

LOFTNESS 2019 Retail Prices

Row Crop Fertilizer Spreader Ordering Guide

Group 1 - Spread Width

Spread Width	1	40' Driving Interval	4
		50' Driving Interval	5
		60' Driving Interval	6
		80' Driving Interval	8
		88' Driving Interval	A
		90' Driving Interval	9

- All F1210 and L1230 spreaders are equipped with hydraulic spinners that can be set to any spread width.
- RC 800 Spreaders equipped with hydraulic spinners can be set to any width
- RC800 Spreaders equipped with PTO spinners available in 40', 50', and 60' widths only
- Spreader is configured to desired spread width when shipped from the factory.
- Spread width can be changed in the field via adjustments to spinner speed, blade setting, and deflector.

Group 2 - Tire Size

Tire Size	2	380/90R46 (14.9R46) Lugged Tire - Single - 10 on 11.25 BC	B
		380/90R46 (14.9R46) Lugged Tire - Dual Ready - 10 on 13.189 BC	2
		480/80R42 (18.4R42) Lugged Tire - Single - 10 on 11.25 BC	C
		320/90R50 (12.4R50) Lugged Tire - Single - 10 on 11.25 BC	D
		320/90R50 (12.4R50) Lugged Tire - Dual Ready - 10 on 13.189 BC	4
		No Tires - 10 on 11.25 BC	N
		No Tires - 10 on 13.189 BC	H

- Row Crop spreaders are available with 2 different hub sizes. Tire availability depends on size
 - 12,000# hub (small 10 bolt)
 - 10 on 11.25" bolt circle
 - Uses same wheels as RC800 (0" offset)
 - Can not be used with duals
 - Available in 4 configurations
 - B – 380/90R46
 - C – 480/80R42
 - D – 320/90R50
 - N – No tires (ships on shipping brackets)
 - 25,000# hub (large 10 bolt)
 - 10 on 13.189" bolt circle
 - Wheel offsets allowable from -4.25" to 7"
 - Allows for picking dual option
 - Available in 3 configurations
 - 2 – 380/90R46
 - 4 – 320/90R50
 - H – No tires (ships on shipping brackets)
 - Will work with tires up to 800/70R38
 - Not available with the 90-152" gauge option

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Group 3 - Apron Drive

Apron Drive		Hydraulic Drive Raven 22 pin - Variable Rate Ready (VRR), requires HSD, not available on CSD	W
		Hydraulic Drive Raven 37 pin - Variable Rate Ready (VRR)	X
	3	Hydraulic Drive Raven 37 pin - Variable Rate Ready (VRR) (Two Section)	Y
		Hydraulic Drive ISO ready - Variable Rate Ready (VRR)	T
		Hydraulic Drive ISO ready - Variable Rate Ready (VRR) (Two Section)	U

- RC800 spreaders are available with 3 different hitch harnesses and 1 section only or ground drive
 - Options M, V, W, or X
- L1230 spreaders are available with 3 different hitch harnesses and 1 section only
 - Options W, X, or T
- F1210 spreaders are available with 3 different hitch harnesses and 2 different section options
 - Options W, X, Y, T, or U
- Apron Drive Options
 - Mechanical Ground Drive (option M)
 - RC800 only
 - Ground driven from right hand wheel via chains, drive shaft, and clutch
 - 2 range speeds selectable for spreading (High or Low Range)
 - Hydraulic disconnect for clutch
 - Fertilizer Application Rate Chart based on selected spread width.
 - Hydraulic VVR Drive - Raven 16 pin cabling (option V)
 - Only available with RC800
 - Up to 12 gpm flow required for hydraulic apron drive
 - Hydraulic VVR Drive - Raven 22 pin cabling (option W)
 - Available with 1 section spreaders only
 - For use with Raven 660 controller
 - Not available with CSD spinner drive
 - Up to 12 gpm flow required for hydraulic apron drive
 - Hydraulic VVR Drive - Raven 37 pin cabling (options X & Y)
 - 1 or 2 section options
 - 1 section (option X)
 - 2 section (option Y)
 - Requires adapter or repining to work with Deere rate controllers
 - Deere Dry rate controller is not compatible with 2 section
 - Deere Rate Controller 2000 will work with 1 and 2 section machines
 - Deere harness does not work unless repined to match Raven pinout
 - Preferable to use Raven 47 pin to Raven 37 pin adapter
 - Loftness 204596 or Raven 115-7347-008
 - Use with Raven ISO on RC800 only
 - Up to 12 gpm flow required for hydraulic apron drive
 - Hydraulic VVR Drive - ISO Ready (options T & U)
 - 1 or 2 section options
 - 1 section (option T)
 - 2 section (option U)
 - Hitch harness has ISO cable in harness
 - Used with Raven ISO rate controller
 - Rate controller mounted in spreader frame for protection
 - Cleaner wiring on spreader
 - Not available on RC800
 - Up to 12 gpm flow required for hydraulic apron drive

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Group 4 - Spinner Drive

Spinner Drive	4	Hydraulic Spinner Drive (HSD) - Fixed Speed	H
		Controlled Spinner Drive (CSD) - Compensated Speed - Includes Speed Sensor	C

- F1210 spreaders are available with 2 different spinner drive options
 - Hydraulic Spinner Drive (HSD) (option H)
 - Hydraulic powered 20" spinners
 - 4 cups per spinner
 - Spinner speed is regulated by adjustable flow control on spinner assembly
 - Up to 6 gpm flow required for spinners
 - Controlled Spinner Drive (CSD) (option C)
 - Hydraulic powered 20" spinners
 - 4 cups per spinner
 - Spinner speed is regulated by rate controller via speed sensor feedback
 - Operator programs desired spinner speed in rate controller and rate controller adjusts valve to maintain desired spinner speed
 - Up to 6 gpm flow required for spinners

Group 5 – Wheel Struts, Steering, and Scale Options

Wheel Struts, Steering & Scale Options (no brakes)	5	80"-120" Tread on center - Non-steerable	8
		80"-120" Tread on center - Non-steerable, w/ Scale (monitor is optional)	9
		80"-120" Tread on center - Steerable	C
		80"-120" Tread on center - Steerable, w/ Scale (monitor is optional)	D
		90"-152" Tread on center - Non-steerable	A
		90"-152" Tread on center - Non-steerable, w/ Scale (monitor is optional)	B
		90"-152" Tread on center - Steerable	E
		90"-152" Tread on center - Steerable, w/ Scale (monitor is optional)	F

- F1210 and L1230 spreaders are available with several combinations of axle settings, steering, and scale
 - 2 different tread center options
 - 80"-120" Axles
 - 90"-152" Axles
 - Not compatible with duals or 10 on 13.189" bolt circle
 - Scale options
 - 4 pt load cell scale system
 - Monitor available as optional item (see Options code M)
 - Cabling for scale is connected at tractor to the spreader hitch harness
 - No scale option for those that do not need a scale
 - Hitch options
 - Non-Steerable hitch
 - Adjustable centering via turnbuckles
 - Steerable hitch
 - Steering cylinders for adjusting offset to tractor
 - Manually controlled via the tractor SCV
 - Automatic control – not available
 - o User can install desired aftermarket system if automatic steering is desired
- RC800 spreaders are available with several combinations of axle settings and scale
 - 2 different tread center options
 - 80"-120" Axles
 - 90"-152" Axles
 - Not compatible with duals or 10 on 13.189" bolt circle
 - Scale options
 - 3 pt load cell scale system
 - Monitor available as optional item (see Options)
 - Cabling for scale is connected at tractor to separate scale cable
 - No scale option for those that do not need a scale
 - Hitch options
 - RC800 is Non-Steerable hitch only.

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Group - Options

Options Please call factory to verify availability.	Duals- 380/90R46 (14.9R46) Lugged Tire - 20" Spacing (requires #2 group 2)	3
	Duals- 380/90R46 (14.9R46) Lugged Tire - 22"/30" Spacing (requires #2 group 2)	2
	Duals- 320/90R50 (12.4R50) Lugged Tire - 20" Spacing (requires #4 group 2)	5
	Duals- 320/90R50 (12.4R50) Lugged Tire - 22"/30" Spacing (requires #4 group 2)	4
	Tarp, installed	T
	Raven ISO CAN Node (requires ISO ready)	I
	Raven SCS660 Controller (req.22 pin) (includes harness to spreader)	R
	GPS Speed Sensor	G
	Spinner RPM Sensor (Requires HSD) (included in CSD)	S
	Scale Monitor - Digistar GT 400 (requires scale)	M

• Row crop spreaders are available with numerous add on options. These options are not required equipment; optional equipment can be field installed at a later date if so desired.

- Duals
 - Require wheels with the 10 on 13.189" bolt circle (Group 2 options 2 or 4)
 - Available with 2 different spacer options
 - 20" wheel center spacing
 - Combination 22"/30" wheel center spacing
 - Dual wheels dished in gives 22" centers
 - Dual wheels dished out gives 30" centers
- Tarp
 - Manual Roll tarp (option T)
- Controller Options
 - Default: spreaders do not have a rate controller unless ordered as option
 - Dealer or customer installs desired application rate controller
 - Several popular rate controller manufacturers
 - Raven
 - John Deere
 - AgLeader
 - Trimble
 - 2 Factory controller options
 - Raven 660 (option R)
 - Requires 22 pin Apron Drive (Group 3 Option W)
 - Not compatible with 2 section spreaders
 - GPS speed sensor available if needed (option G)
 - Raven ISO Can Node
 - F1210 & L1230
 - Requires spreader be ISO Ready (Group 3 Option T or U)
 - RC800
 - Requires spreader have Rave 37 pin (Group 3 Option X)
- Spinner RPM Sensor (option S)
 - Only available with HSD spinner drive
 - Not available with CSD spinner drive
 - Sensor is included in the CSD spinner drive package
- Scale Monitor
 - Digi Star GT400 Display (option M)
 - Some customers prefer to use their own display from another implement
- Spinner Speed Display (option D)
 - Spinner speed display box for ground drive spreaders only (RC800)
- Spreader Box Extensions (option E)
 - RC800 only
 - Increases box capacity to hold 8 ton of urea
 - Added 11.25" to spreader height.

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