

APPLICATION EQUIPMENT

Fertilizer Applicators | Utility Sprayer | Liquid Supply Trailer





Farm King Application Equipment: Utility Sprayer, Fertilizer Applicators, Liquid Supply Trailer

FARM KING PRODUCT LINE-UP

FARM KING PRODUCT CATEGORIES

Grain Handling

Tillage

Application Equipment

Hay Tools

Landscaping Equipment

Allied by Farm King - Commercial Products

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FARM KING'S LINE OF APPLICATION EQUIPMENT IS DESIGNED AND BUILT IN WILLMAR, MN BY CRAFTSMAN STEEPED IN A TRADITION OF PROVIDING WORLD CLASS PRODUCTS.

Commercial grade construction is combined with user friendly components to create the industry's finest equipment. Whether its 300 acres or 30,000 acres, Farm King has the right solution for your liquid application needs.

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FERTILIZER APPLICATOR

FERTILIZER APPLICATOR

PRODUCT OVERVIEW

Side dress applications of liquid fertilizer

1860 - 1800 U.S. gal., 60 / 66 ft. toolbars

2460 - 2400 U.S. gal., 60 / 66 ft. toolbars

FEATURES

Rotational lift toolbar

User-friendly hydraulic system

Custom asymmetrical tank

OPTIONS

20" coulters with knives or injectors

Raven SCS450 controller

AVAILABLE COLORS



FERTILIZER APPLICATOR

MODELS 1860 AND 2460



USER-FRIENDLY HYDRAULIC SYSTEM

Only three tractor SCV valves are required for complete control of the hydraulic functions: Transport Mode - fold/unfold toolbar, Field Mode - raise/lower toolbar, and product pump - liquid deliver system. Simply set the tractor's hydraulic flow and the toolbar's rate of drop for optimum performance. This user-friendly design eliminates the need for electronic solenoids and in-cab electric/hydraulic control boxes.

EXCLUSIVE ROTATIONAL LIFT TOOLBAR DESIGN

The unique toolbar lift design provides an industry leading 36" of ground clearance, 54" on turn-rows. The hydraulic down pressure assist and wing gauge wheels provide ground contour following capabilities that are unsurpassed.

This exclusive toolbar design maximizes operator efficiency and extends the time-sensitive application window.

CUSTOM ASYMMETRICAL TANK DESIGN

The custom tank design features a hopper bottom sump, providing complete tank drainage, even in hilly conditions. The combination of dual stainless steel baffles and a low center of gravity reduce product movement and maximize tracking stability on side hills.

SPACING CONFIGURATIONS

A variety of toolbar configurations are available for row spacings; 24 row 30", 36 row 22", 36 row 20" and 18 row 38" spacing configurations.

THE 1860 AND 2460 LIQUID APPLICATORS FROM FARM KING PROVIDE AN INDUSTRY LEADING CROP CLEARANCE TO EXTEND YOUR LIQUID APPLICATION WINDOW.

The 1860 and 2460 have an impressive in row crop clearance of 36" and more than 54" of crop clearance on headland or turning rows. A custom designed asymmetrical tank helps maintain a consistent tongue weight regardless of the product volume in the tank. The cutting edge design and easy to use operation make the 1860 and 2460 the best available 60' applicators on the market.

[1] Folded for transport [2] Rotational lift toolbar [3] Asymmetrical tank design [4] Tires and axles [5] Transport position



SPECIFICATIONS

| MODEL | 1860 | 2460 |
|------------------------------------|--|--|
| Tank size | 1800 US gallon tank, stainless steel baffle, hopper bottom sump w/ 3" fill | 2400 US gallon tank, stainless steel baffle, hopper bottom sump w/ 3" fill |
| Tool bar | - 24/30" (25), 36/20" (37), 36/22" (37), 18/38" (19) coulter width - Active hydraulic down pressure - Four (4) 7.6 x 15SL gauge wheels - Double 5 x 7 mainframe and wings with 6° down flex | - 24/30" (25), 36/20" (37), 36/22" (37), 18/38" (19) coulter width - Active hydraulic down pressure - Four (4) 7.6 x 15SL gauge wheels - Double 5 x 7 mainframe and wings with 6° down flex |
| Tire size | Dual tire 380/90R54, 320/90R54 Single tire/rim 380/90R54 | Dual tire 380/90R54, 320/90R54 |
| Wheel spacing | 60"/120", 80"/120", 88"/132", 76"/152" Duals | 60"/120", 80"/120", 88"/132", 76"/152" Duals |
| Plumbing | - Ace hydraulic driven centrifugal pump kit. - 5 section Banjo electric manifold valves - Raven 450 rate controller - Visual flow monitors, standard | - Ace hydraulic driven centrifugal pump kit. - 5 section Banjo electric manifold valves - Raven 450 rate controller - Visual flow monitors, standard |
| Coulters | - Yetter 2996, parallel linkage, 20" coulter w/knife - Yetter 2995 Gen. III, single linkage, 20" coulter w/injector | - Yetter 2996, parallel linkage, 20" coulter w/knife - Yetter 2995 Gen. III, single linkage, 20" coulter w/injector |
| Ground clearance ¹ | 36" in field operation, 54" on turn rows | 36" in field operation, 54" on turn rows |
| Transport width ¹ | 18' 6" | 18' 6" |
| Transport height ¹ | 14' 6" | 14' 6" |
| Transport length ¹ | 24' 3" | 24' 3" |
| Pin to axle length | 15' 5" | 15' 5" |
| Fresh water safety tank | 9 gallon | 9 gallon |
| Quick fill | 3" | 3" |
| Empty weight ¹ | 19,900 lb | 20,100 lb |
| Tongue weight, loaded ¹ | 4,975 lb | 4,975 lb |
| Tongue weight, empty ¹ | 4,975 lb | 4,975 lb |

¹ Approximate measurement

FERTILIZER APPLICATOR

FERTILIZER APPLICATOR

PRODUCT OVERVIEW

1800 gallon tank

Vertical fold toolbars up to 45 ft.

FEATURES

High clearance toolbar

User-friendly hydraulics

Asymmetrical tank

OPTIONS

Dual tires for 20", 22", 30", 38" rows

20" coulters with knives or injectors

Raven SCS450, Viper 4, or ISO

AVAILABLE COLORS



FERTILIZER APPLICATOR MODEL 1840



HIGH-CLEARANCE TOOLBAR

The Model 1840's heavy duty toolbar leads the industry with the most crop clearance (36") and ground clearance (30") expanding the application window, minimizing crop injury, and maximizing yield potential.

USER-FRIENDLY HYDRAULICS

The hydraulic systems allows you to use your tractor's hydraulic controls during work and transport operations, making it easy and comfortable to operate.

ASYMMETRICAL TANK

The purpose built 1800 gallon tank is carried by the implement, not the tractor. There's no transfer of weight to the toolbar or drawbar, making this unit easier to pull and easier to operate.



THE NEW 1840 LIQUID APPLICATOR BRINGS THE HIGH-CLEARANCE TOOLBAR DESIGN AND USER FRIENDLY HYDRAULIC CONCEPTS TO THE MID-SIZE APPLICATOR PLATFORM.

Combined with the field proven asymmetrical tank design, this robust unit's short wheelbase tracks exceptionally well in all field conditions.

[1] 175" wheelbase **[2]** A wide stance, high clearance, parallel lift linkage **[3]** Hydraulic valve block **[4]** Visual flow monitor system **[5]** Toolbar proximity sensors



SPECIFICATIONS

| MODEL | 1840 |
|-------------------------------|---|
| Tank size | 1800 gallon, stainless steel baffle, hopper bottom sump |
| Coulters | - Yetter 2996, parallel linkage, 20" coulters w/knife - Yetter 2995 Gen. III, single linkage, 20" coulters w/injector - Hydraulic depth control assist |
| Tool bar (coulters) | - Available in 20", 22", 30", 38" rows in widths up to 45 ft.; Twin cylinder height adjust - 7 x 7 high-clearance toolbar with 15° down flex; Adjustable gauge wheels |
| Tire sizes | 380/90 R46 single and duals, 320/90R46 duals, 320/90R50 singles |
| Wheel spacing | 120" fixed, 132" fixed, 120" - 152" adj. axles |
| Pumps | - John Blue ground driven, twin piston pump - Ace hydraulic centrifugal pump kit w/Raven 450 controller, Raven Viper 4, or ISO Ready - Visual flow monitors, standard |
| Ground clearance ¹ | 36" |
| Transport width ¹ | 17' 9" |
| Transport height ¹ | 13' 3" |
| Transport length ¹ | 21.8" |
| Empty tongue weight | 3,820 lb |
| Empty weight | 12,680 lb |
| Pin to axle length | 14' 7" |
| Fresh water safety tank | 9 gallon |
| Quick fill | 3" |
| Available colors | Red / Cream, Green / Cream |

¹ Approximate measurement

FERTILIZER APPLICATOR

FERTILIZER APPLICATOR

PRODUCT OVERVIEW

1600 gallon tank

1600 U.S. gallons. Toolbars up to 42.5 ft

FEATURES

Custom tank design

Robust double frame toolbar design

OPTIONS

Ace hydraulic driven centrifugal pump with Raven SCS450 controller

CDS John Blue twin piston ground drive pump

Yetter 20" coulter with knives or injectors

AVAILABLE COLORS



FERTILIZER APPLICATOR MODEL 1460



CUSTOM TANK

The 1460 uses a 1600 U.S. gallon custom tank. The custom shaped tank features an 8" deep box sump to aid in thorough clean out and reduce pump cavitation. The 3" quick fill helps you get back into the field by loading the tank faster.

CROP CLEARANCE

The 1460 liquid applicator by Farm King allows for additional application flexibly by providing excellent crop clearance.

Timely applications help improve yields and give the operator more control over their crops.

FRAME AND TOOLBAR

The Farm King 1460 uses a double 4" x 6" mainframe with twin cylinder toolbar lift. The ground contour following toolbar is equipped with hydraulic down pressure assist and wing gauge wheels to assure constant and consistent coulter penetration. The 1460 is available with toolbar widths up to 42.5' and provides ample crop clearance.

THE 1460 APPLICATOR FROM FARM KING HELPS EXTEND YOUR APPLICATION WINDOW BY PROVIDING EXCELLENT CROP CLEARANCE.

A 1600 U.S. gallon custom tank and 8" deep sump provides thorough clean out. The double 4" x 6" mainframe toolbar is available in widths up to 42.5'.



[1] Toolbar [2] Centrifugal pump [3] Coulters [4] Custom solution tank [5] Tires and axles



SPECIFICATIONS

| MODEL | 1460 |
|-------------------------------|--|
| Tank size | 1600 gallon, stainless steel baffle, 8" deep box sump |
| Coulters | - Yetter 2996, parallel linkage, 20" coulters w/knife - Yetter 2995 Gen. III, single linkage, 20" coulters w/injector - Hydraulic depth control assist |
| Tool bar (coulters) | - Available in 12/30"(11), 12/36"(11), 12/38"(11), 12/40"(11), 16/22"(15), 16/30"(15), 16/30"(17), 24/22"(23) widths - Twin cylinder height adjust; Double 4 x 6 frame with 7° down-flex; Adjustable gauge wheels |
| Tire size | 380/90 R46 |
| Wheel spacing | 120" - 160" adjustable axle |
| Pumps | - John Blue ground driven, twin piston pump - Ace hydraulic centrifugal pump kit w/Raven SCS450 controller - Visual flow monitors, standard |
| Ground clearance ¹ | 26" |
| Transport width ¹ | 16' 5" |
| Transport height ¹ | 12' 9" |
| Transport length ¹ | 23' 6" |
| Empty tongue weight | 2,760 lb |
| Empty weight | 10,920 lb |
| Pin to axle length | 17' 3" |
| Fresh water safety tank | 9 gallon |
| Quick fill | 3" |
| Available colors | Red / Cream, Green / Cream |

¹ Approximate measurement

FERTILIZER APPLICATOR

FERTILIZER APPLICATOR

PRODUCT OVERVIEW

Side dress applications of liquid fertilizer

1000 U.S. gallons, toolbars up to 28 ft

FEATURES

Custom tank design

Robust double frame toolbar design

OPTIONS

Ace hydraulic driven centrifugal pump with Raven SCS450 controller

CDS John Blue twin piston and single piston ground drive pump

Yetter 20" coulters with knives or injectors

AVAILABLE COLORS



FERTILIZER APPLICATOR MODEL 1410



CROP CLEARANCE

The Farm King 1410 Fertilizer Applicator provides application flexibility with an excellent crop clearance. High crop clearance allows operators to apply timely and effective side dress applications to get the most from their yields.

FRAME AND TOOLBAR

The 1410 utilizes a robust 4 x 4 double mainframe with twin cylinder lift to increase reliability. Toolbars are available up to 28' and provide ample crop clearance. The 1410 offers superior ground speeds and improved penetration.

CUSTOM SOLUTION TANK

The 1000 U.S. gallon custom shaped tank on the 1410 allows for thorough cleanout a 4" deep box sump help reduce pump cavitation. Faster loading is achieved using the 3" tank quick fill.

THE 1410 FROM FARM KING IS A MARKET LEADING 1000 U.S. GALLON LIQUID APPLICATOR.

The ideal size and product features make the 1410 an excellent addition to any farm. Available with John Blue ground driven pump or Ace hydraulic centrifugal pump the 1410 can be customized to suit the needs of most operations.



[1] Wing lock [2] Flow controls [3] Coulters [4] Flow monitors [5] 3" quick fill



SPECIFICATIONS

| MODEL | 1410 |
|-------------------------------|--|
| Tank size | 1000 gallon, 4" deep box sump |
| Coulters | - Yetter 2996, parallel linkage, 20" coulters w/knife - Yetter 2995 Gen. III, single linkage, 20" coulters w/injector |
| Tool bar (coulters) | - Available in 6/30"(5), 6/38"(5), 8/30"(7), 8/38"(7), 10/38"(11), 12/30"(11), 16/22"(15) widths - Twin cylinder height adjust; Double 4 x 4 frame |
| Tire size | 16.5-16.1 SL or 320/85R38 |
| Wheel spacing | 62" - 80" adjustable axle; 88", 120" fixed width axles |
| Pumps | - John Blue ground driven, single piston pump - John Blue ground driven, twin piston pump - Ace hydraulic centrifugal pump kit w/Raven SCS450 controller - Visual flow monitors, standard |
| Ground clearance ¹ | 28" |
| Transport width ¹ | 14' 10" |
| Transport height ¹ | 11' 5" |
| Transport length ¹ | 16' 9" |
| Empty tongue weight | 1,380 lb |
| Empty weight | 5,640 lb |
| Pin to axle length | 13' 0" |
| Fresh water safety tank | 9 gallon |
| Quick fill | 3" |
| Available colors | Red / Cream, Green / Cream |

¹ Approximate measurement

LIQUID SUPPLY TRAILER

LIQUID SUPPLY TRAILER

PRODUCT OVERVIEW

4-wheel-steer liquid supply trailer

1600 U.S. gallons

120"/ 120"-140" axles

FEATURES

Custom tank/saddle

Easy to change steering linkage

320/85R38 or 18.4 x 26-10

OPTIONS

Operator platform and service ladder

Ace hydraulic centrifugal pump kit

Raven SCS450 controller with three section ball valves

AVAILABLE COLORS



LIQUID SUPPLY TRAILER

MODEL 1700



STEERING

The Farm King 1700 Supply Trailer easily converts from two-wheel steering to four-wheel steering. An operator-side cam lever lock allows for quick 2-4 wheel steer adjustments. Four wheel steer provides a tight turning radius for in-field applications. Moving between fields and backing up is made easier using two wheel steer.

CUSTOM TANK

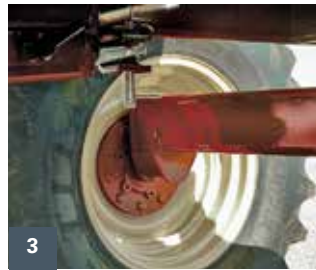
The nonreactive 1600 U.S. gallon custom tank is easy to clean and is supported by a specially designed trailer frame to maximize maneuverability for supplying planters, strip-till systems, cultivators or spraying equipment.



THE FARM KING 1700 SUPPLY TRAILER IS DESIGNED TO SUPPLY LIQUID PRODUCT TO MOUNTED AND PULL TYPE IMPLEMENTS.

A high capacity 1600 U.S. gallon tank holds ample product for almost any task. A telescoping front hitch makes the 1700 simple to hook up behind implements. The 1700 converts easily from two-wheel steering to four-wheel steering. An excellent crop clearance helps make the 1700 more flexible for your operation.

- [1]** Custom tank w/ 8 inch deep sump
- [2]** Full pan tank saddle
- [3]** 10 bolt hubs
- [4]** Plumbing



SPECIFICATIONS

| MODEL | 1700 |
|--|--|
| Tank size | 1600 gallon |
| Tire size | 18.4 x 26-10 or 320/85R38 |
| Axles | 120" fixed width axle (10 bolt hubs) 120" - 144" adjustable width axle (10 bolt hubs) |
| Turning radius | 12' 6" in four wheel steer mode 22' in two wheel steer mode |
| Empty weight ¹ | 4,217 lb |
| Wheelbase | 120" |
| Available colors | Red / Cream, Green / Cream |
| Ladder & service platform | Optional |
| Ace hydraulic driven centrifugal pump kit | Optional |
| Raven SCS450 spray controller, flow meter, and control valve; Banjo 3-section electric manifold valves and in-line strainer. | Optional |

¹ Approximate weight

UTILITY SPRAYER

UTILITY SPRAYER

PRODUCT OVERVIEW

Small acreage and rolling hills

1000 U.S. gallons

60 ft. boom

FEATURES

Custom tank

Boom Design

OPTIONS

TeeJet 744 sectional control

Raven SCS450 controller

15 U.S. gallon foam marker

5.5 U.S. gallon chemical eductor

AVAILABLE COLORS



UTILITY SPRAYER

MODEL 1000



CUSTOM TANK

A custom 1000 U.S. gallon tank is fully supported by a tank saddle to extend life. A 4" deep box sump helps provide a thorough tank clean out.

BOOM SUSPENSION

The utility sprayer's 60' boom is suspended using a coil spring with a self-stabilizing trapeze. The boom suspension

allows for a smoother ride in the field and increased application speeds.

LATTICE STYLE BOOM

The two dimensional lattice style construction of the boom provides high strength and durability in operation. The front folding boom has a strong and secure rest for safe transport between fields.



THE FARM KING UTILITY SPRAYER IS THE IDEAL MACHINE FOR SMALL FARMS WANTING TO HAVE FULL CONTROL OVER THEIR INPUTS AND FOR OPERATIONS IN EXTREME HILLY CONDITIONS.

The simple and efficient design make the Farm King utility sprayer easy to operate and maintain. Boom height adjustments are easily made using the single hydraulic cylinder and vertical mast. Farm King Utility Sprayers are available with 60' booms.

[1] Boom suspension [2] Lattice-style boom [3] Frame [4] Custom solution tank [5] Tires and axles



SPECIFICATIONS

| MODEL | 1000 | 1000 |
|--------------------------------|--|---|
| Tank size | 1000 gallon | Fresh water safety tank 9 gallon |
| Boom length, front fold | 60' | Clean water rinse tank 55 gallon |
| Boom height adjust | Vertical mast w/single hydraulic cylinder | Chemical eductor system* 5.5 gallon Hypro Cleanload™ |
| Boom suspension | Spring, gas charged shocks | Quick fill - Solution tank 2" |
| Tire size | 320 (12.4)/85R38 | Quick fill - Clean water rinse tank 2" |
| Axle assemblies | 88", 120", 144" fixed width axles (10 bolt hubs) | Ladder & service platform Standard |
| Hitches | Clevis | Light kit Standard |
| Pumps | Ace FMCSC150-HYD-206 (1 1/2" inlet) | Hitch jack Standard |
| Spray controllers | TeeJet 744 fixed rate controller and TeeJet electric boom control ball valves, 3-bank system; or Raven 450 and Banjo electric boom control ball valves, 3-bank system. | Foam marker system* 15 gallon |
| Spray boom plumbing | Poly wet boom plumbing with diaphragm single nozzle bodies (3/4") on 20" nozzle spacings. | Available colors Red / Cream, Green / Cream |
| Transport width ¹ | 13' 3" | Shipping weight ⁴ 4,130 lb |
| Transport height ² | 10' 3" | Loaded weight ⁴ 12,720 lb |
| Spray boom height ³ | 30" - 54" | Loaded tongue weights ⁴ 960 lb |
| Wheelbase | 11' 2" | |

1 May vary depending on cradle adjustments and axle width
 2 May vary depending on boom size and tire selection
 3 May vary depending on tire selection
 4 Approximate weight
 *Field accessories are not factory installed, requires dealer or end user installation.

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