

**KINZE**



**PLANTERS**

**PLANTERS**

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## PLANTING SOLUTIONS AND FEATURES\*

FRAME STYLE	FRONT FOLD		
Planter Model	4900	4900 MH	3700
Planter Model			
Row Configurations	12 Row 30" 16 Row 30" 24 Row 30"	16 Row 30"	24 Row 20" 24 Row 22" 36 Row 20"
Mechanical Meter	●	-	●
Vacuum Meter	●	●	●
Hydraulic Drive	●	-	●
Ground Contact Drive	●	-	●
Electric Drive	●	●	-
Bulk Fill Hoppers	Two 60 bu.**	Two 60 bu.	Two 55 bu.
Hydraulic Weight Transfer	●	●	-
Split Rows	-	-	-
Liquid Fertilizer	Up to 600 gal.	Up to 300 gal.	Up to 300 gal.
Dry Fertilizer	-	-	-

PIVOT FOLD			WING FOLD	MOUNTED		RIGID
3660	3600	3500	3200	3140	3110	3000
						
12 Row 30" 16 Row 30"	12 Row 30" 12 Row 36" 12 Row 38" 16 Row 30" 16 Twin Row 30"	6 Row 30" 8 Row 30"	12 Row 30"	12 Row 30" 12 Row 36-38" 12 Row 38-40" 16 Row 30"	6 Row 30" 6 Row 36-40" 8 Row 30" 8 Row 36-40"	4 Row 30" 6 Row 30" 8 Row 30"
●	●	●	●	●	●	●
●	●	●	●	●	●	-
●	●	-	-	-	-	-
-	●	●	●	●	●	●
-	-	-	-	-	-	-
Two 55 bu.	Two 40 bu.	-	-	-	-	-
●	●	-	-	-	-	-
●	●	●	-	-	-	●
Up to 600 gal.	Up to 600 gal.	300 gal.	400 gal.	-	-	Up to 300 gal.
-	Up to 4,400 lbs.	Up to 2,200 lbs.	-	-	-	Up to 2,200 lbs.

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.  
 \*\*Two 45 bu. on 12 row.

# 4000 SERIES ROW UNIT

## INNOVATIVE ROW UNIT DESIGN

- 1 12" ROW UNIT TRAVEL**  
for irregular terrain encountered by each row
- 2 LOAD-EQUALIZING GAUGE WHEELS**  
for uniform depth control, even in heavy residue or rugged planting conditions
- 3 DURABLE PARALLEL LINKAGE**  
with optional down pressure springs or pneumatic down pressure package
- 4 MOLDED WHEEL COVERS**  
minimize soil build up on wheels and reduce rock damage
- 5 POWDER COAT FINISH**  
for added protection
- 6 USA PRODUCED CASTINGS**  
for greater reliability and availability



## OPTIONAL PNEUMATIC DOWN PRESSURE

- Adjust settings on-the-go for consistent plant emergence
- Option to display through Kinze monitor
- Down pressure springs also available



3.0 bu. high-capacity row unit hopper  
*\*No insecticide option.*



1.9 bu. conventional row unit hopper



0.18 bu. row unit mini-hopper

# 4000 SERIES ROW UNIT ATTACHMENTS



## COULTER MOUNTED RESIDUE WHEELS

Free-floating 12" diameter wheels. 12 curved tines with interlocked or staggered mountings. 11 depth settings in 1/4" increments.



## DUAL ROW UNIT MOUNTED RESIDUE WHEELS

Ideal for mulch-till. Rugged spring-loaded parallel linkage. 12" diameter wheel, 12 curved tines with 3-position mounting to vary aggressiveness.



## DAWN® GFX HYDRAULIC ROW CLEANERS\*

Maximize yield when you clear heavy crop residue from the seed trench providing consistent seed depth and crop emergence. The toolbar-mounted row cleaners are hydraulically adjustable from the cab and provide an undisturbed, consistent row unit ride across the planter bar.

*\*Requires additional hydraulic remote.*



## COULTER BLADE OPTIONS

16" diameter coultler blades available in 1" bubbled, 3/4"- 13 fluted or 1" - 8 fluted designs.



RUBBER "V" CLOSING WHEELS



CAST IRON\* "V" CLOSING WHEELS



FURROW CRUISER® SPIKED CLOSING WHEEL



DOUBLE DISC/SINGLE PRESS WHEEL CLOSING SYSTEM

## "V" CLOSING WHEELS

- 5-position, quick-adjust down pressure (0 - 145 lbs.)
- Oversized double-row ball bearings for longevity

*\*Cast iron recommended for tougher no-till applications.*

## ELECTRIC DRIVE VARIABLE RATE INSECTICIDE\*

- Wave impeller designed to prevent clogging
- Infinitely adjustable rates
- Equipped with flow sensor



Wave impeller.

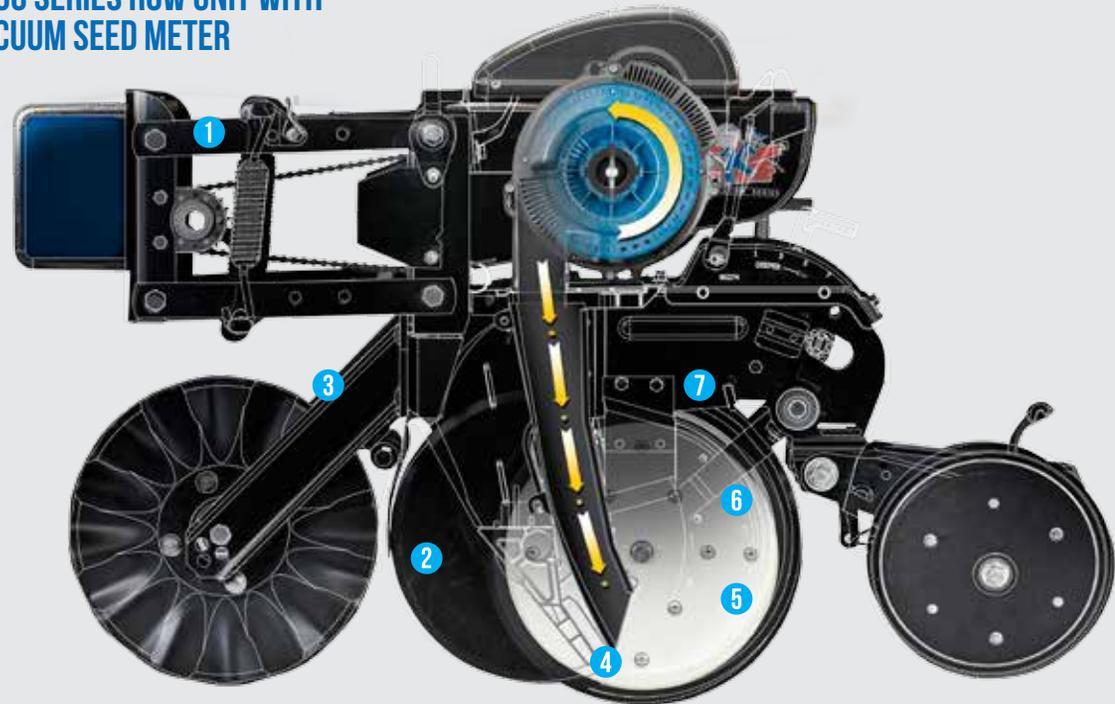
*\*Not available with 3.0 bu. high-capacity row unit hopper. Electric drive only.*

# 3000 SERIES ROW UNIT

## THE PROVEN ROW UNIT

- 1 DURABLE PARALLEL LINKAGE**  
with optional down force springs or pneumatic down pressure package
- 2 PRECISION CAST MOUNTINGS**  
for opener blades
- 3 POWDER COAT FINISH**  
for added protection
- 4 HARDENED SEED TUBE GUARD AND SCRAPER**  
for opener blades
- 5 MOLDED WHEEL COVERS**  
minimize soil build up on wheels and reduce rock damage
- 6 LOAD-EQUALIZING GAUGE WHEELS**  
for uniform depth control, even in heavy residue or rugged planting conditions
- 7 HEAVY-DUTY SHANK**  
with triangular reinforcement for max side-load strength

## 3000 SERIES ROW UNIT WITH VACUUM SEED METER



## OPTIONAL PNEUMATIC DOWN PRESSURE

- Adjust settings on-the-go for consistent plant emergence
- Option to display through Kinze monitor
- Planter-mounted 12VDC air compressor (with air tank)

## 3000 SERIES ROW UNIT WITH BOX HOPPERS

Row unit shown with granular chemical option.



## TRANSLUCENT GRANULAR CHEMICAL HOPPER

Granular chemical banding options include standard slope-compensating T-banding, straight drop in-furrow banding or 14" rear banders.

# 3000 SERIES ROW UNIT ATTACHMENTS



## COULTER MOUNTED RESIDUE WHEELS

Free-floating 12" diameter wheels. 12 curved tines with interlocked or staggered mountings. 11 depth settings in 1/4" increments.



## ROW UNIT MOUNTED RESIDUE WHEELS

Ideal for mulch-till. Rugged spring-loaded parallel linkage. 12" diameter wheel and 12 curved tines with 3-position mounting to vary aggressiveness.



## ROW UNIT MOUNTED DISC FURROWERS

Notched or solid 12" diameter blades help clear clods and residue.



## DAWN® GFX HYDRAULIC ROW CLEANERS\*

Maximize yield when you clear heavy crop residue from the seed trench providing consistent seed depth and crop emergence. The toolbar-mounted row cleaners are hydraulically adjustable from the cab and provide an undisturbed, consistent row unit ride across the planter bar.

*\*Requires additional hydraulic remote.*

## FRAME MOUNTED COULTERS

Blade depth adjusts for deeper penetration and to compensate for blade wear. Adjustable coil springs apply up to 500 lbs. of down force.



## FREE-FLOATING RESIDUE WHEEL ATTACHMENTS



Features weed guard and 11 - 1/4" incremental depth settings.



RUBBER "V" CLOSING WHEELS



CAST IRON\* "V" CLOSING WHEELS



FURROW CRUISER® SPIKED CLOSING WHEEL



DOUBLE DISC/SINGLE PRESS WHEEL CLOSING SYSTEM

## "V" CLOSING WHEELS

- 5-position, quick-adjust down pressure (0 - 145 lbs.)
- Oversized double-row ball bearings for longevity

*\*Cast iron recommended for tougher no-till applications.*



## COULTER BLADE OPTIONS

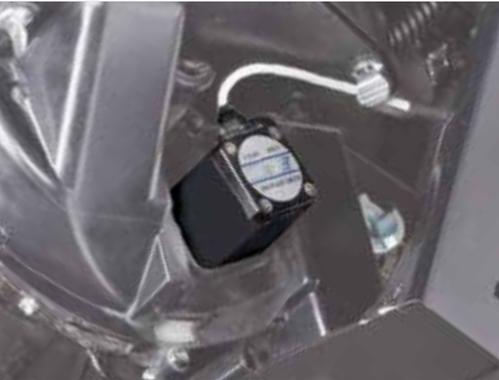
16" diameter coulters blades available in 1" bubbled, 3/4"- 13 fluted or 1"- 8 fluted designs.



**ROCK GUARD PROTECTION**  
Mounted on transport wheel arms to protect row units and transport wheels.

Available on 3500 and 3600

# METER DRIVES AND CLUTCHES



## ELECTRIC DRIVE

No driveshafts, no chains, no clutches and no gearboxes. Available on vacuum meter only.

## HYDRAULIC DRIVE

Ideal for variable seed rate prescriptions. Change rates on-the-go from the seat of your tractor.

## GROUND CONTACT DRIVE

Smooth, reliable and easy to operate. Less horsepower required compared to hydraulic drives. Uses spring-loaded tires. No clutches. No chains to remove for transport.

## POINT ROW CLUTCHES FOR HALF-WIDTH PLANTING

For contact drive. (Not required for electric drives.)

## SURESTOP™ ELECTRIC ROW CLUTCHES

Clutch control, up to 36 rows, in two or three row sections. Stop seed flow by turning off seed meters (and planter sections) based on field mapping and previously planted areas.



## METER AND DRIVE AVAILABILITY\*\*

MODEL	MECHANICAL METER	VACUUM METER	GROUND CONTACT DRIVE	HYDRAULIC DRIVE	ELECTRIC DRIVE
4900	●	●	●	●	●
4900 MH	-	●	-	-	●
3700	●	●	●	●	-
3660	●	●	-	●	-
3600	●	●	●	●	-
3500	●	●	●	-	-
3200	●	●	●	-	-
3140	●	●	●	-	-
3110	●	●	●	-	-
3000	●	-	●	-	-

\*\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.



## PLANTING WITH SPLIT ROWS?

Kinze easy-access throw out clutches let you shut off the entire split row drive system with just a quarter turn.

# VACUUM METER

## 99%+ ACCURACY SPEEDS UP TO 8 MPH\*

### PROVEN SEED TUBE DESIGN

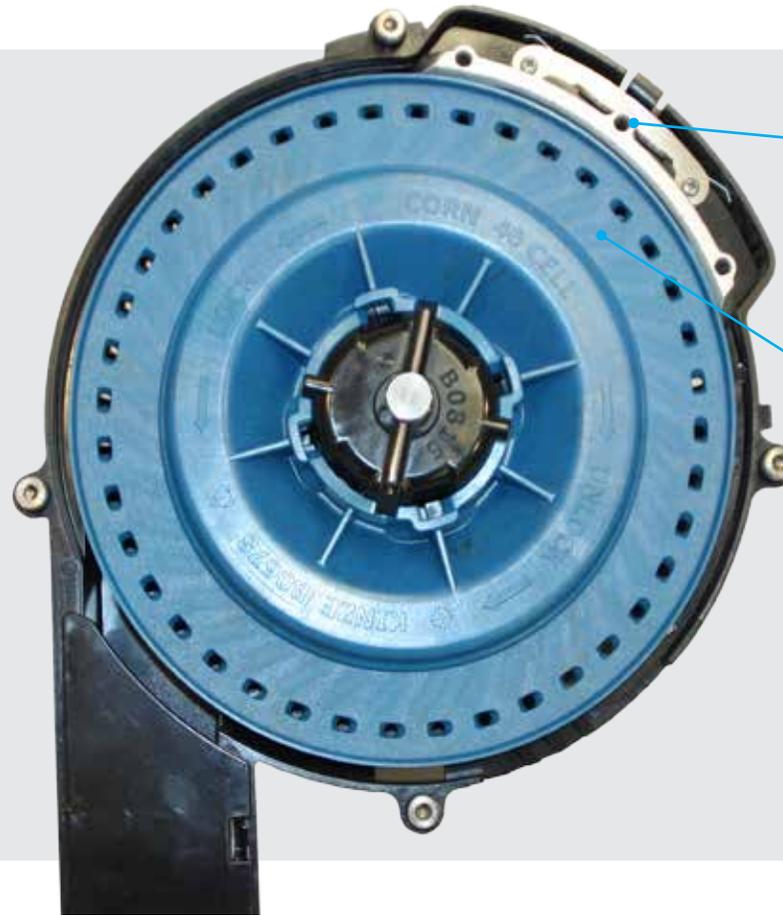
- Wide opening for seed drop accuracy
- Computerized “smart sensor” counts every seed even at high rates of seeds per acre

### SUPERIOR SEED DROP

- Perfect 3 o'clock drop, into the center of the tube, at any planting speed
- Elevated release point on the edge of disc
- Lower velocity at release point, less seed bounce in the tube

*\*Speed and accuracy of the planter may be limited by field conditions, seed type and other variables.*

*Refer to Planter Tractor Requirements located at [www.Kinze.com/resources](http://www.Kinze.com/resources).*



### SUPERIOR SINGULATION

- One adjustable seed singulator for all seed types and sizes

### SUPERIOR LOADING

- Seed pool shape promotes 100% clean out
- Seed channel ensures every seed cell is loaded, preventing skips
- More seed cells in a smaller diameter disc reduces seed velocity

## VACUUM SEED DISCS Color-coded seed discs allow you to plant different crops, seed sizes and populations.

SEED	CORN & LARGE SWEET CORN*	SOYBEAN	SUNFLOWER (2, 3, 4) & SMALL SWEET CORN*	SUGARBEET/MILO	COTTON	EDIBLE BEANS (BLACK TURTLE, NAVY) & POPCORN	EDIBLE BEANS (PINTO, GREAT NORTHERN) & LOW RATE SOYBEAN
Disc Type							
# Of Cells	40 cells	120 cells (low-rate)	40 cells	60 cells	60 cells	60 cells	60 cells

*\*Sweet corn should only be planted with planters equipped with row unit hoppers.*

# FINGER PICK-UP METER

## THE MOST POPULAR MECHANICAL METERING SYSTEM IN THE FIELD

- Available on all planter models except the 4900 multi-hybrid planter
- Every carrier plate and meter is factory-tested using various seed sizes and shapes

## PLANT CORN OR SUNFLOWER SEEDS WITH THE SAME METER



### SPRING-LOADED CAM-OPERATED FINGERS

handle a wider variety of seed sizes. Rotates along the perimeter of the carrier plate to singulate seeds.

### BRUSH AND SEED BUMP DESIGN

improves singulation of a wider variety of seed shapes and sizes.

### SPECIALY-DESIGNED SEED RELEASE OPENING

in the finger wheel carrier plate prevents bounce back when seed is delivered to the conveyor belt.

### ELEVATOR-TYPE CONVEYOR BELT

consistently delivers singulated seed to the seed tube.

### MOLDED RUBBER SHANK COVER

shields seed sensors from dust and sunlight.



### SPECIALIZED FINGERS SINGULATE SUNFLOWER SEEDS

Same precision and craftsmanship as our corn finger meters. Smaller flags (left) plant No. 3 and No. 4 oil sunflower seeds. No. 1 and No. 2 and confectionery sunflowers use standard corn fingers.



# BRUSH-TYPE METER

## LOW-MAINTENANCE METER

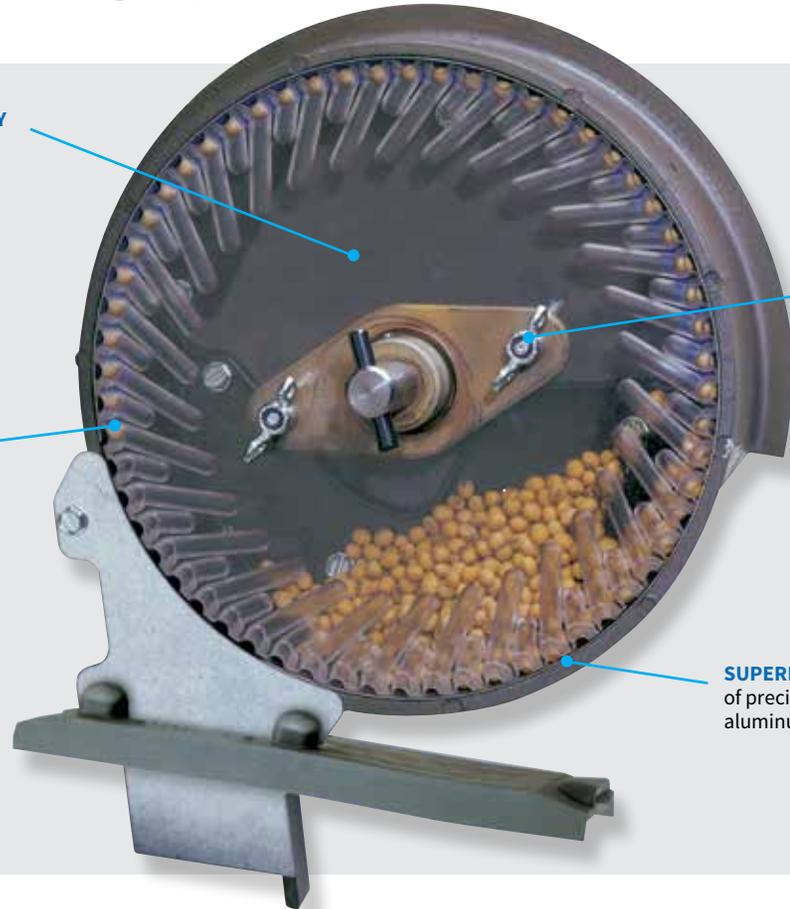
- Only one moving part
- Steady singulation
- No need to adjust for different seed sizes
- Long-life, low-cost brushes; replaceable in seconds
- Easy to clean, operate and maintain
- Available on all planter models excluding the 4900 Multi-Hybrid Planter

**DROPS EACH SEED INDIVIDUALLY** from the edge into the seed tube as the disc rotates.

**SEEDS ARE SINGULATED IN FORMED END-POCKETS** and retained by a brush along the housing perimeter.

**TWO WING NUTS** secure the disc to the meter.

**SUPERIOR QUALITY** of precision die cast, anodized aluminum housing.



## BRUSH-TYPE SEED DISCS Color-coded seed discs handle a wide range of sizes and seed populations.

SEED	SOYBEAN / SPECIALTY SOYBEAN		MILO/GRAIN SORGHUM				COTTON				
Disc Type											
#Of Cells	60 cell	48 cell	30 cell	60 cell (high-rate)	30 cell	60 cell (high-rate)	30 cell	36 cell (large)	48 cell (high-rate)	12 cell (small)	12 cell

# YIELD AND TRASH FLOW ADVANTAGES OF KINZE SPLIT ROW PLANTERS

## NO-TILL ADVANTAGE<sup>1</sup>



EXCELLENT  
EROSION CONTROL



SOIL MOISTURE  
CONSERVATION



MINIMUM FUEL AND  
LABOR COSTS



BUILDS SOIL STRUCTURE  
AND HEALTH

## ONE PLANTER, THREE PURPOSES



PLANT  
CORN



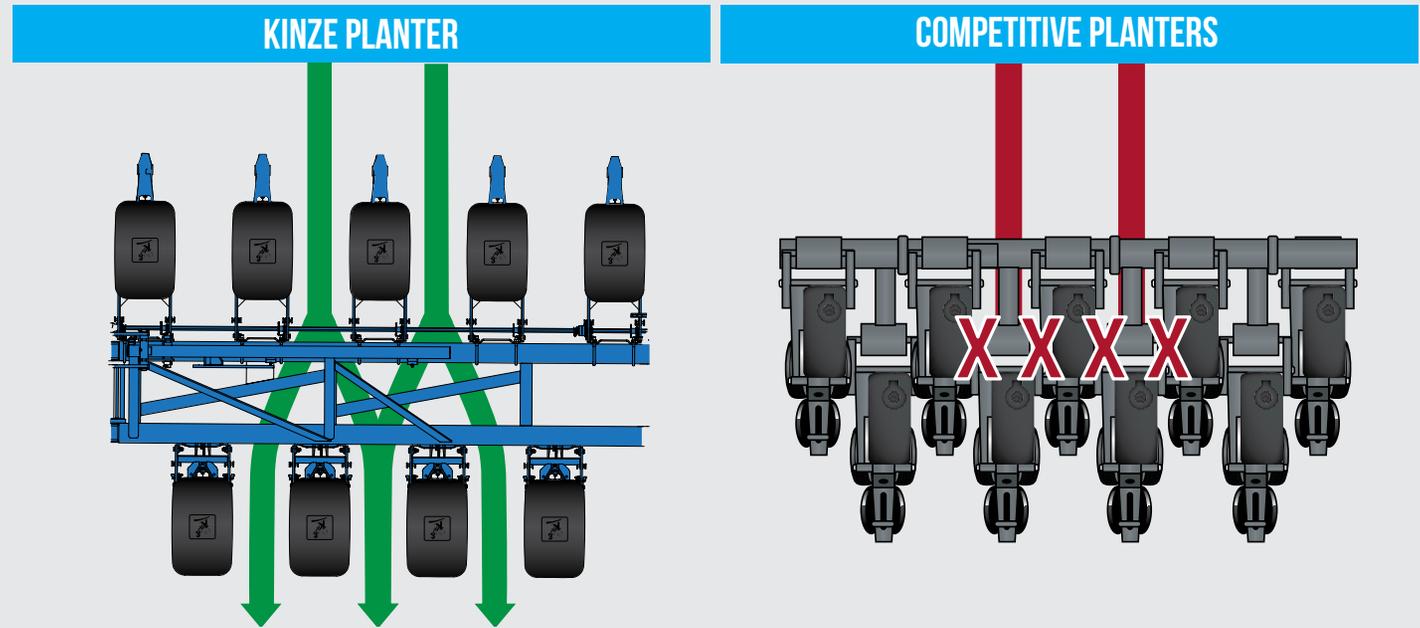
PLANT  
SOYBEANS



PLANT  
COVER CROPS

## TRASH FLOW ADVANTAGE

Kinze's exclusive push row units have better trash flow and seed placement accuracy than other narrow row planters.



## NO-TILL SOYBEANS OUTYIELDED CONVENTIONAL TILLAGE

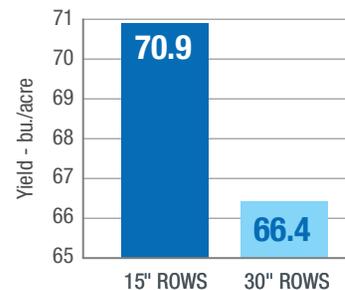


### IN FOUR OUT OF SIX STUDIES.

Averaged over the three years, the yield differences ranged from 0.4 to 1.5 bu./acre.<sup>2</sup>

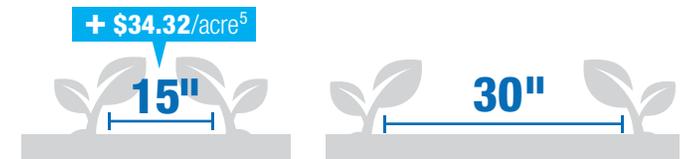
## YIELD ADVANTAGE

Soybeans planted in 15" rows average 4.5 bu./acre higher than those planted in 30" rows.<sup>3</sup>



## PROFIT ADVANTAGE

Based on a seven-year average, planting in 15" rows returned a profit of \$34.32/acre more than 30" row widths.<sup>4</sup>



- <http://bit.ly/CropWatch>
- <http://bit.ly/FarmProgress>
- <http://bit.ly/IAState>
- <http://bit.ly/BecksHybrids>
- Soybean prices based on \$11.20/Bu. as noted in Beck's Practical Farm Research studies. Calculation does not include input overhead or other variable costs.

# SPLIT ROWS



## TIME TO SPLIT

- Split row spacing on push units for better residue flow and ease of maintenance
- Weight is evenly distributed across the entire toolbar for better balance and depth control
- Narrowest transport width on the road
- Add mechanical or vacuum meters, conventional or bulk fill seed delivery, hydraulic or mechanical drives and more
- Easily lock up the rows and use the Kinze split row planter as a corn planter too
- Rugged double toolbar design allows for additional options, like bulk-fill, or fertilizer without sacrificing capacity
- Exclusive "lift and rotate" system allows planter to lock in-line for easy, narrow transport
- Hydraulic weight transfer provides even weight distribution across the toolbar to reduce compaction in the field

### SPLIT ROW AVAILABILITY\*

MODEL	SIZE	SPLIT ROW SPACING	EVEN ROW OPTION
3660	16 Row 30"	15"	●
3660	12 Row 30"	15"	●
3600	16 Row 30"	7½" Twin Row	-
3600	16 Row 30"	15"	●
3600	12 Row 36"/38"	18"/19"	-
3600	12 Row 30"	15"	●
3500	8 Row 30"	15"	●
3500	6 Row 30"	15"	●
3000	8 Row 30"	15"	-
3000	6 Row 30"	15"	-
3000	4 Row 30"	15"	-

## EVEN ROW, SPLIT ROW OPTION

Planting 15" no-till beans between last season's cornstalks? Get more accurate seed placement and depth, a smoother planter ride, and continue to function at full planter width saving you time and money with the Kinze even row push unit. Avoid running tractor tires on damaging corn stubble decreasing tire wear and tear.

## EXCLUSIVE PUSH ROW UNITS

Available on rigid frame 3000 models and all pivot fold models.



\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

# BULK FILL

## BULK FILL AVAILABILITY\*

MODEL	SIZE	TOTAL BUSHEL CAPACITY
4900	24 Row	120
4900	16 Row	120
4900	12 Row	90
4900 MH	16 Row	120
3700	36 Row	110
3700	24 Row	110
3660	16 Row	110
3660	12 Row	110
3600	16 Row	80
3600	12 Row	80

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

\*\*Hydraulic weight transfer is not available on 3700.

## FULL OF POTENTIAL

- Constant airflow reduces chance of bridging and plugging
- Blower fan is the only moving part (less maintenance)
- Weight transfer system reduces pinch row compaction

**How it Works:** Centrally mounted bulk fill hoppers distribute seed to a seed entrainer, where the seed is stored and suspended in a stream of air. When row units require more seed, airflow increases. When seed chambers fill up, airflow decreases and seed delivery stops until more seed is needed.



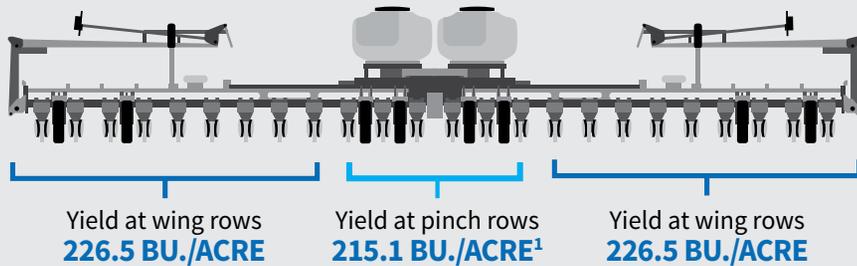
## OPTIONAL ELECTRONIC SCALE PACKAGE

- Manage seed levels and acres to be planted
- View real-time data on Integra®, KPM III and ISOBUS compatible monitors
- Platform-mounted display installed near hoppers
- Three DIGI-STAR® load cells per hopper (shown)

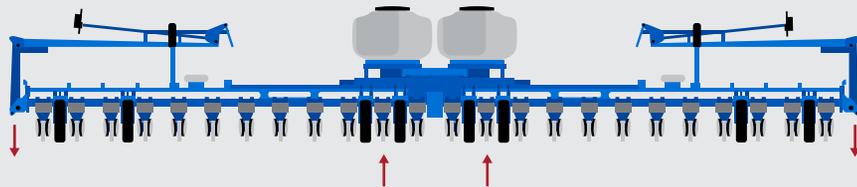


# HYDRAULIC WEIGHT TRANSFER

## PINCH ROW COMPACTION YIELD LOSS

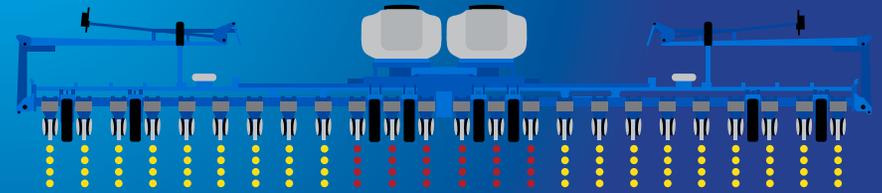


<sup>1</sup> Data based on research from Beck's Hybrids 2014 Practical Farm Research report, available at [www.beckshybrids.com](http://www.beckshybrids.com).



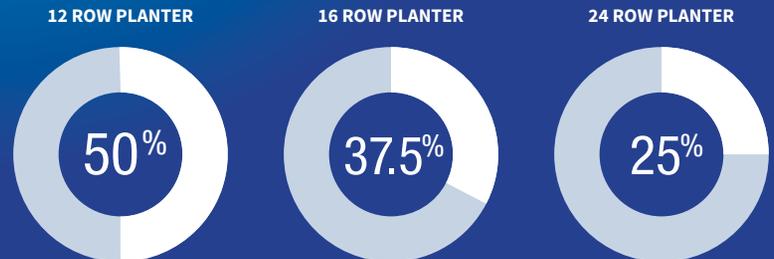
Kinze hydraulic weight transfer distributes the bulk fill planter's weight across the toolbar like a non bulk fill planter, potentially reducing yield loss due to pinch row compaction.

## WHAT ARE PINCH ROWS?



THE MIDDLE 6 ROWS OF THE PLANTER NEXT TO THE TRANSPORT TIRES.

## PERCENTAGE OF PINCH ROWS ON A:



## THREE WAYS FIELD COMPACTION REDUCES YIELD:



**REDUCES OXYGEN**  
TO THE PLANT ROOTS



**REDUCES WATER**  
TO PLANT ROOTS



**RESTRICTS**  
ROOT DEVELOPMENT

## FACTORS THAT INCREASE COMPACTION POTENTIAL:



**HIGH MOISTURE**  
LEVELS IN THE SOIL



**HIGH CLAY**  
CONTENT SOILS



**HEAVIER**  
EQUIPMENT WEIGHT

# FERTILIZER



3200



4900 MH



3000

## LIQUID AND DRY FERTILIZER AVAILABILITY

MODEL	SIZE	SEED HOPPER STYLE	LIQUID FERTILIZER CAPACITY	DRY FERTILIZER CAPACITY
4900	24 Row	Bulk Fill	500 gal.	-
		Row Unit	600 gal.	-
	16 Row	Bulk Fill	300 gal.	-
		Row Unit	600 gal.	-
	12 Row	Bulk Fill	200 gal.	-
		Row Unit	500 gal.	-
4900 MH	16 Row	Bulk Fill	300 gal.	-
3700	24 Row	Bulk Fill	300 gal.	-
		Row Unit	300 gal.	-
3660	16 Row	Bulk Fill*	550 gal.	-
		Row Unit	600 gal.	-
	12 Row	Bulk Fill*	550 gal.	-
		Row Unit	600 gal.	-
3600	16 Row	Bulk Fill*	400 gal.	-
		Row Unit*	600 gal.	4,400 lbs.
	12 Row	Bulk Fill*	400 gal.	-
		Row Unit*	600 gal.	3,300 lbs.
3500	8 Row	Row Unit*	300 gal.	2,200 lbs.
	6 Row	Row Unit*	300 gal.	1,650 lbs.
3200	12 Row	Row Unit	400 gal.	-
3000	8 Row	Row Unit	300 gal.	2,200 lbs.
	6 Row	Row Unit	300 gal.	1,650 lbs.
	4 Row	Row Unit	220 gal.	1,100 lbs.

\*Fertilizer option not compatible with split row option.

# FERTILIZER



**HEAVY-DUTY SINGLE DISC OPENERS\***

For extreme no-till or rocky conditions. 18" or 20" blade with scraper, 16" soil press tire, drop tubes, adjustable down pressure settings.



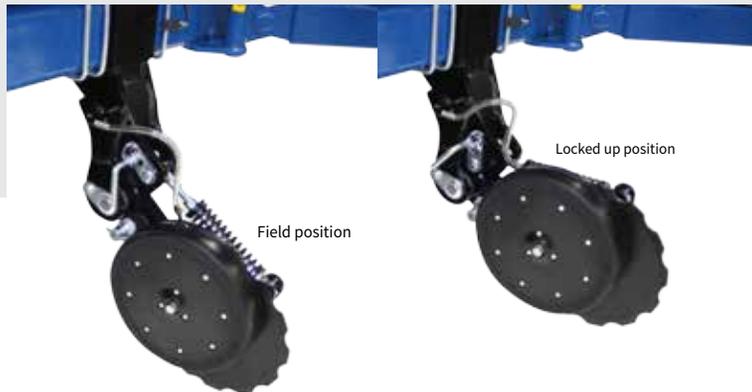
**NOTCHED SINGLE DISC OPENERS\***

Notched for no-till. 16 3/4" blade, cast iron hub with horizontally mounted coil down force spring, drop tubes and vertical cast mount accommodate blade depth adjustment. Available\* with depth/gauge wheel attachment (shown) or single residue wheel attachment.



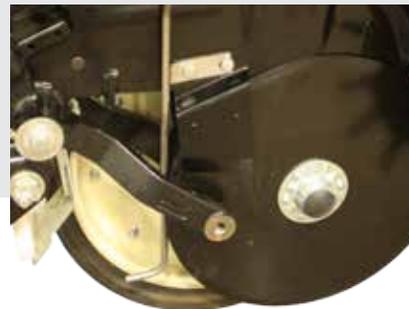
**DOUBLE DISC OPENERS\***

For conventional tillage. 15" offset "V" blades, inner and outer scrapers, adjustable coil down force spring, welded shank with lockup, drop tubes and mounting hardware.



**4900 FERTILIZER OPENERS**

Tool-less adjustments for precision down force and depth control. Quick lockup design (see inset above) is easy to disengage when not in use.



**LIQUID FERTILIZER TUBE IN-FURROW**

Row unit mounted fertilizer drop tube provides flexibility of low rate in-furrow fertilizer application. The drop tube mounts to existing holes in the row unit and applies fertilizer behind the seed tube on top of the seed to maximize fertilizer application effectiveness.



**FERTILIZER PUMP OPTIONS\***

Depending on planter model, the following pump packages are available:

- John Blue® squeeze pump option
- John Blue® piston pump option with flow dividers\*\*
- Hydraulically driven centrifugal pump (4900) to allow section shut-off and variable rate capability

\*Certain restrictions apply. See your Kinze Dealer for details.

\*\*Option includes pump mounting bracket, sprockets, drive components and flow divider.

John Blue is the property of its owner. There is no affiliation between Kinze and John Blue.

# DISPLAYS AND CONTROLS



## THE KINZE SEED TUBE COUNTS EVERY SEED

- High-definition, two-piece, optical seed sensor
- Counts every seed, even at higher populations
- Monitors multiples, skips and spacing at higher population rates
- Automatically self-calibrates for dust
- Instant response to population changes
- Large seed tube minimizes seed bounce within the tube, ensuring consistent seed spacing
- Compatible with most displays: Precision Planting 20/20 Seed Sense®, Ag Leader® STMM or any system using DICKEY-john® seed tubes (only available on non-electric drive planters)

## DISPLAY / MONITOR / ISOBUS AVAILABILITY\*

MODEL	ISOBUS*	KPM III	AG LEADER® INTEGRA READY	RAVEN VIPER® 4	RAVEN ENVIZIO PRO™
4900	●	●***	●**	●	-
4900 MH	-	-	-	-	●
3700	●	●	●	-	-
3660	●	-	●	-	-
3600	●	●	●	-	-
3500	-	●	-	-	-
3200	●	●	●	-	-
3140	-	●	-	-	-
3110	-	●	-	-	-
3000	-	●	-	-	-

\*Because of ongoing technological advances, display, monitor and ISOBUS technical information is continually updated.

Please visit [www.Kinze.com](http://www.Kinze.com) for the most current information.

\*\*As VT only.

\*\*\*With ground contact drive only.



## ISOBUS COMPATIBLE\*

Kinze planters plug into virtually any ISOBUS compatible task controller-equipped display\*\*, including John Deere® GreenStar™, giving you a year-round precision ag management tool for:

- Real-time logging
- Mapping/recording
- Planter/application control
- Yield monitoring
- Determining seed rates
- Fertilizer application
- Harvest mapping

\*While the intent of the ISOBUS standard is to provide cross compatibility between systems from different manufacturers, Kinze cannot guarantee performance with third party monitors (such as Case IH® and John Deere®) due to differences in hardware and software.

\*\*To find out if your tractor's display has a fully functioning task controller, consult your Kinze dealer or visit [www.Kinze.com](http://www.Kinze.com).



### KPM III

- Easy-to-use, economical monitor
- Reports real-time results by row or by average of the entire planter
- Display data includes: skips, multiples and singulation, relative planting rate (bar graphs), ground speed, row spacing, seed population (by row), average seed population, seed spacing (by row), area counters - 40, vacuum level, pneumatic down pressure, bulk fill scales and bulk fill pressure



### AG LEADER® INTEGRA

- Engage/disengage individual planter sections or rows
- Change seed populations on-the-go
- Map and record hybrids and varieties
- View planting activity on screen with four different field views\*

*Ag Leader and Integra are property of their owners. There is no affiliation between Kinze and Ag Leader.*

*\*Skips, doubles and accuracy only viewable when using ISOBUS*



### RAVEN VIPER® 4

- Standard on 4900 Advanced ISOBUS\* electric drive planters
- Dedicated planter monitor allows you to continuously view your critical planter functions including your coverage map
- Customize your screen with drag-and-drop widgets to display your desired icons and information
- Sleek design with large 12.1" LED backlit display and a responsive touch screen with intuitive, tablet-like interface
- 30 GB of internal storage and Slingshot® ready



### RAVEN ENVIZIO PRO™

- For use with 4900 multi-hybrid planter only
- Brilliant color, non-glare 6.5" touch screen display
- Simple and advanced mapping
- Slingshot® ready

# 4900

## 4900 ROW CONFIGURATIONS

12 Row 30"

16 Row 30"

24 Row 30"

## FEATURE AVAILABILITY\*

Mechanical Meter

Vacuum Meter

Electric Drive

Hydraulic Drive

Ground Contact Drive

Bulk Fill Hoppers

Front Fold Frame

Hydraulic Weight Transfer

Liquid Fertilizer

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

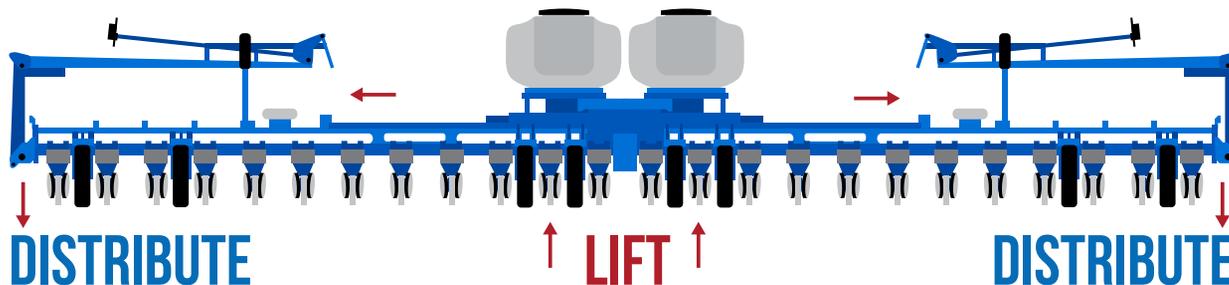
\*\*Speed and accuracy of the planter may be limited by field conditions, seed type, meter type and other variables.

\*\*\*While the intent of the ISOBUS standard is to provide cross compatibility between systems from different manufacturers, Kinze cannot guarantee performance with third party monitors (such as Case IH® and John Deere®) due to differences in hardware and software.

- 99% + accuracy at speeds up to 8 MPH\*\* as field conditions allow
- Vacuum meter with optional electric drive
- Hydraulic weight transfer comes standard on all row configurations
- 24" toolbar height allows increased row unit travel and better residue flow
- Cast iron row units with 12" vertical travel
- Triple-fold breakaway row markers
- LED lighting



**ISOBUS**  
COMPATIBLE\*\*\*



## HYDRAULIC WEIGHT TRANSFER

Kinze hydraulic weight transfer (standard) distributes the bulk fill planter's weight across the toolbar like a non bulk fill planter, potentially reducing yield loss due to pinch row compaction.

- Transfers weight from center section to the wings
- Keeps wing rows in the ground
- Improves depth control
- Reduces potential soil compaction

“Kinze planters are just very reliable. And the sky is the limit with the technology available. 2014 was our first year with the Kinze 4900 planter, and I was just really impressed. I have a neighbor who’s a seed dealer, and he was also impressed with the singulation, saying it was a lot better than some of the other plots they’d been around looking at.” – **Troy Hansen (Irene, South Dakota)**



▶ Watch Troy’s video at: [www.kinze.com/troy](http://www.kinze.com/troy)



## HYDRAULICALLY ACTIVATED FLIP AXLE

- Standard on 24 row
- Shortens hitch-to-axle length by nearly 5 feet
- Decreases turning radius for tighter turns
- Significantly reduces transport hitch weight

## 42 DEGREE WING FLEX

- 21 degrees up, 21 degrees down
- Superior ground contact on rolling terrain and terraces



## SECTION CONFIGURATIONS

12 ROW 30"

3 ROW

6 ROW

3 ROW

16 ROW 30"

5 ROW

6 ROW

5 ROW

24 ROW 30"

8 ROW

8 ROW

8 ROW

# 4900

"We continue to use Kinze products because of the technology and because we believe in the products. We've checked some of the other brands and we didn't have as good of luck. Kinze is a simple machine. It's a proven machine. And I believe that's all I'll ever use on our farm." – **Dan Brettnacher (Brookston, Indiana)**



▶ Watch Dan's video at: [www.kinze.com/dan](http://www.kinze.com/dan)

## THE PROBLEM:

As your planter follows the curve of your field, the outside row units travel a greater distance than the inside row units. If your planter is not equipped with curve compensation, the meter rate will not change, resulting in the inside rows being over-populated and the outside rows under-populated.

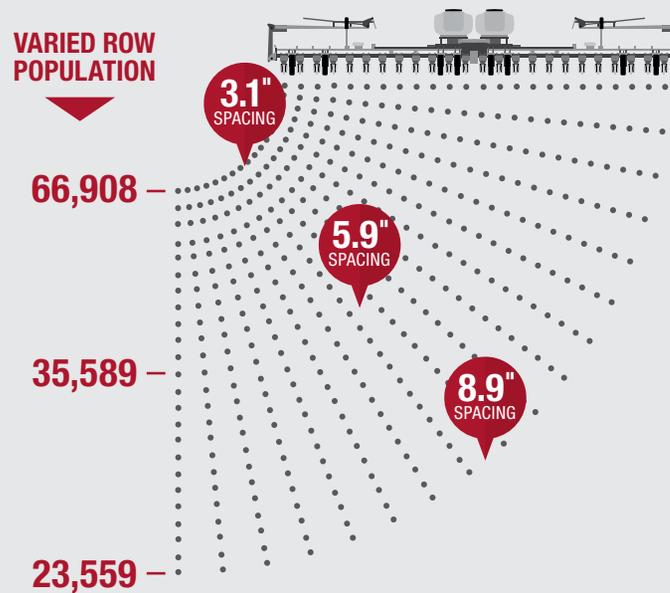
## THE SOLUTION:

Kinze's electric drive meter maintains consistent seed spacing\* in turns across the entire planter bar. The result? Higher yield potential through properly spaced seed.

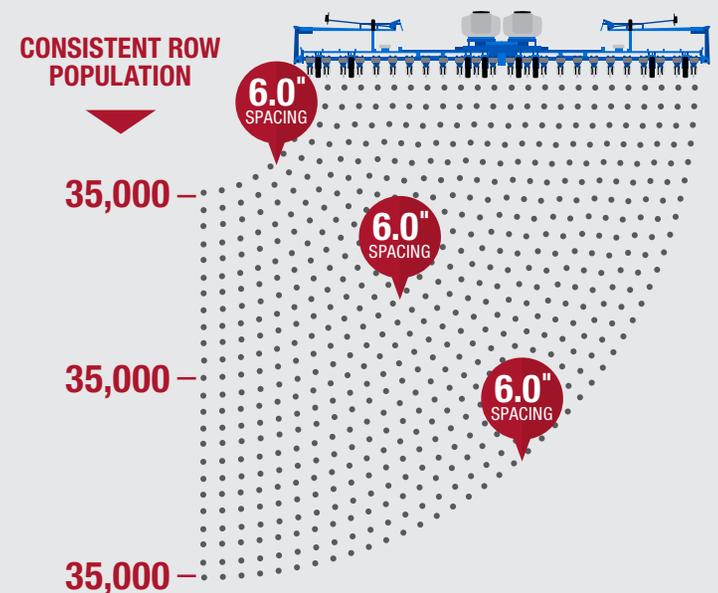


Reverse view of electric motor.

## WITHOUT CURVE COMPENSATION\*\*



## WITH CURVE COMPENSATION\*\*



\*Seed spacing curve compensation requires sub-4" level GPS accuracy.

\*\*Based on 35,000-population rate, 24 row 30 inch planter, 60-foot radius turn, with sub-4 level GPS accuracy, actual spacing may vary based on individual field conditions.

## 120 BU CAPACITY BULK FILL TANKS (90 BU. CAPACITY ON 12 ROW)

- Tank design angles downward for fast, easy clean out
- Easy access platform and quick-lock lids for faster filling
- Continuous airflow prevents plugging
- Electronic scale package available
- Clean toolbar design improves hose and electronics routing
- Hydraulic weight transfer



# 4900 MULTI-HYBRID

## 4900 MULTI-HYBRID ROW CONFIGURATIONS

16 Row 30"

## FEATURE AVAILABILITY\*

Multi-Hybrid Planting

Vacuum Meter

Electric Drive

Bulk Fill Hoppers

Front Fold Frame

Hydraulic Weight Transfer

Liquid Fertilizer

\*Not all features are available with all configurations.  
Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

- The features of the 4900, plus the ability to automatically switch between multiple varieties of corn or soybeans on the go for precision prescription planting
- Row-by-row variable rate planting with electric drive
- Reduced pinch row compaction potential with hydraulic weight transfer
- Precise depth control with optional pneumatic down pressure
- Electronic scale package

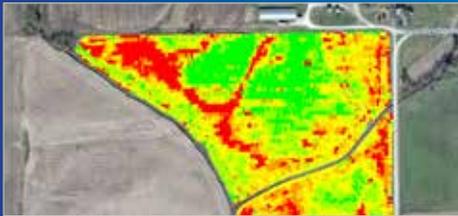


The Kinze multi-hybrid planter enables you to plant hybrids matched to your field conditions and soil types.

# 4900 MULTI-HYBRID

## 1 THE ISSUE

### COMPROMISING ON SEED SELECTION

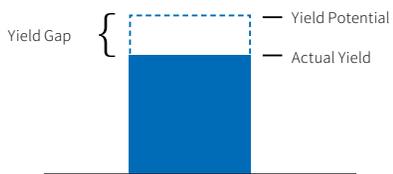


- Conditions change across your field. Different soil types. Moisture levels. Fertility. Organic matter. All of it plays a role in how a hybrid performs. Look at any yield map and you can see these changes.

#### PERFORMANCE OF HYBRIDS IN DIFFERENT SOIL TYPES

SEED	HYBRID A	HYBRID B
Sandy	●	
Clay		●
High Alkali Soils	●	
Low Alkali Soils		●
Well Drained Soils	●	
Saturated Soils		●

- No single hybrid is ideal for every part of your field. Until now, you've been limited to choosing a "best average performance" hybrid across your field, compromising yield and your bottom line.



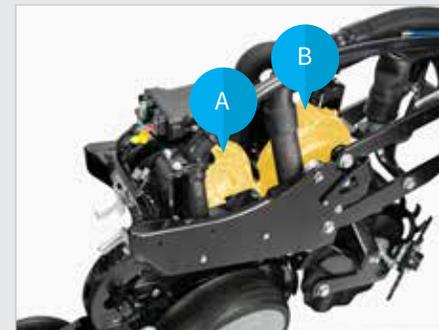
- If you are not optimizing the hybrids you plant based on different areas of your field, you experience a yield gap.

## 2 THE SOLUTION

### MULTI-HYBRID PLANTING



- Multi-hybrid planting eliminates "average yield" compromises by matching "work horse" hybrids to areas of your field that require defensive traits and "race horse" hybrids to high-yield areas.



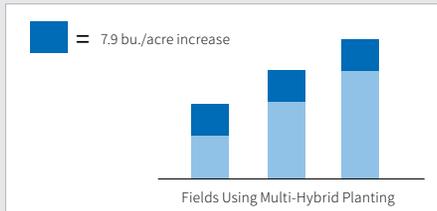
- Each hybrid is stored in separate bulk seed tanks and delivered to two electric drive vacuum meters that are completely synchronized, minimizing skips.



- The planter automatically switches between the two hybrids as it crosses different soil zones based on your field map. The change between the meters is virtually instantaneous. Additionally, the planter changes the rate on-the-go.

# 4900 MULTI-HYBRID

## 3 THE PAYBACK PROFITABILITY



- Three years of independent testing by Beck's Hybrids\* shows yield improvement in fields using multi-hybrid planting with an average yield increase of 7.9 bu./acre.

**INITIAL PAYBACK = 1,010 ACRES**

- Based on corn prices of \$3.50 per bushel and 7.9 bu./acre yield increase, the additional cost of multi-hybrid planting technology on a 4900 16 row planter would pay for itself after approximately 1,010 acres.\*\*



- Calculate your profit potential:  
 7.9 bu./acre increase  
 \$3.50 per bu.  
 1,500 acres  
 X 5 years  


---

**\$207,375\*\***

## 4 THE INTEGRATION USE YOUR OWN MAPS

Hybrid A Hybrid B



- Multi-hybrid planting utilizes yield or soil maps you already have. Work with your agronomist or seed consultant to identify the best hybrid for each zone and fill each bulk seed tank with a different hybrid.

SMS Advanced™	●
SST Summit®	●
SST SIRRUS®	●
AgStudio PRO	●
Farm Works™	●

- You can create your prescription from any common precision farming software, including SMS Advanced™, SST Summit®, SST SIRRUS®, AgStudio PRO or Farm Works™.



- Simply upload your planting map to your Raven® Enviro Pro™ 4 monitor. Maps can be based on various parameters, such as soil type, yield data, fertility or a combination.

\*Based on three-year data from Beck's Hybrids in the 2014 Practical Farm Research Partner Results.  
 \*\*This calculation does not take into account variables such as overhead and input costs.

# 3700

## 3700 ROW CONFIGURATIONS

24 Row 20"

24 Row 22"

36 Row 20"

## FEATURE AVAILABILITY\*

Mechanical Meter

Vacuum Meter

Hydraulic Drive

Ground Contact Drive

Bulk Fill Hoppers

Front Fold Frame

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

\*\*While the intent of the ISOBUS standard is to provide cross compatibility between systems from different manufacturers, Kinze cannot guarantee performance with third party monitors (such as Case IH® and John Deere®) due to differences in hardware and software.

- Designed for sugarbeet growers and for planting narrower rows of corn
- 40, 44 and 60 ft. toolbar planting widths
- Pneumatic down pressure option to change settings on-the-go
- Electric clutch control option reduces seed costs
- Center flex to handle rolling terrain
- Rugged 7" x 7" x ½" two-section reinforced toolbar with 30-degree flex up and down
- Heavy-duty transport axle with oversized tires



**ISOBUS**  
COMPATIBLE\*\*



## IMPROVE TRANSPORT

Telescoping tongue extends and retracts as the planter folds/unfolds. Automatic and manual lockups combine for superior transport clearance and added safety when planter is in raised transport position.



# 3660

## 3660 ROW CONFIGURATIONS

12 Row 30"

16 Row 30"

## FEATURE AVAILABILITY\*

Mechanical Meter

Vacuum Meter

Hydraulic Drive

Bulk Fill Hoppers

Pivot Fold Frame

Hydraulic Weight Transfer

Split Rows

Liquid Fertilizer

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

\*\*While the intent of the ISOBUS standard is to provide cross compatibility between systems from different manufacturers, Kinze cannot guarantee performance with third party monitors (such as Case IH® and John Deere®) due to differences in hardware and software.

- In-line narrow transport just 11' 2" width
- 26 degrees of total toolbar flex – 13 degrees up and down
- Two 55-bu capacity bulk tank seed hoppers (110 bu. total capacity)
- Air seed delivery system with continuous airflow and optional scale package
- Improved ground clearance for drawbar and row unit during transport
- Available with liquid packages and low-profile row markers
- Hydraulic weight transfer system distributes weight across toolbar and comes standard



**HYDRAULIC DRIVE STANDARD**  
Wide selection of seed population rate changes on-the-go.



**ELECTRIC SINGLE ROW CLUTCHES STANDARD**  
Shut off manually or automatically with GPS.



**OPTIONAL PNEUMATIC DOWN PRESSURE**  
Change down pressure on-the-go with convenient cab-mounted digital readout displays.

**ISOBUS  
COMPATIBLE\*\***

# 3600

## 3600 ROW CONFIGURATIONS

- 12 Row 30"
- 12 Row 36"
- 12 Row 38"
- 16 Row 30"
- 16 Twin Row 30"

## FEATURE AVAILABILITY\*

- Mechanical Meter
- Vacuum Meter
- Hydraulic Drive
- Ground Contact Drive
- Pneumatic Down Pressure
- Bulk Fill Hoppers
- Pivot Fold Frame
- Hydraulic Weight Transfer
- Split Rows
- Liquid Fertilizer
- Dry Fertilizer

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

- Reinforced box and truss construction
- Rugged double 5" x 7" toolbar with four row center section
- 14 degrees of total toolbar flex - 7 degrees up and 7 degrees down - for improved ground contact on rolling terrain and terraces
- Pneumatic down pressure to change settings on-the-go
- Change seed populations on-the-go with optional hydraulic drive
- Electric Clutch Option
- Only bulk fill system with continuous airflow and optional scale package
- No mechanical agitation required for seed flow
- Twin 40 bu. bulk fill seed hoppers (80 bu. total capacity)
- Easy to service and maintain



\*\*While the intent of the ISOBUS standard is to provide cross compatibility between systems from different manufacturers, Kinze cannot guarantee performance with third party monitors (such as Case IH® and John Deere®) due to differences in hardware and software.

**ISOBUS  
COMPATIBLE\*\***



### 3600 16 ROW 30"

With split row package 32 row 15"



### 3600 16 ROW 30"

With liquid fertilizer packages with 80 bu. capacity bulk fill seed tanks



### 3600 12 ROW 30"

With split row package 23 row 15" with 80 bu. capacity bulk fill seed tanks

“The first Kinze planter we got was when we started looking at going from a 6 row planter to a 12 row. My dad was concerned with not only the width of a 12 row, how it traveled down the road, but we also have some steeper driveways we go in and out of. When we started looking at Kinze, my dad really liked the idea of the lift and spin. The planter’s not only narrow going down the road, but also gets it up into the air so you don’t have to worry about dragging the driveway.” – **Andy Meyer (West Union, Iowa)**



▶ Watch Andy’s video at: [www.kinze.com/andy](http://www.kinze.com/andy)



## NARROW TRANSPORT (11' 2")

Stainless steel-clad center post rotates toolbar. Spring-loaded latch/hook secures the toolbar in the fully raised/folded position. Eight engineered plastic pads glide against the post as it’s raised and lowered. No lubrication or daily maintenance required.



## NARROW 7.5" TWIN ROWS ON 30" SPACINGS

Exclusive push row design for better residue flow, superior balance and weight distribution across the entire toolbar. Plus wider access between rows for service access.

*\*Available with Bulk Fill only.*



## END-MOUNTED WHEEL MODULES

Centers the wheel track outside the end row unit. Incorporates seed rate transmission, contact drive tire and wing lift cylinder/tire mounting into a single, compact unit.

*\*One module per wing on 12 row sizes; two modules on 16 row size.*

# 3500

## 3500 ROW CONFIGURATIONS

6 Row 30"

8 Row 30"

## FEATURE AVAILABILITY\*

Mechanical Meter

Vacuum Meter

Ground Contact Drive

Pneumatic Down Pressure

Pivot Fold Frame

Split Rows

Liquid Fertilizer

Dry Fertilizer

\*Not all features are available with all configurations.  
Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

- Exclusive "lift and rotate" system
- Fold and transport in-line as narrow as tractor duals (11' 2")
- Toolbar locks in-line for transport
- Low-profile, two-fold row markers keep transport heights under 11"
- Hydraulics control lift and rotate functions



### EASY SPLIT ROW PUSH UNIT SHUT OFF

Just a quarter turn of the handy throwout clutch. No need to remove chains or disengage each row unit.



### EASY-ACCESS, END-MOUNTED TRANSMISSIONS

Handy precision-cut, plated sprockets make it easy to change rates.



### HEIGHT-ADJUSTABLE DOUBLE HITCH CLEVIS

Accommodates tractor-specific drawbar heights.

# 3200

## 3200 ROW CONFIGURATIONS

12 Row 30"

## FEATURE AVAILABILITY\*

Mechanical Meter

Vacuum Meter

Ground Contact Drive

Wing Fold Frame

Liquid Fertilizer

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

\*\*While the intent of the ISOBUS standard is to provide cross compatibility between systems from different manufacturers, Kinze cannot guarantee performance with third party monitors (such as Case IH® and John Deere®) due to differences in hardware and software.

- Center-hinged toolbar flex to follow field contour
- Center flex 13 degrees up and 12 degrees down for rolling terrain and terraces
- Two-piece tongue and hinged center toolbar flexes to follow field contour, locks rigid for transport
- Optional electric point row clutch package shuts off either side of the planter for half-width planting
- Low-profile triple-fold markers



**ISOBUS**  
COMPATIBLE\*\*



### OPTIONAL HYDRAULIC WING FOLD

Eliminates need to manually swing the wings. Selector valve lets you control row marker/wing folding functions using the same SCV outlet.



### EXCLUSIVE WING FOLD DESIGN

Creates sufficient space for fertilizer openers and row unit mounted attachments.

# 3140

## 3140 ROW CONFIGURATIONS

12 Row 30"

12 Row 36-38"

12 Row 38-40"

16 Row 30"

## FEATURE AVAILABILITY\*

Mechanical Meter

Vacuum Meter

Ground Contact Drive

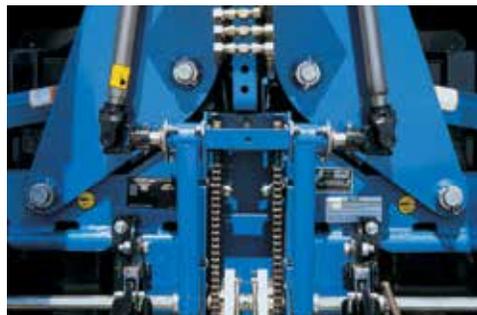
Stack-Fold Mounted Frame

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

- Clean, uncluttered toolbars with unique 3-point mounted stack fold system
- Patented design allows wings to flex 8 degrees up from inboard hinge point
- Optional wing down flex cylinder package to flex 8 degrees down in addition to standard 8 degrees up flex
- Optional dual lift assist increases transport ease and stability using lift assist wheel arms
- Spring-loaded contact drive tires, adjustable height wheel modules, self-contained seed rate transmissions and a point row-clutch option
- Hydraulic latch automatically locks wings with outboard folding links

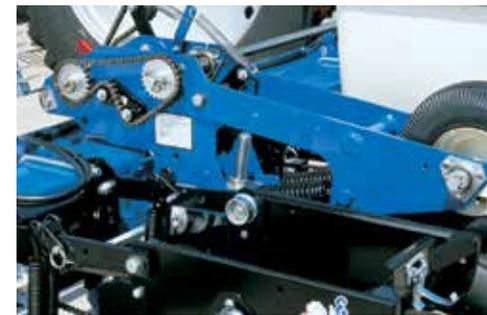


Wide-based parallel linkage design eliminates overhanging weight on the wings.



### NO COUPLERS TO DISENGAGE

No need to uncouple the wing drive from the center section before unfolding. Telescoping U-joint shafts make folding easy.



### SPRING-LOADED CONTACT DRIVE SYSTEM

Comes with adjustable height wheel modules and easy-access seed rate transmissions.

# 3110

## 3110 ROW CONFIGURATIONS

6 Row 30"

6 Row 36-40"

8 Row 30"

8 Row 36-40"

## FEATURE AVAILABILITY\*

Mechanical Meter

Vacuum Meter

Ground Contact Drive

Rigid Mounted Frame

\*Not all features are available with all configurations.  
Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

- Only rigid, mounted planter with contact drive and self-contained seed rate transmissions
- Clean, uncluttered toolbars
- Bolt-on, height-adjustable drive/gauge wheel modules
- Change row spacings
- Adjust toolbar height for flatland planting or different heights for beds



### CATEGORY 3 HITCHES

Plated pins and bushings used on all rigid sizes.



### EASY-ACCESS SEED RATE TRANSMISSIONS

Spring-loaded idler arm sets tension and makes ratio changes easy. Precision-cut plated sprockets furnished for incremental rate adjustments. No tools required.

# 3000

## 3000 ROW CONFIGURATIONS

4 Row 30"

6 Row 30"

8 Row 30"

## FEATURE AVAILABILITY\*

Mechanical Meter

Ground Contact Drive

Rigid Frame

Split Rows

Liquid Fertilizer

Dry Fertilizer

\*Not all features are available with all configurations. Visit [www.Kinze.com/planters](http://www.Kinze.com/planters) or your local dealer for details.

- Switch from standard to split rows with one planter
- Convert to 15" row spacings in minutes
- Double frame option allows for split rows and fertilizer application on one planter
- Master/slave hydraulic lift system keeps frame level during lifting, even in rolling terrain
- Throw-out clutches shut off all split rows with just a quarter turn
- Row markers come standard (2-fold on 8 row)



DRY FERTILIZER

**FORMED AND WELDED SPACERS** handle liquid or dry fertilizer simultaneously with split row units.



LIQUID FERTILIZER



**SELF-LEVELING HITCH** included with split row option provides superior transport clearance.

# 4000 SERIES PLANTERS: FEATURES AND OPTIONS

FEATURE / OPTION	24R 30"	16R 30"	12R 30"	16R 30" MH
<b>PLANTER FRAME / TOOLBAR</b>				
Front Fold Frame	S	S	S	S
Flexibility - 21° Up and 21° Down	S	S	S	S
Row Markers	O	O	O	O
Flip Axle	S	—	—	—
Hydraulic Weight Transfer	S	S	S	S
Number of Rows per Wing	8	5	3	5
Two-point or Drawbar Hitch	O	O	O	O
Telescoping Drawbar Hitch	O	O	O	O
PTO Hydraulic Package	O	O	O	O
<b>SEED HANDLING</b>				
1.9 Bu. Seed Hoppers	O	O	O	—
3.0 Bu. Seed Hoppers	O	O	O	—
45 bu. Bulk Fill Hoppers	—	—	O	—
60 bu. Bulk Fill Hoppers	O	O	—	S
Bulk Fill Scale Package	O	O	O	S
<b>TRANSMISSION / DRIVE SYSTEM</b>				
Ground Contact Drive	O	O	O	—
Hydraulic Drive	O	O	O	—
Electric Drive	O	O	O	S
<b>MONITORS AND CONTROL</b>				
KPM III Electronic Seed Monitor	O	O	O	—
ISOBUS Electronics Package	O	O	O	—
ISOBUS Advanced Electronics Package	O	O	O	—
Raven Viper 4 Display (With Electric Drive)	S	S	S	—
Control Box	S (Ground/Hyd) O (Electric Dr)	S (Ground/Hyd) O (Electric Dr)	S (Ground/Hyd) O (Electric Dr)	S
Electric Single Row Clutches	O	O (Electric Dr)	O	—
Raven Envizio Pro™	—	—	—	S

S = Standard, O = Optional

FEATURE / OPTION	24R 30"	16R 30"	12R 30"	16R 30" MH
<b>ROW UNITS</b>				
Rubber V Closing Wheels	O	O	O	O
Cast Iron Closing Wheels	O	O	O	O
Furrow Cruiser® Spiked Closing Wheels	O	O	O	O
Press Wheel	O	O	O	O
Spiked Closing Wheels	O	O	O	O
Down Pressure Springs	O	O	O	O
Heavy Duty Down Pressure Springs	O	O	O	O
Pneumatic Down Pressure	O	O	O	O
Row Unit Mounted No Till Coulters	O	O	O	O
Residue Wheels	O	O	O	O
Dawn® Gfx Hydraulic Row Cleaners	O	O	O	O
Granular Chemical Attachments	O	O	O	—
<b>METERING</b>				
Vacuum Seed Metering	O	O	O	S
Mechanical Finger Pickup	O	O	O	—
Brush-Type Seed Meter	O	O	O	—
<b>FERTILIZER</b>				
Liquid Fertilizer Packages	O	O	O	O
Liquid Fertilizer Openers	O	O	O	O
Liquid Fertilizer Tube in Furrow	O	O	O	O
Piston Pump Packages	O	O	O	O
Centrifugal Pump Packages	O	O	O	O
<b>MISCELLANEOUS</b>				
Temperature Sensor (Only Available on Electric Drive Planters)	O	O	O	O
Transport Lights and Signs	S	S	S	S
Auxiliary Work Light Package	S	S	S	S
Safety Chain (Drawbar Hitch)	S	S	S	S
Parking Jack	S	S	S	S
Rear Trailer Hitch	O	O	O	O

# 3000 SERIES PLANTERS: FEATURES AND OPTIONS

FEATURE / OPTION	3700	3660	3600	3500	3200	3140	3110	3000
<b>PLANTER FRAME / TOOLBAR</b>								
Frame Styles	Front Fold	Pivot Fold	Pivot Fold	Pivot Fold	Wing Fold	Mounted	Mounted	Rigid
Flexibility	Center Flex 15° Up / 15° Down	Wing Flex 13° Up / 13° Down	Wing Flex 7° Up / 7° Down	Rigid	Center Flex 13° Up / 12° Down	Wing Flex 8° Up / 8° Down	Rigid	Rigid
Split Rows	—	O	O (NA on 7.5" or 36"/38")	O	—	—	—	O
Even Rows	—	O	O	O	—	—	—	—
Twin Rows	—	—	O (Bulk Fill Only)	—	—	—	—	—
Row Markers	O	O	O (S on 12R W)	S	S	O	O	S
Hydraulic Weight Transfer	—	S	O	—	—	—	—	—
Hitch	Clevis	Clevis	Clevis	Clevis	Clevis	3-point	3-point	Clevis
2-point Adapter	—	O	O	O	—	—	—	—
Tractor-Mounted Hydraulic Pump	O	O	O	O	—	—	—	—
Planter-Mounted Hydraulic Pump	S (With Vacuum Meters Models)	O (With Bulk Fill Models Only)	O (With Vacuum Meter Models Only)	—	—	—	—	—
<b>SEED HANDLING</b>								
Row Unit Seed Hoppers	O <sup>1</sup>	O	O <sup>2</sup>	S	S	S	S	S
40 bu. Bulk Fill Hoppers	—	—	O <sup>2</sup>	—	—	—	—	—
55 bu. Bulk Fill Hoppers	O <sup>1</sup>	O	—	—	—	—	—	—
Bulk Fill Mini Hoppers	O <sup>1</sup>	O	O <sup>2</sup>	—	—	—	—	—
Bulk Fill Scale Package	O	O	O <sup>2</sup>	—	—	—	—	—
<b>TRANSMISSION / DRIVE SYSTEM</b>								
Variable Hydraulic Drive	O	S	O	—	—	—	—	—
Ground Contact Drive	S	—	S	S	S	S	S	S
<b>MONITORS AND CONTROL</b>								
KPM III Electronic Seed Monitor	O	—	O	O	O	O	O	O
ISOBUS Electronics Package	O	O	O	—	O	—	—	—
Ag Leader Integra Display Package	O	O	O	—	O	—	—	—
GPS Autoswath or Manual Control	O	S	O	—	O	—	—	—
Electric Single Row Clutches	O	S	O	—	—	—	—	—

# 3000 SERIES PLANTERS: FEATURES AND OPTIONS

FEATURE / OPTION	3700	3660	3600	3500	3200	3140	3110	3000
<b>ROW UNITS</b>								
Rubber V Closing Wheels	0	0	0	0	0	0	0	0
Cast Iron Closing Wheels	0	0	0	0	0	0	0	0
Furrow Cruiser® Spiked Closing Wheels	0	0	0	0	0	0	0	0
Press Wheel	0	0	0	0	0	0	0	0
Down Pressure Springs	0	0	0	0	0	0	0	0
Heavy Duty Down Pressure Springs	0	0	0	0	0	0	0	0
Pneumatic Down Pressure	0	0	0	0	—	—	—	—
Row Unit Mounted No Till Coulters	0	0	0	0	0	0	0	0
Residue Wheels	0	0	0	0	0	0	0	0
Dawn® Gfx Hydraulic Row Cleaners	0	0	0	0	0	0	0	0
Granular Chemical Attachments	0	0	0	0	0	0	0	0
<b>METERING</b>								
Vacuum Seed Metering	0 <sup>1</sup>	0 <sup>7</sup>	0 <sup>3</sup>	0	0	0	0	—
Mechanical Finger Pickup	0 <sup>1</sup>	0	0	0	0	0	0	0
Brush-Type Seed Meter	0 <sup>1</sup>	0	0	0	0	0	0	0
<b>FERTILIZER</b>								
Liquid Fertilizer Packages	0 <sup>6</sup>	0 <sup>2</sup>	0 <sup>4</sup>	0	0	—	—	0
Dry Fertilizer Packages	—	—	0 <sup>5</sup>	0	—	—	—	0
Double Disc Opener Package	—	0	0 <sup>5</sup>	0	0	—	—	0
Notched Single Disc Opener Package	—	0	0	0	0	—	—	0
Heavy-duty Single Disc Opener Package	—	0	0 <sup>5</sup>	0	0	—	—	0
Liquid Fertilizer Tube In-Furrow	—	0	0	0	0	—	—	0
Liquid Fertilizer Pump Packages	0 <sup>6</sup>	0 <sup>3</sup>	0 <sup>4</sup>	0	0	—	—	0 <sup>3</sup>
<b>MISCELLANEOUS</b>								
Transport Lights and Signs	S	S	S	S	S	S	S	S
Auxiliary Work Light	—	0	0	0	—	—	—	—
Safety Chain	S	S	S	S	S	S	S	S
Parking Jack	S	S	S	S	S	S	S	S
Rear Trailer Hitch	—	0	0	0	—	—	—	—

1. Not all configurations are compatible with each other. Refer to chart on page 8 for additional information.

2. Not available with bulk fill equipped with split rows.

3. Only available with pump and openers with split rows.

4. Not available with split rows or twin rows.

5. Not available with bulk fill, split rows or twin rows.

6. Not all configurations are compatible with each other. Refer to chart on page 16 for additional information.

7. Not available on 12 row with row unit hoppers.

# DIMENSIONS

MODEL	4900			4900 MH	3700	
	24 ROW 30"	16 ROW 30"	12 ROW 30"	16 ROW 30"	36 ROW 20"	24 ROW 22"
<b>Length</b>						
Planting - Row Unit Hoppers	27' 1" <sup>1</sup>	20' 0" <sup>1</sup>	17' 6" <sup>1</sup>	-	-	27' 4"
Planting - Bulk Fill Hoppers	28' 10" <sup>1</sup>	21' 11" <sup>1</sup>	19' 4" <sup>1</sup>	21' 11" <sup>1</sup>	40' 2"	27' 4"
Transport - Row Unit Hoppers	42' 2" <sup>1</sup>	31' 9" <sup>1</sup>	27' 7" <sup>1</sup>	-	-	32' 0"
Transport - Bulk Fill Hoppers	43' 8" <sup>1</sup>	33' 5" <sup>1</sup>	29' 5" <sup>1</sup>	11' 9" <sup>1</sup>	40' 2"	32' 0"
1. Add 2' 9" to length with drawbar hitch; add 1' 2" to length for 2-point hitch						
<b>Width</b>						
Planting - Row Unit Hoppers	62' 5"	43' 4"	33' 4"	43' 4"	-	47' 11"
Planting - Bulk Fill Hoppers	62' 5"	43' 4"	33' 4"	43' 4"	63' 9"	47' 11"
Transport - Row Unit Hoppers	12' 0"	12' 0"	12' 0"	12' 0"	-	13' 0"
Transport - Bulk Fill Hoppers	12' 0"	12' 0"	12' 0"	12' 0"	13' 0"	13' 0"
<b>Height</b>						
Planting - Row Unit Hoppers	8' 8"	8' 8"	8' 8"	-	-	n/a
Planting - Bulk Fill Hoppers	9' 3"	8' 11"	8' 9"	8' 11"	8' 7"	8' 7"
Transport - Row Unit Hoppers	11' 4" <sup>2</sup>	11' 1" <sup>3</sup>	11' 0" <sup>3</sup>	-	-	10' 9"
Transport - Bulk Fill Hoppers	12' 0" <sup>2</sup>	11' 9" <sup>3</sup>	11' 7" <sup>3</sup>	11' 9" <sup>3</sup>	13' 0"	13' 0"
2. Includes row markers, flip axle and fertilizer 3. Includes row markers and fertilizer						
<b>Weight (empty)</b>						
Base machine - Row Unit Hoppers*	28,000-30,875 lbs.	18,930-20,180 lbs.	14,300-16,370 lbs.	-	-	18,800-20,200 lbs.
Base machine - Bulk Fill Hoppers*	31,525-33,770 lbs.	21,490-22,930 lbs.	17,070-18,000 lbs.	21,080 lbs.	26,872 lbs.	19,900-21,300 lbs.
Hitch - Row Unit Hoppers	9,933 lbs. <sup>4</sup>	7,141 lbs.	5,038 lbs.	-	n/a	n/a
Hitch - Bulk Fill Hoppers	10,146 lbs. <sup>4</sup>	7,380 lbs.	5,260 lbs.	7,380 lbs.	n/a	n/a
4. Hitch weight reduced by 1,500 lbs. when flip axle is engaged (may vary with other installed options)						

MODEL	3500		3200	3140		
	8 ROW 30"	6 ROW 30"	12 ROW 30"	16 ROW 30"	12 ROW 38-40"	12 ROW 36-38"
<b>Length</b>						
Planting	19' 8"	19' 8"	17' 9"	5' 3" / 9' 5" <sup>5</sup>	5' 3" / 9' 5" <sup>5</sup>	5' 3" / 9' 5" <sup>5</sup>
Transport	26' 5"	23' 9"	17' 9"	5' 3" / 9' 5" <sup>5</sup>	5' 3" / 9' 5" <sup>5</sup>	5' 3" / 9' 5" <sup>5</sup>
5. With dual lift assist package						
<b>Width</b>						
Planting	21' 10"	16' 10"	31' 4"	40' 0"	40' 0"	37' 4"
Transport	11' 2"	11' 2"	16' 2"	21' 1" <sup>6</sup> / 23' 0"	21' 1" <sup>7</sup> / 22' 2"	18' 5" <sup>7</sup> / 19' 6"
<b>Height</b>						
Planting	n/a	n/a	n/a	n/a	n/a	n/a
Transport	10' 6"	10' 6"	9' 1"	12' 6" <sup>6</sup> / 15' 6"	12' 6" <sup>7</sup> / 15' 6"	12' 6" <sup>7</sup> / 15' 6"
6. Without markers						
<b>Weight (Empty)</b>						
Base Machine*	5,886-6,269 lbs.	5,163-5,443 lbs.	7,500-8,066 lbs.	7,480-8,109 lbs.	6,621-7,214 lbs.	6,541-7,127 lbs.

\*Base machine weight depending on how machine is equipped (meters, drives and hoppers).

# DIMENSIONS

3660			3600			
24 ROW 20"	16 ROW 30"	12 ROW 30"	16 TWIN ROW 30"	16 ROW 30"	12 ROW 36-38"	12 ROW 30"
27' 4"	26' 3"	23' 9"	n/a	24' 0"	22' 0"	21' 0"
27' 4"	26' 3"	23' 9"	24' 0"	24' 0"	-	21' 0"
32' 0"	49' 2"	39' 2"	n/a	46' 10"	45' 10"	36' 10"
32' 0"	49' 2"	39' 2"	46' 10"	46' 10"	-	36' 10"
43' 11"	42' 11"	32' 11"	n/a	41' 2"	37' 2"	31' 2"
43' 11"	42' 11"	32' 11"	41' 2"	41' 2"	-	31' 2"
13' 0"	11' 2"	11' 2"	n/a	11' 2"	13' 4"	11' 2"
13' 0"	11' 2"	11' 2"	11' 2"	11' 2"	-	11' 2"
n/a	n/a	n/a	n/a	n/a	n/a	n/a
8' 7"	n/a	n/a	8' 2"	8' 2"	n/a	8' 2"
10' 9"	11' 11"	11' 11"	n/a	11' 5"	11' 5"	11' 5"
13' 0"	12' 11"	12' 11"	12' 6"	12' 6"	-	12' 6"
18,300-20,000 lbs.	18,460-19,100 lbs.	15,040-18,400 lbs.	n/a	15,730-16,210 lbs.	13,522 lbs.	12,780-13,185 lbs.
19,700-21,000 lbs.	20,020-21,400 lbs.	17,120-17,450 lbs.	19,620-21,140 lbs.	15,600-17,048 lbs.	-	14,590-15,242 lbs.
n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a

3110				3000			
12 ROW 30"	8 ROW 36-40"	8 ROW 30"	6 ROW 36-40"	6 ROW 30"	8 ROW 30"	6 ROW 30"	4 ROW 30"
5' 3" / 9' 5" <sup>5</sup>	5' 3"	5' 3"	5' 3"	5' 3"	11' 4" / 13' 8" <sup>8</sup>	11' 4" / 13' 8" <sup>8</sup>	11' 4" / 13' 8" <sup>8</sup>
5' 3" / 9' 5" <sup>5</sup>	5' 3"	5' 3"	5' 3"	5' 3"	11' 4" / 13' 8" <sup>8</sup>	11' 4" / 13' 8" <sup>8</sup>	11' 4" / 13' 8" <sup>8</sup>
30' 0"	27' 8"	21' 10"	21' 0"	17' 8"	21' 10"	17' 8"	12' 8"
16' 1" <sup>7</sup> / 17' 9"	27' 8"	21' 10"	21' 0"	17' 8"	21' 10"	17' 8"	12' 8"
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
12' 2" <sup>7</sup> / 13' 2"	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6,236-6,794 lbs.	3,494-3,830 lbs.	3,092-3,407 lbs.	2,560-2,854 lbs.	2,483-2,763 lbs.	4,874-5,548 <sup>8</sup> lbs.	3,864-4,398 <sup>8</sup> lbs.	2,538-2,948 <sup>8</sup> lbs.

8. With Double-Frame

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