attaches to front toolbar and holds the stakes that have been pulled out of the ground.
- Rear rack. Attaches to rear toolbar and holds the spills while MudMaster carries them out of the field.

## Ordering

Hydraulic lift required (order separately, see page 5).

Item No.	Description	Wt. lbs.	Retail US \$
SP-MM	Spill puller, buddy seat, stake box and rear rack	474	2,100.00
SPO-MM	Spill puller only		650.00

# MudMaster™ Levee Ram

## ***Cut Drainage Slots Through Stubborn Rice Levees***

The Levee Ram is designed to cut through deeply rooted rice levees in sticky, gumbo mud. When draining rice fields, it easily pushes through levees to help get water off faster. The Levee Ram attaches to the front legs of the MudMaster, raises/lowers using its own hydraulic cylinder, and comes with a cylinder lock to prevent leak-down during transport and stands for easy attachment.



Item No.	Description	Wt. lbs.	Retail US \$
LR-MM	Levee Ram	325	1,300.00

# MudMaster™ Ditcher Plow



***Dry Your Fields Days Faster And Get A Jump On Planting Season!***

**Easy To Use!**

Our two-blade ditcher cuts a clean, continuous set of drains for removing standing water. The heavy-duty, 22-inch blades run just outside the tire tracks and deposit the dirt from the ditches in the tire tracks. Blade arms can be removed and repositioned on the rear of the tool bar to minimize transport width. Attaches to rear legs of MudMaster and raises/lowers using its own hydraulic cylinders.

**Easy To Transport!**

Because the MudMaster is so easy to transport, using our transport/nurse trailer, you're able to move quickly and follow the rain.

Item No.	Description	Retail US \$
DP-MM	Ditcher Plow	2,250.00

# MudMaster™ Mud Stomper Furrow Openers

**Turn your MudMaster into a water removal tool!**

Mud Stomper furrow openers “stomp” an inlet in the drain (tire ruts) left by the MudMaster as you drive through wet fields. Simply bolt the furrow openers onto the hubs of the MudMaster’s rear wheels (fits year models 2004 - current) and drive. Easily removes standing water while reducing drying time, especially important before and during planting season. Depth of the furrow opener can be adjusted using set screws to match your specific field conditions.

**IMPORTANT: TO REDUCE CHANCE OF DAMAGE, HEIGHT OF FURROW OPENER MUST BE REDUCED TO MINIMUM SETTING PRIOR TO TRANSPORT**



Item No.	Description	Retail US \$
MS-MM	Furrow opener, set, MM 2004-current	450.00

# MudMaster™ Precision Spraying Options

## Automatic Spray Controller



The Automatic Spray Controller constantly maintains your target spray rate for you by automatically adjusting your spray pressure to compensate for changes in ground speed. No longer does the operator need to carry calibration charts to remember the correct pressure to spray at various ground speeds. Simply enter your target spray rate (GPA) and tip size into the Rate Controller, and start spraying. Your ground speed is constantly monitored and your spray pressure is automatically adjusted to maintain your target spray rate.

The Automatic Spray Controller replaces the MudMaster's standard, manual controls and includes electronic ball valves for independent control of 3 boom sections. **This option is best suited for customers who spray a large number of acres or who require the utmost in application accuracy.**

## Matrix 430 GPS Guidance System

GPS guidance is no longer too complicated or too costly. Easy operation and affordable pricing make Matrix 430 the best value in GPS guidance. The full-color, touchscreen display with coverage mapping allows the operator to navigate fields with minimal skips and overlaps in coverage.

- Compact size allows mounting in front of operator for easy viewing
- High-contrast, full-color, 4.3 inch touchscreen provides superior visibility in bright light
- On-screen coverage mapping shows where you've already sprayed
- Displays additional info including: acres sprayed, time worked, and ground speed
- Guidance modes include: Straight AB, Curved AB, Circle Pivot, and Last Pass
- Boundary function allows for precise measurement of field area
- Produces Google Earth coverage maps and reports in .KML or .PDF format



### Installation

Price includes factory installation PRIOR TO INITIAL DELIVERY. Additional charge of \$350 will be added for installation of automatic spray controller AFTER INITIAL DELIVERY.

Item No.	Description	Retail US \$
ASC-MM	Automatic Spray Controller	4,000.00
LG-MM	Matrix 430 GPS Guidance System, with mounting bracket for MudMaster	2,200.00

# WickMaster<sup>®</sup> Pressurized/Recirculating Ropewick Applicator



## ***Pressurized, No-Drip System Keeps Ropes Wet While Recovering Unused Chemical***

### **Features**

- Patented pressure/vacuum system uses a 12-volt pump to pressurize the top chemical tube while drawing a vacuum on the bottom collector tube, thereby circulating chemical through ropes. Eliminates chemical loss from drip and recovers unused chemical. Constantly recharges ropes under pressure (faster than gravity flow) allowing for faster application speed (up to 5mph vs. 3mph with gravity flow).
- Allows safe use of non-selective chemical above the crop and is proven effective even on chemical resistant weeds.
- Chemical flow rate can be adjusted from “drip-free” to “steady stream” using the pressure relief valve. Optimum flow rate occurs when ropes are fully saturated just to the point of dripping and all unused chemical is recycled. Application rate = 0 to 3gpa @ 5 mph, depending on relief valve setting.
- Vertically angled ropes result in 10 times more rope-to-weed contact.
- One pass with the WickMaster kills more than 90% of weed infestation.
- Durable wick ropes are made with a diamond braid polyester jacket over an acrylic core and are easily removed for cleaning or replacing.
- Heavy wall 3” PVC pipe with threaded adapters to prevent leaks and internal baffles to prevent end-to-end chemical surges.
- Available with two tractor mounting options: 1.) weight bracket mount or 2.) loader bucket mount.



### **Applicator Specifications**

<u>Item No.</u>	<u>Rope Coverage</u>	<u>Transport Width</u>	<u>Total Capacity (Gal.)</u>	<u>Total Working Volume (Gal.)</u>
WM-LB	20 ft.	248"	7.5	2.0-6.0
WM20F	20 ft.	114"	7.5	2.0-6.0
WM26.5F	26.5 ft.	114"	10.2	2.5-8.0
WM30F	30 ft.	114"	11.4	3.0-9.0



## Weight Bracket Mount



- Parallel linkage lift mounts in place of tractor's weight bracket and holds ropes at a constant angle while raising/lowering. Includes 2 x 10 inch, flow restricted, hydraulic cylinder.
- 4 ft. range of height adjustment. Actual achievable heights will vary by tractor make/model.
- Universal mounting brackets fit most tractors. Does not fit JD4010/4020.
- Available in 20, 26.5, or 30 ft. folding models
- Folding models feature a multi-position, manual folding linkage which can easily be converted to hydraulic fold by replacing the manual linkage with your own hydraulic cylinders/hoses (not included). Wings adjust for true alignment and precise leveling.

## Loader Bucket Mount



- Use your front end loader to raise/lower the applicator and to tilt the ropes to the appropriate angle.
- Attaches using 2 heavy-duty bucket clamps.
- Available in 20 ft. rigid only

## Ordering

Item No.	Description	Wt. lbs	Retail US \$
WM-LB	20 ft. rigid, Loader Bucket Applicator	193	3,500.00
WM20F	20 ft. fold, Weight Bracket Applicator	635	5,650.00
WM26.5F	26.5 ft. fold, Weight Bracket Applicator	800	7,200.00
WM30F	30 ft. fold, Weight Bracket Applicator	810	7,400.00

# Rope-A-Dope™

## Gravity Flow Ropewick Applicator



### ***Safely Apply Non-Selective Chemical On Weeds That Grow Above Crops, Pastures, And Food Plots***

#### **Features**

- Uses a simple gravity flow principle. Simply pour chemical mixture into pipe, tilt ropes to appropriate angle, and wipe wet ropes across weeds that are taller than the crop.
- Flow rate can be regulated by changing the tilt angle of the pipe, adjusting the tightness of the rope caps, or altering the thickness of the chemical mixture.
- Allows use of non-selective chemical to control unwanted weeds and grasses.
- 5 and 7.5 ft. pipes can be connected together for uninterrupted rope coverage by overlapping ropes from one applicator to another. Create your own custom length by mixing/matching sizes. Example: To achieve a total length of 20 ft., combine two 7.5 ft. units and one 5 ft. unit. Future expansion is simple - just add additional units!
- Lower chemical cost per acre than spraying.
- Environmentally safe – eliminates wind drift and chemical waste.
- Durable wick ropes are made with a diamond braid polyester jacket over an acrylic core and are easily removed for cleaning or replacing.
- Heavy wall 3" PVC pipe with threaded adapters to prevent leaks. Pipes are vented for continuous flow.
- Available with two tractor mounting options: 1.) weight bracket mount or 2.) loader bucket mount.

#### **Applicator Specifications**

<u>Item No.</u>	<u>Width</u>	<u>Effective Rope Coverage</u>	<u>Total Capacity (Gal.)</u>	<u>Total Working Volume (Gal.)</u>
WT5	5 ft.	58"	1.6	0.4-1.2
WT7.5	7.5 ft.	88"	2.5	0.6-1.8



### **Weight Bracket Mount:**

- Parallel linkage lift mounts in place of tractor's weight bracket and holds ropes at a constant angle while raising/lowering. Includes 2 x 10 inch, flow restricted, hydraulic cylinder.
- 4 ft. range of height adjustment. Actual achievable heights will vary by tractor make/model.
- Universal mounting brackets fit most tractors. Does not fit JD4010/4020.
- Available in widths from 7.5 to 20 ft.



### **Loader Bucket Mount:**

- Use your front end loader to raise/lower the applicator and to tilt the ropes to the appropriate angle.
- Attaches using 2 heavy-duty bucket clamps.
- Available in widths from 7.5 to 20 ft.

Item No.	<b>APPLICATOR ONLY</b>	Wt. lbs.	Retail US \$
WT5	5 ft. Gravity Flow Applicator (no mount)	10	185.00
WT7.5	7.5 ft. Gravity Flow Applicator (no mount)	14	255.00

Item No.	<b>APPLICATOR &amp; WEIGHT BRACKET MOUNT</b>	Wt. lbs.	Retail US \$
RD7.5	7.5 ft. Weight Bracket Applicator	280	1,850.00
RD10	10 ft. Weight Bracket Applicator	285	1,965.00
RD12.5	12.5 ft. Weight Bracket Applicator	290	2,035.00
RD15	15 ft. Weight Bracket Applicator	325	2,225.00
RD17.5	17.5 ft. Weight Bracket Applicator	330	2,340.00
RD20	20 ft. Weight Bracket Applicator	335	2,410.00

Item No.	<b>APPLICATOR &amp; LOADER BUCKET MOUNT</b>	Wt. lb.	Retail US \$
RD-LB7.5	7.5 ft. Loader Bucket Applicator	129	750.00
RD-LB10	10 ft. Loader Bucket Applicator	135	865.00
RD-LB12.5	12.5 ft. Loader Bucket Applicator	139	935.00
RD-LB15	15 ft. Loader Bucket Applicator	170	1,125.00
RD-LB17.5	17.5 ft. Loader Bucket Applicator	176	1,240.00
RD-LB20	20 ft. Loader Bucket Applicator	180	1,310.00



### ***The Ideal Tool For Applying Chemical To Unwanted Grass And Weeds***

- Lawn, Utility And Farm Use. Kill bermudagrass in flowerbeds without harming the flowers. Wipe out weeds without damaging your lawn. Trim along sidewalks, driveways, mailboxes, buildings, utility poles and fences. Spot control weeds like Johnsongrass in row crops, rice fields and pastures. Ideal to use with chemicals like Roundup.
- Environmentally Safe. Eliminates wind drift and splatter around desired vegetation and is safe around animals too. Note: Always read and follow chemical manufacturer's label.
- Effective And Economical. Kill only what you wipe with this low cost applicator. Reduced chemical waste also reduces chemical cost.
- Simple To Use. Pour chemical into top of handle and wipe rope across weeds.
- Easy To Maintain. Rope is removable for cleaning or replacing.
- Construction. Durable PVC handle serves as chemical reservoir. Fill cap is sealed with a gasket to prevent leakage. Swivel caps squeeze rope to adjust wicking action.
- 3 Sizes. 1", 10" or 20".

<u>Item No.</u>	<u>Effective Rope Coverage</u>	<u>Capacity (oz.)</u>	<u>Weight full (lb.)</u>	<u>Handle Length (in.)</u>	<u>No. of ropes</u>	<u>Wick rope</u>
WW1	1"	10	1.50	43	1	Nylon
WW10	10"	16	2.75	43	1	Polyester/acrylic
WW20	20"	18	3.50	43	2	Polyester/acrylic

<u>Item No.</u>	<u>Description</u>	<u>Wt. lbs.</u>	<u>Retail US \$</u>
WW1	1" effective rope coverage.	1	25.00
WW10	10" effective rope coverage.	2	45.00
WW20	20" effective rope coverage.	2.5	75.00



55 gallon sprayer/30' boom



300 gallon sprayer/51' boom

### ***When It Comes To Broadcast Spraying, The AgMate Has It Covered!***

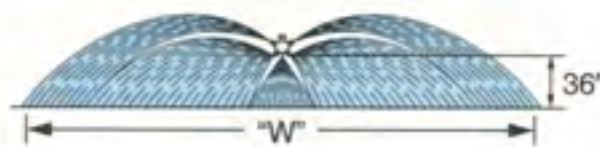
#### **Features Of The AgMate 55/110**

- Use For Broadcast Spraying. Ideal for spraying crops, pastures, orchards, nurseries, around cattle barns or poultry houses and along ditches, fences and turn rows.
  - Choice Of Booms. 15' or 30' manual fold and 30' hydraulic fold. Wings fold vertically for transport and breakaway forward or backward when it hits an obstruction. Features Quick TeeJet no drip diaphragm nozzles and includes tip strainers, quick twist self-aligning caps and heavy duty boom clamps. (See page 25 for description of 30' boom.)
  - Boomless Cluster Nozzle. Available with spray coverage of 34 to 60 ft., depending on nozzle size. (See page 21 for description.)
- Use For Spot Spraying. GunJet spray gun with 18" extension has a brass adjustable ConeJet tip that sprays a fine mist to a powerful jet reaching up to 20 ft. vertically or 38 ft. horizontally.
  - Spray Gun Hose. 25 ft. of clear braided flexible hose lets you carry the spray gun in a large 50 ft. diameter area without moving the tank.
- PTO 6 Roller Pump. Has polypropylene rollers, Viton seals, and includes a dual speed 540/1000 RPM quick coupler and torque bar.
- Pump Strainer. Easy to clean, polypropylene, in line strainer with threaded bowl and 40 mesh screen protects pump from trash.
- Heavy Duty Tank Rack. 3-point quickhitch compatible (cat. 1-2), fixed position stands, hose rack for the spray gun and hitch pins.
- Flow Control. Extendable arm places controls within easy reach of operator.
  - Boom Valve. Durable, polypropylene valve adjusts to maintain control of line pressure in conjunction with tank bypass system. Comes with pressure gauge and mounts on an adjustable bracket for operator convenience.
- Spray Tank. White, polyethylene, horizontal, sump for complete drainage, large lid for easy filling and molded in gallonage indicators. Choice of 55 or 110 gallon.

## Features Of The AgMate 200/300

- Use For Broadcast Spraying. Ideal for spraying in row crops and pastures.
- Choice Of Boom Sizes. 30' manual fold and 30', 41', or 51' hydraulic fold. Wings fold vertically for transport and breakaway forward or backward when it hits an obstruction. Spray system includes Quick TeeJet no drip diaphragm nozzles, tip strainers, quick twist self aligning caps and heavy duty boom clamps. Hydraulic system includes 2" x 8" cylinders, flow restrictors and hydraulic hoses ready to plug into tractor's hydraulic outlets. (See pages 23 & 25 for description of 30', 41' and 51' booms.)
- Boomless Cluster Nozzle. Available with spray coverage of 34 to 60 ft., depending on nozzle size. (See below for description.)
- Hydraulic Centrifugal Pump. Hydraulic motor drive, polypropylene housing, 110 GPM max, 100 PSI max.
- PTO 6 roller pump. Has polypropylene rollers, Viton seals, and includes a dual speed 540/1000 RPM quick coupler and torque bar.
- Pump Stainer. Easy to clean, polypropylene, in line strainer with threaded bowl and 50 mesh screen protects pump from trash.
- Heavy Duty Tank Rack. 3-point quickhitch compatible (Cat 2-3), removable stands and hitch pins.
- Remote Sprayer Control. Regulates 1 section or 3 section and mounts in tractor cab. Includes pressure regulating valve, pressure gauge and solenoid valves that maintain constant pressure when boom sections are shut off.
- Spray Tank. White, polyethylene, horizontal, sump for complete drainage, large 10" led for easy filling and molded in gallonage indicators. Choice of 200 or 300 gallon.

## Boomless Nozzle Assembly



W = 40 ft. with nozzle mounted at 36" height

TIP	PSI	GPA 20" nozzle spacing				
		4 mph	5 mph	6 mph	7 mph	8 mph
XR8002-VS (yellow)	15	8.9	7.1	5.9	5.2	4.5
	20	10.4	8.3	6.9	6.1	5.2
	30	12.6	10.1	8.4	7.4	6.3
	40	14.9	11.9	9.9	8.7	7.4
	50	16.3	13.1	10.9	9.6	8.2
XR8003-VS (blue)	15	13.4	10.7	8.9	7.8	6.7
	20	15.6	12.5	10.4	9.1	7.8
	30	19.3	15.4	12.9	11.3	9.7
	40	22.0	17.8	14.9	13.0	11.1
	50	25.0	20.0	16.8	14.9	12.6
XR8004-VS (red)	15	17.8	14.3	11.9	10.2	8.9
	20	21.0	16.6	13.9	11.9	10.4
	30	26.0	21.0	17.3	14.9	13.0
	40	30.0	24.0	19.8	17.0	14.9
	50	33.0	27.0	22.0	19.1	16.7

Turbo TeeJet® Wide Angle Tip Selection.

TIP	PSI	GPA 28" nozzle spacing						
		4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph
TT11002-VP (yellow)	15	6.3	5.0	4.2	3.6	3.2	2.8	2.6
	20	7.4	5.9	4.9	4.2	3.6	3.2	3.0
	30	8.9	7.2	5.9	5.1	4.5	4.0	3.5
	40	10.5	8.5	7.0	6.0	5.2	4.7	4.2
	50	11.6	9.3	7.7	6.5	5.8	5.1	4.6
TT11003-VP (blue)	15	9.4	7.6	6.3	5.4	4.7	4.2	3.8
	20	11.0	8.9	7.4	6.3	5.6	4.9	4.4
	30	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	40	15.5	12.6	10.5	9.0	7.8	7.0	6.3
	50	17.7	14.1	11.9	10.2	8.9	7.9	7.2
TT11004-VP (red)	15	12.6	10.1	8.5	7.2	6.3	5.6	5.0
	20	14.9	11.8	9.8	8.5	7.4	6.5	5.9
	30	18.4	14.9	12.2	10.5	9.2	8.2	7.4
	40	21.2	16.9	14.0	12.0	10.5	9.3	8.5
	50	23.3	19.0	15.5	13.5	11.8	10.5	9.4



### Safety First

WARNING: Stay away from over head power lines when transporting or raising wings. Electrocutation can occur without direct contact.

**NOTE:** All AgMate sprayers, boomless nozzles, 15 ft. booms, and 30 ft. booms come assembled. Factory set-up is available for EagleWing booms at \$225 net charge.

### Ordering

**Boom does not include tips.** Turbo TeeJet tips recommended for 30' boom (13 required). XR TeeJet tips recommended for 15' boom (9 required), 41' boom (25 required) 51' boom (31 required).

Item No.	Description	Wt. lbs.	Retail US \$
<b>Sprayer (without boom)</b>			
AM55-M-PTO	55 gal. 1-section manual control, PTO roller pump *	198	1,950.00
AM110-M-PTO	110 gal. 1-section manual control, PTO roller pump *	303	2,450.00
AM200-R1-PTO-SL	200 gal. 1-section remote control, PTO roller pump *	560	4,100.00
AM200-R1-HYD-SL	200 gal. 1-section remote control, hyd centrifugal pump *	570	5,000.00
AM200-R3-PTO-EW	200 gal. 3-section remote control, PTO roller pump	625	4,750.00
AM200-R3-PTO-SL	200 gal. 3-section remote control, PTO roller pump *	575	4,750.00
AM200-R3-HYD-EW	200 gal. 3-section remote control, hyd centrifugal pump	635	5,650.00
AM200-R3-HYD-SL	200 gal. 3-section remote control, hyd centrifugal pump *	585	5,650.00
AM300-R1-PTO-SL	300 gal. 1-section remote control, PTO roller pump *	583	4,350.00
AM300-R1-HYD-SL	300 gal. 1-section remote control, hyd centrifugal pump *	598	5,250.00
AM300-R3-PTO-EW	300 gal. 3-section remote control, PTO roller pump	648	5,000.00
AM300-R3-PTO-SL	300 gal. 3-section remote control, PTO roller pump *	598	5,000.00
AM300-R3-HYD-EW	300 gal. 3-section remote control, hyd centrifugal pump	658	5,900.00
AM300-R3-HYD-SL	300 gal. 3-section remote control, hyd centrifugal pump *	608	5,900.00
* - Not compatible with EagleWing (EW) booms.			
<b>Boom (without tips)</b>			
B150-AM	15' broadcast boom, manual fold	46	450.00
CN40-AM	40' boomless cluster nozzle	5	325.00
EW418-AM-S	41' broadcast boom, simultaneous hydraulic fold	465	3,300.00
EW418-AM-I	41' broadcast boom, independent hydraulic fold	469	3,400.00
EW518-AM-S	51' broadcast boom, simultaneous hydraulic fold	512	3,550.00
EW518-AM-I	51' broadcast boom, independent hydraulic fold	516	3,650.00
SL-AM-M	30' broadcast boom, manual fold	199	1,750.00
SL-AM-S	30' broadcast boom, simultaneous hydraulic fold	239	2,150.00
SL-AM-I	30' broadcast boom, independent hydraulic fold	243	2,250.00





### ***Easy Fold Up, Short Turnaround, And Accurate Spray Coverage***

#### **Features**

- 2 Sizes. 41' or 51'.
- Choice Of Mounting. 3-point quickhitch compatible (Cat 2-3) or trailer/rack mount.
- Vertical Fold. Folds like a row marker for narrow travel width.
- Break Away Wing Hinges. Wings break away to prevent damage to wing when they hit an obstruction. Springs return the wings automatically to working position when tripped.
- 2 Height Settings. Set for high or low clearance, 1 ft. adjustment.
- Hydraulic Fold. Includes 2" x 8" cylinders, flow restrictors and hydraulic hoses ready to plug into tractor's hydraulic outlets. Simultaneous fold is standard. Independent fold is optional.
- Spray Nozzles. Includes Quick TeeJet no-drip diaphragm nozzles, tip strainers, quick twist self aligning caps and heavy duty boom clamps. Single section spray system standard. Triple section spray system also available.
- Stabilized Spray Pattern. Spring/chain stabilizers minimize shock load on wings in rough ground, providing an even spray pattern.
- Wing Alignment And Leveling. Wings may be adjusted for true alignment and leveling.
- Removable Stands (3 pt. hitch model only). Stands protect boom and spray nozzles when boom is detached from tractor 3 pt. hitch. Stands also help when hooking up to tractor 3 pt. hitch.
- Long Wear Bushings. Boom is built of heavy walled tubing with bushings at pivot points.
- Bump wheels (optional). Bump wheels are available for attaching to wings so tips do not hit the ground. They are not designed to be used as gauge wheels.

#### **Specifications**

<u>Coverage</u>	<u>Mounting</u>	<u>Height</u>	<u>Folded Width At The Top</u>	<u>Folded Width At The Bottom</u>	<u>Nozzles</u>	<u>Nozzle Spacing</u>
41'8"	Quickhitch (cat 2-3)	106" (Top to hitchpin)	178"	123"	25	20"
41'8"	Trailer/rack mount	103.5" (Top to bottom)	178"	123"	25	20"
51'8"	Quickhitch (cat 2-3)	126" (Top to hitchpin)	190"	123"	31	20"
51'8"	Trailer/rack mount	123.5" (Top to bottom)	190"	123"	31	20"

## XR TeeJet Tip Selection

TIP	PSI	GPA 20" nozzle spacing				
		4 mph	5 mph	6 mph	7 mph	8 mph
XR8002-VS (yellow)	15	8.9	7.1	5.9	5.2	4.5
	20	10.4	8.3	6.9	6.1	5.2
	30	12.6	10.1	8.4	7.4	6.3
	40	14.9	11.9	9.9	8.7	7.4
	50	16.3	13.1	10.9	9.6	8.2
XR8003-VS (blue)	15	13.4	10.7	8.9	7.8	6.7
	20	15.6	12.5	10.4	9.1	7.8
	30	19.3	15.4	12.9	11.3	9.7
	40	22.0	17.8	14.9	13.0	11.1
	50	25.0	20.0	16.8	9.7	12.6
XR8004-VS (red)	15	17.8	14.3	11.9	10.2	8.9
	20	21.0	16.6	13.9	11.9	10.4
	30	26.0	21.0	17.3	14.9	13.0
	40	30.0	24.0	19.8	17.0	14.9
	50	33.0	27.0	22.0	19.1	16.7



### Safety First

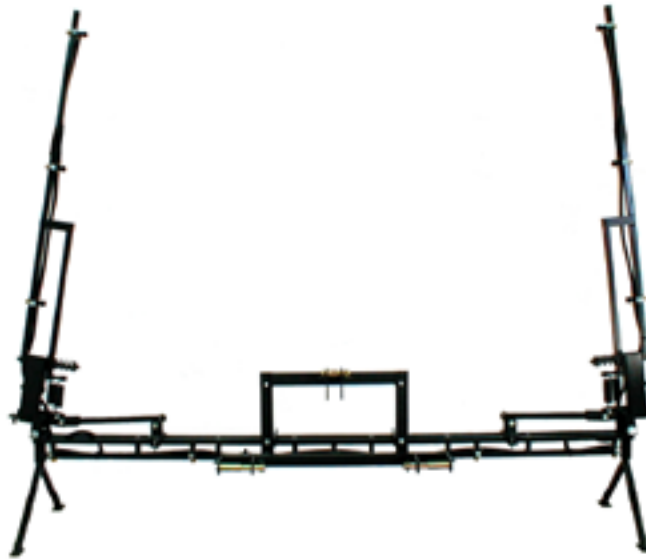
**WARNING:** Stay away from overhead power lines when transporting or raising wings. Electrocution can occur without direct contact.

### Ordering

**Boom does not include tips.** XR TeeJet tip recommended for 41' boom (25 required) & 51' (31 required).

**NOTE:** Factory set-up available. \$225 net charge.

Item No.	Description	Wt. lbs.	Retail US \$
EW418-R-S	41' Rack hitch, simultaneous hydraulic fold	439	3,300.00
EW418-R-I	41' Rack hitch, independent hydraulic fold	443	3,400.00
EW418-Q-S	41' Quick hitch, simultaneous hydraulic fold	588	3,850.00
EW418-Q-I	41' Quick hitch, independent hydraulic fold	562	3,950.00
EW518-R-S	51' Rack hitch, simultaneous hydraulic fold	481	3,550.00
EW518-R-I	51' Rack hitch, independent hydraulic fold	485	3,650.00
EW518-Q-S	51' Quick hitch, simultaneous hydraulic fold	600	4,100.00
EW518-Q-I	51' Quick hitch, independent hydraulic fold	604	4,200.00



### ***Heavy Duty, Streamline Design!***

#### **Features**

- Spray Nozzles. Quick TeeJet no-drip diaphragm nozzles, tip strainers, quick twist self aligning caps and heavy duty boom clamps.
- Choice Of Mounting. 3-point quickhitch compatible (cat 2-3) or trailer/rack mount.
- Streamline Design. No trussing to work-around. Triple bar center frame is constructed of strong heavy walled 1-1/4" square tubing. Unobstructed lower tubing provides easy and exact placement of spray nozzles.
- Breakaway Wing Hinge. Wings breakaway to prevent damage to wing when it hits an obstruction. Springs return the wings automatically to working position when tripped.
- Removable Stands (3 pt hitch models only). Stands protect boom and spray nozzles when boom is detached from tractor. Stands also help when attaching the boom to the tractor.
- Hydraulic Fold. A hydraulic cylinder kit is optional for folding the wings hydraulically. Includes 2" x 8" cylinders, flow restrictors and hydraulic hoses ready to plug into tractor's hydraulic outlets.
- Manual Fold Linkage. Makes folding quick and easy, securely holding wing up in transport position.
- Wing Alignment And Leveling. Wings may be adjusted for true alignment and leveling.

#### **Specifications**

Dimensions: width (folded) - 11'5", width (unfolded) - 28'6-1/2"; Top of folded wing to bottom of nozzle body - 9'8".

<u>Coverage</u>	<u>Fold</u>	<u>Mounting</u>	<u>Stands</u>	<u>Nozzles</u>	<u>Nozzles Spacing</u>
30'4"	Manual	Trailer/rack mount	No	13	28"
30'4"	Manual	Quickhitch (cat 2-3)	Yes	13	28"
30'4"	Hydraulic	Trailer/rack mount	No	13	28"
30'4"	Hydraulic	Quickhitch (cat 2-3)	Yes	13	28"

Turbo TeeJet Tip Selection.

TIP	PSI	GPA 28" nozzle spacing						
		4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph
TT11002-VP (yellow)	15	6.3	5.0	4.2	3.6	3.2	2.8	2.6
	20	7.4	5.9	4.9	4.2	3.6	3.2	3.0
	30	8.9	7.2	5.9	5.1	4.5	4.0	3.5
	40	10.5	8.5	7.0	6.0	5.2	4.7	4.2
	50	11.6	9.3	7.7	6.5	5.8	5.1	4.6
TT11003-VP (blue)	15	9.4	7.6	6.3	5.4	4.7	4.2	3.8
	20	11.0	8.9	7.4	6.3	5.6	4.9	4.4
	30	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	40	15.5	12.6	10.5	9.0	7.8	7.0	6.3
	50	17.7	14.1	11.9	10.2	8.9	7.9	7.2
TT11004-VP (red)	15	12.6	10.1	8.5	7.2	6.3	5.6	5.0
	20	14.9	11.8	9.8	8.5	7.4	6.5	5.9
	30	18.4	14.9	12.2	10.5	9.2	8.2	7.4
	40	21.2	16.9	14.0	12.0	10.5	9.3	8.5
	50	23.3	19.0	15.5	13.5	11.8	10.5	9.4



**Safety First**

**WARNING:** Stay away from over head power lines when transporting or raising wings. Electrocution can occur without direct contact.

**Ordering**

**Boom does not include tips.** Turbo TeeJet tips recommended (13 required).

Item No.	Description	Wt. lbs.	Retail US \$
SL-Q-M	30' Quick hitch, manual fold	287	2,000.00
SL-Q-S	30' Quick hitch, simultaneous hydraulic fold	327	2,400.00
SL-Q-I	30' Quick hitch, independent hydraulic fold	331	2,500.00
SL-AM-M	30' Trailer/rack hitch, manual fold	199	1,750.00
SL-AM-S	30' Trailer/rack hitch, simultaneous hydraulic fold	239	2,150.00
SL-AM-I	30' Trailer/rack hitch, independent hydraulic fold	243	2,250.00

# Survey Marker Plow



## ***A Universal Mount Marker Plow That's Built To Stand The Test!***

**SURVEY MARKER PLOW** - The floating plow mounts to the vehicle's receiver hitch for fast and solid, universal attachment. The plow is raised for transport and lowered for marking using a 12-volt actuator. Because of our unique floating design, the operator does not have to continually raise/lower the plow. The plow operates in the fully down position while the floating mechanism follows the contour and condition of the ground, thereby reducing stress on the frame and actuator. The plow shank and drawbar are height adjustable to match the ground clearance of the carrier vehicle. Includes wiring harness and toggle switch. An extended drawbar is available for vehicles with a rear mounted spare tire.

Item No.	Description	Wt. lb.	Retail US \$
SMP	Survey Marker Plow	115	1,500.00



### ***Turn Your ATV Into The Ultimate Farm Sprayer.***

#### **Features/Specifications**

- Use As A 20 Ft. Broadcast Sprayer. Use both sides of boom in leveled position for broadcast spraying 20 ft. wide in a single pass. Spray areas airplanes don't reach along power lines and tree lines.
- Unique Break Away Hinge. Wings break away when they hit an obstruction and fold forward for transport and storage.
- Spray Nozzles. 6 Quick TeeJet, no drip nozzles on 40" spacing with self-aligning caps. TK-VS 2.5 stainless steel FloodJet tips and 50 mesh tip strainers.
- Use As A Levee Sprayer. Use one side of boom in a raised position for spraying rice levees.
- Use As Spot Sprayer. TriggerJet spray gun is durable, lightweight, and made of polypropylene. Features positive trigger lock for continuous flow. Adjustable ConeJet tip sprays a fine mist to a powerful jet. 10'5" clear reinforced flexible hose lets you carry the spray gun in a large area without moving the tank.
- 35 Gallon Capacity. 20 gallon sprayer with a 15 gallon front auxiliary tank team up for a total of 35 gallons. Both 15 and 20 gallon tanks are white, polyethylene, low profile, with a large 5" lid.
- Diaphragm Pump. 12V, 4.9 GPM, Maximum pressures: 45 PSI (single nozzle) / 27 PSI (6 nozzles). Features quick release port fittings for easy maintenance. Will not damage pump if it runs dry. Pressure gauge and on/off switch mount on ATV handlebar for operator convenience.
- Pump Strainer. Easy to clean compact, polypropylene, in-line strainer with threaded bowl and 50 mesh screen protects pump from trash.
- Boom Control. Control the flow to either side of boom using dual shut off valves.
- Pressure Regulator Valve. Regulates pressure with tank bypass system.
- Simple Hookup. In-line quick connectors in the wiring harness make it easy to take the sprayer on and off the ATV. Comes complete with mounting hardware.



#### **Safety**

Never exceed 10 MPH with sprayer mounted on ATV. Always balance weight between front and rear tanks to avoid overturn.

Item No.	Description	Wt. lbs.	Retail US \$
RM	RiceMate sprayer complete with front and rear tanks and 20 foot broadcast/levee boom.	120	1,600.00
-LFTA	Less front tank assembly		< 300.00 >





**Thank you  
for considering our products!**