

## Field Pro Features & Specifications

All Units of Measure are U.S.

	Field Pro IV - 1000 (60)	Field Pro IV - 1200 (60/80)	Field Pro IV - 1200 (90)	Field Pro IV - 1600/1850 (90)
Tractor Requirement	110 HP, Enclosed Cab	125 HP, Enclosed Cab	140 HP, Enclosed Cab	165 HP, Enclosed Cab
Transport Height	9'	9'	10'	10'
Transport Width	11' 6"	11' 6"	12'	12'
Length	19'	22'	25'	25'
Tank Sizes	1000 Gallons	1200 Gallons	1200 Gallons	1600 or 1850 Gallons
Tank Type	1000 - Gradual Radius Crop-Care w/ Integral Fresh Water And Full Length Sump	1200 - Gradual Radius Crop-Care w/ Integral Fresh Water And Full Length Sump	1200 - Gradual Radius Crop-Care w/ Integral Fresh Water And Full Length Sump	1600/1850 - Gradual Radius Crop-Care w/ Integral Fresh Water And Full Length Sump
Tank Support	Full Length Formed Steel	Full Length Formed Steel	Full Length Formed Steel	Full Length Formed Steel
Agitation	Full Tank Sparge	Full Tank Sparge	Full Tank Sparge	Full Tank Sparge
Tank Baffles	Standard	Standard	Standard	Standard
Lid Size & Type	16" Hinged Lid	16" Hinged Lid	16" Hinged Lid	16" Hinged Lid
Full Length Sump Drainage	Yes, 2" Drain	Yes, 2" Drain	Yes, 2" Drain	Yes, 2" Drain
Tank Rinse System	50 Gallon	50 Gallon	100 Gallon, 2" Quick Fill	100 Gallon, Twin Nozzle, 2" Quick Fill
Filling	2" Full Port Plumbing to Main Tank	2" Full Port Plumbing to Main Tank	2" Full Port Plumbing to Main Tank	3" Full Port Plumbing to Main Tank
Electronic Batch Fill Meter	Optional	Optional	Optional	
Personal Fresh Water	2.5 Gallon Gravity Dispensing	2.5 Gallon Gravity Dispensing	2.5 Gallon Gravity Dispensing	2.5 Gallon Gravity Dispensing
Finish	Shot Peened Surface, Phosphatic Undercoat, .004" Powder Coat Green or Black			
Empty Weight	6,160 Lbs.	7,500 Lbs.	7,700 Lbs.	8,100 Lbs.
Tongue Weight (estimated)	780 Lbs. empty to 2,440 Lbs. full est.	1,020 Lbs. empty to 2,650 Lbs. full est.	1,290 Lbs. empty to 4,200 Lbs. full est.	1,350 Lbs. empty to 3,550 Lbs. full est.
Payload (12 Lbs. per gallon product wt.)	Maximum 12,000 Lbs.	Maximum 14,500 Lbs.	Maximum 14,500 Lbs.	Maximum 22,200 Lbs.
Safety Platform	Safety tread platform with hand rails, fold up ladder.			
Hitch	Pull-from-Axle design - 3" x 5" x 1/4" rectangular tubing, Forged single or double clevis.	Pull-from-Axle design - 3" x 6" x 3/8" rectangular tubing, Forged single or double clevis.	Pull-from-Axle design - 3" x 6" x 3/8" rectangular tubing, Forged single or double clevis.	Pull-from-Axle design - 3" x 8" x 3/8" rectangular tubing, Forged single or double clevis.
Hitch To Axle Dimension	152"	185"	215"	215"
Hitch Pin Size Requirement	1 1/4" - 1 1/2"	1 1/4" - 1 1/2"	1 1/4" - 1 1/2"	1 1/4" - 1 1/2"
Axle	5" x 7" x 3/8" Std Axle 5" x 7" x 1/2" Wide Axle	6" x 8" x 3/8" Std Axle 6" x 8" x 1/2" Wide Axle	6" x 8" x 1/2" Std Axle 6" x 8" x 1/2" Wide Axle	6" x 10" x 1/2"
Crop Clearance To Bottom of Axle Tube	37"	37"	38"	38"
Tires	320/85R38 Radial 320/90R46 Radial (Optional)	320/90R46 or; 14.9R46 Radial	14.9R46 Radial	380/90R46 or; 18.4R46
Ground Pressure <sup>1</sup>	15 psi - 24 psi	12 psi - 22 psi	14 psi - 19 psi	16 psi - 29 psi
Footprint Length	320/85R38 - 26" Long 320/90R46 - 31" Long	320/90R46 - 31" Long 14.9R46 - 31" Long	14.9R46 - 31" Long	380/90R46 - 31" Long 18.4R46 - 31" Long
Spindle Size	2.75" - 8 bolt or 3.5" - 10 bolt	3.5"	3.5"	3.5"
Hub Rating	8 Bolt @ 6,000 Lbs. (10 Bolt @ 15,000 Lbs. Optional)	10 Bolt @ 15,000 Lbs.	10 Bolt @ 15,000 Lbs.	10 Bolt @ 15,000 Lbs.
Tread Width (Row Crop Tire)	80" to 120" Adjustable or; 112" to 152" Adjustable (46" tires only)	80" to 120" Adjustable or; 112" to 152" Adjustable	80"-120" Adjustable or; 112" to 152" Adjustable	88"-132" Adjustable or; (90" to 134" with 18.4R46 Tires)
Pump Type	Hydraulic Centrifugal - 1 1/2" x 1 1/4"	Hydraulic 1 1/2" x 1 1/4" (60') or; Hydraulic 2" x 1 1/2" (80')	Hydraulic Centrifugal - 2" x 1 1/2"	Hydraulic Centrifugal - 2" x 1 1/2"
Flanged-Life Guard Seal				
Pump Output (Maximum)	85 GPM @ 90 PSI and 104 GPM @ 20 PSI	85 GPM @ 90 PSI and 104 GPM @ 20 PSI (60') or; 158 GPM @ 90 PSI and 212 GPM @ 20 PSI. (80')	158 GPM @ 90 PSI and 212 GPM @ 20 PSI	158 GPM @ 90 PSI and 212 GPM @ 20 PSI
Hydraulic Requirement	14 - 17 GPM	14 - 17 GPM (60') or; 18 - 20 GPM (80')	18 - 20 GPM	18 - 20 GPM
Control Plumbing Size	2" Suction - 1 1/4" Pressure	2" Suction - 1 1/2" Pressure	2" Suction - 1 1/2" Pressure	2" Suction - 1 1/2" Pressure
Plumbing Type	Flange Fittings	Flange Fittings	Flange Fittings	Flange Fittings
System Filter	1 1/2" Tee Strainer	1 1/2" Tee Strainer	1 1/2" Tee Strainer	1 1/2" Tee Strainer

Boom Shutoff Valves	SSCO 460B Ball Valves (3)	SSCO 460B Ball Valves (3 for 60') SSCO 460B Ball Valves (4 for 80')	SSCO 460B Ball Valves (5)	SSCO 460B Ball Valves (5)
Maximum Application Rate	40 GPA @ 6 MPH	60 GPA @ 8 MPH	60 GPA @ 8 MPH	60 GPA @ 8 MPH
Rate Control Method	Optional - Inline or Bypass	Optional - Inline or Bypass	Optional - Inline or Bypass	Optional - Inline or Bypass
Boom Type	Pro 60 - Suspension Type (60')	Pro 60 - Suspension Type (60') or; Pro 80 - Suspension Type (80')	Pro 90 - Suspension Type	Pro 90 - Suspension Type
Boom Construction	Center Section - 4" Tubular Steel Inner Wings - 4" Tubular Steel Outer Wings - 3" Composite Fiberglass	Center Section - 4" Tubular Steel Inner Wings - 4" Tubular Steel Outer Wings - 3" Composite Fiberglass	Center Section - 5" Tubular Steel Inner Wings - 5" Tubular Steel Outer Wings - 4" Composite Fiberglass	Center Section - 5" Tubular Steel Inner Wings - 5" Tubular Steel Outer Wings - 4" Composite Fiberglass
Boom Suspension	Hydraulic Accumulator Suspension			
Width (unfolded)	Pro 60 - 60'	Pro 60 - 60' or; Pro 80 - 80' modifiable to any width between 66' and 80'	90' modifiable to any width between 80' and 90'.	90' modifiable to any width between 80' and 90'.
Boom Weight	2,200 Lbs.	2,400 Lbs.	3,200 Lbs.	3,200 Lbs.
Folding Method	Forward Folding	Forward Folding	Forward Folding	Forward Folding
Hydraulic Controls	Bestway "Live" Hydraulic System with cab control box. Requires one hydraulic outlet.			
Hydraulic Wing Lift	-5 to +15 Degrees	-5 to +15 Degrees	-5 to +15 Degrees	-5 to +15 Degrees
Hydraulic Folding/Unfolding	Standard - Synchronous outer cylinders			
Boom Height	20" to 65" (Hydraulic Parallel Linkage)	20" to 65" (Hydraulic Parallel Linkage)	20" to 72" (Hydraulic Parallel Linkage)	20" to 72" (Hydraulic Parallel Linkage)
Breakaway	Dual Breakaway System - Inner wing has fore/aft mechanical breakaway with automatic reset. Outer wing is hydraulic breakaway with hydraulic reset.			
Boom Plumbing	3 x 1" Feed Lines w/ 3/4" Boom Hose 20" Spacing - Less Tips	3 x 1" Feed Lines w/ 3/4" Boom Hose (60') 4 x 1" Feed Lines w/ 3/4" Boom Hose (80') 20" Spacing - Less Tips	5 x 1" Feed Lines w/ 3/4" Boom Hose 20" Spacing - Less Tips	5 x 1" Feed Lines w/ 3/4" Boom Hose 20" Spacing - Less Tips
Spray Controller	Raven 440 w/ choice of speed	Raven 440 w/ choice of speed or; Raven 450 w/ choice of speed	Raven 450 w/ choice of speed	Raven 450 w/ choice of speed
Foam Marker (Optional)	Bestway M-6 w/ 50 Gallons or; Bestway M-10 w/ 50 Gallons; or OutbackS		Bestway M-10 w/ 50 Gallons or OutbackS	Bestway M-10 w/ 50 Gallons or OutbackS
Electronic Batch Meter	2" Full Port Meter - LCD Readout			NA
Chemical Induction	15 Gallon Hopper Tank - Loads chemical (liquid or dry) for complete dispersal into main spray tank.			
Safety Lighting	STANDARD: Rear Lights w/ Turn Signal - magnetic mount & standard tractor plug.			

Varies with tire option, tank size and tank contents. See the separate Ground Pressure Chart.

All weights shown based on standard axle.

Loaded tongue weights based on tank full of water.

Approximate Ground Pressure								
Tire Size	Field Pro IV - 1000™		Field Pro IV - 1200™		Field Pro IV - 1200™		Field Pro IV - 1600™/ 1850™	
	320/85R38 Radial	320/90R46 Radial	320/90R46 Radial	14.9x46 Radial	14.9x46 Radial	380/90R46 Radial	18.4x46 Radial	
Footprint Size	328 sq. in.	415 sq. in.	415 sq. in.	452 sq. in.	452 sq. in.	452 sq. in.	555 sq. in.	
Footprint Length	26"	31"	31"	31"	31"	31"	31"	
1000 Gallons Water	20 psi	15 psi	--	--	--	--	--	
1000 Gallons Fertilizer	24 psi	19 psi	--	--	--	--	--	
1200 Gallons Water	--	--	17 psi	16 psi	16 psi	--	--	
1200 Gallons Fertilizer	--	--	21 psi	19 psi	19 psi	--	--	
1600 Gallons Water	--	--	--	--	--	20 psi	16 psi	
1600 Gallons Fertilizer	--	--	--	--	--	25 psi	20 psi	
1850 Gallons Water	--	--	--	--	--	24 psi	20 psi	
1850 Gallons Fertilizer	--	--	--	--	--	29 psi	24 psi	