



# Series 2100

John Deere Planters





## John Deere Series 2100 Planters: technology at a glance

When working in planting, producers always invest in the best seed, also in both proper fertilizer and herbicide. That's why it's essential to invest in a planter with high technology and performance, such as John Deere Planter, which meets all requirements and expectations for a perfect planting operation.

Series 2100 was specially designed for planting in every soil condition. John Deere Planter gets all planting operations done with more quality, in addition of being easier to use and way faster to perform maintenance and adjustments.

Higher field efficiency = higher productivity per working day





## Maximum operational performance with ultimate precision

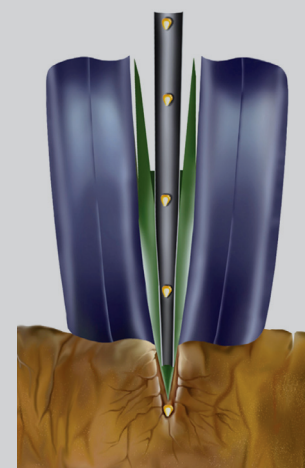


The quality of the planting operation is one of the main factors that may affect the outcome in the plantation. Having the best harvester and the best sprayer is not enough if you don't have the best planter. Planting is the most important phase and must be performed with cutting edge technology and quality. Each hybrid features an ideal capacity that, when combined with the good handling practices, can lead to significant gains in productivity.

For a high-quality planting, it is necessary that the planter has the capacity of:

- Depositing seeds in the plantation furrow with uniform depth.
- Feeding seed by seed equidistantly, without failures.
- Allowing the contact between the soil and the seed for a better germination.
- Applying the fertilizer in both depth and quantity desired.

### John Deere Series 2100 Planters Features:

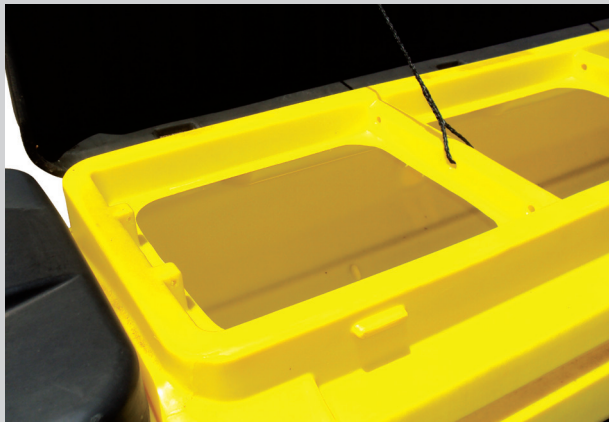


- Easy and fast maintenance and adjustments.
- Higher technology to increase the performance.
- High performance in all soil conditions.
- Uniformity when planting seeds and applying fertilizer.
- Easy refilling.
- Improved strength and durability.





## Fertilizer system

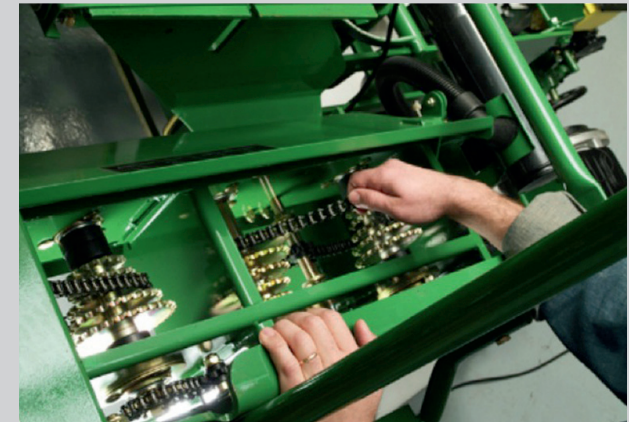


- High-quality and reliable fertilization of system that uses polyethylene hoppers and unique feeding system.
- Prolonged useful life and lower system maintenance cost
- Wide range of fertilization.



### ProMeter™ Fertilizer meter

- Higher precision when metering fertilizers, even on slopes.
- Maintain the flow of fertilizer without the occurrence of pulses (oscillations).
- One meter per row



### Gear transmission box

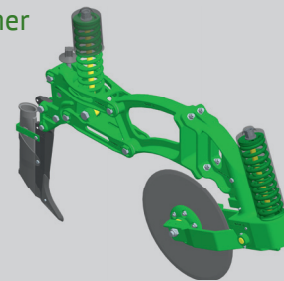
- Features several combinations of fertilizer and seed feeding rates to meet the most demanding technical recommendations with high reliability.
- The gearbox is assembled on the sides of the planter, allowing easy access and fast adjustment.
- No need for tools.

### The best furrow openers for all planting conditions

- Features a pantographic system, which keeps the angle of attack to the ground, maintaining the straw uniformity.
- Has the option of multi-openers, allowing the replacement of discs through the rods without replacing the bracket.

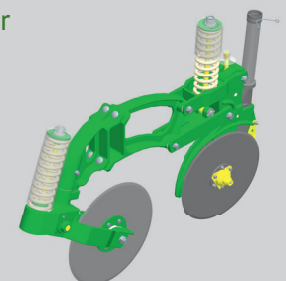
### Shank type fertilizer opener

Excellent performance in direct planting, using 18" cutting disc and shank type fertilizer opener, which are indicated for clayish soils with high compaction. Minimum soil disturbance and proper application of the fertilizer.



### Double disks fertilizer opener

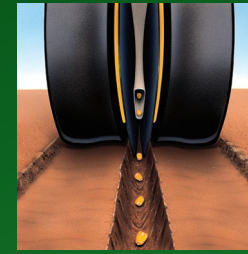
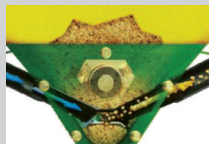
Used in the direct planting, for plantation in light and medium soils, with excellent performance, even in wet soils with huge amount of straw. Allows planting in higher speeds with lower power demand.



## CCS - Central Seed Hopper



- Increased capacity of seeds, increasing the autonomy of planting.
- Easy and fast refilling, which can be accomplished with a bulk carrier hopper or big-bags.
- When it is necessary to replace either the seed or crop, the system can be easily cleaned.
- Recommended for the planting of corn, soybeans, popcorn, cotton, sunflower, sorghum and millet.
- Uses the airflow positive pressure (impeller) to carry the seed up to the mini-hoppers.



### Walking System™ - depth gauge wheels

- Better controlling of the seed planting depth in the soil.
- Stand-alone movement to better adapt to soil elevations.
- Easy overcoming of obstacles in the plantation.



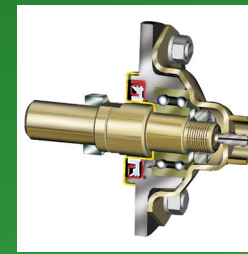
### Row unit pressure

- Easy adjustment with better controlling of the seed depth.



### Seed closing wheels

- The covering wheel system has a bunch of adjustment features for all types of soils.



### VedaSystem Bearings

- Excellent sealing system, exclusive of John Deere planters, which extends the useful life in comparison with the conventional bearings.
- Low maintenance cost.



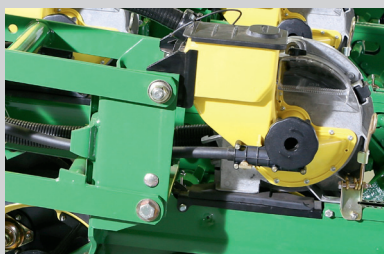
## Seed metering

The seed metering is considered the most essential and crucial phase in the planting operation. With the VacuMeter™ metering device, the planting uniformity is unparalleled, thus achieving the maximum potential productivity in the planting.



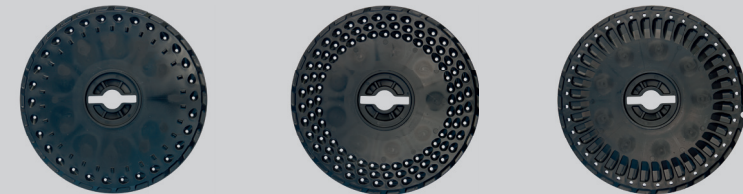
### Double eliminator and acrylic display

- Homogeneous crop stand, without double seeds or failures.
- CoV decreased (Coefficient of variation).
- The double display allows viewing the seed disc clearly, making easier the adjustment of the double eliminator.



### Transmission via flexible cable

- Innovative transmission system that replaces the chain transmission and eliminates failures related to heavy residues.
- Fully eliminates the daily maintenance and the need for lubrication.



### VacuMeter™ pneumatic metering device

- The system works with speeds up to 7.5 mph, keeping the quality in feeding seeds.
- Intended for the planting of soybeans, corn, cotton, sorghum, sunflower, etc. (specific discs for each culture).
- It provides an ideal stand, leading to an increased productivity.
- Fast disc replacement and correct positioning in the meter hub.
- Higher precision in spacing the seed in the planting furrow.
- Plantation of crops with greater homogeneity.
- Perfect stand.
- Higher crop productivity.



## John Deere technology



### Auteq MPA2500 Planting Display – Available in all Series 2100 models.

- Avoid failures when planting seeds, deviations in the amount and excessive speed.
- Increases the productivity of machines by allowing night operations.
- Easily monitors the area and time effectively worked.
- Monitor up to 30 rows simultaneously.
- Seed information - amount, spacing between seeds and seeds per meter, counting of seeds, among others.
- Fast operation, large worked area, productivity (Ac/h).
- Photoelectric seed sensors with ultra sensible, waterproof, and compact photodiodes.

### Planting precision with satellite technology

- John Deere also offers AMS equipment, with which achieves greater operational efficiency due to reduced overlap of the implement, and also reduces fuel and supplies costs.
- AMS prices and options must be consulted at the time of the planter/tractor combination, through the price list of John Deere tractors.
- Higher planting precision with satellite technology.



# Series 2100

## John Deere planters



### John Deere Series 2100 Planters

	2113	2115	2117	2122	2126	2126 Without fertilizer	2130
<b>Coupling</b>							
Type	Dragging	Dragging	Dragging	DualFlex 12°-20°	DualFlex 12°-20°	DualFlex 12°-20°	DualFlex 12°-20°
<b>Pantographic planting rows</b>							
Number of rows and spacing (factory)	12 rows x 45-50 cm 13 rows x 45 cm	13 rows x 50-52,5 cm 15 rows x 45-50 cm	15 rows x 45-50 cm 17 rows x 40-45 cm	20 rows x 50 cm 22 rows x 40-45 cm	24 rows x 45-50 cm 26 rows x 45 cm	24 rows x 50 cm 26 rows x 45 cm	18 rows x 76 cm 26 rows x 50 cm 30 rows x 45 cm
<b>Row maker</b>							
Type hydraulic	Optional	Optional	Optional	Optional	Optional	Optional	No
<b>Tires</b>							
Quantity	4	4	4	8	8	8	8
Type	Standard 10,5-18 10PR						
<b>Fertilizer furrow openers</b>							
Multi-furrow openers - rod	Standard	Standard	Standard	Standard	Standard	Não	Standard
Multi-furrow opener - mismatch double disc	Standard	Standard	Standard	Standard	Standard	Não	Standard
<b>Fertilizer Hopper</b>							
Quantity of ProMeter™ metering devices	12 - 13	13 - 15	15 - 17	20 - 22	24 - 26	-	18 - 26 - 30
Capacity (gal/lbs)*	653 - 6,172	747 - 7,054	841 - 7,936	1,120 - 10,582	1,307 - 12,345	-	5.660 - 6.400
<b>Seed hopper</b>							
CCS (gal/lbs)**	299 - 1,873	299 - 1873	299 - 1,940	599 - 3,747	599 - 3,747	599 - 3,747	599 - 3,747
<b>Seed furrow opener</b>							
Type	V-Walking System™ Standard double disc						
<b>Empty weight</b>							
With maximum capacity (lbs)	14,330	16,203	17,636	28,880	31,085	24,912	32,959
<b>Dimensions</b>							
Useful width (inches)	230	262	297	2 x 191	2 x 230	2 x 230	2 x 230
Transport width (inches)	283	314	350	448 - 468	519 - 539	519 - 539	559 - 578
Transport length - hitch retracted (inches)	4.000	4.000	4.000	-	-	-	-
<b>Power required</b>							
Minimum HP (kW)***	140 - 210 (104 - 156)	160 - 225 (119 - 167)	180 - 260 (134 - 193)	240 - 335 (178 - 249)	260 - 410 (193 - 305)	180 - 260 (134 - 193)	320 - 460 (238 - 343)

\* The value in US gallons is approximate and the value in pounds is variable and achieved by calculating the capacity in gallons x product specific density (fertilizer/seed), based on: fertilizer density = 9.62 and seed density = 6.35.

\*\* The amount of fertilizer meters is equivalent to the number of planting units requested.

\*\*\* The power requirements vary depending on the type of soil, humidity, furrow opener and working depth.

QCM11921

The specifications are subject to changes without prior notice. Printed in June/2013. The products in the photos are for illustrative purposes, and may be equipped with optional equipment.  
Av. Jorge A. D. Logemann, 600 - Phone number: (55) 3537.5000 - CEP: 98920-000  
Distrito Industrial - Horizontina - RS - Brazil - [JohnDeere.com.br](http://JohnDeere.com.br)