

READY TO PLANT Quick Reference Guide

This guide does not replace your Operators Manual. Always read your Operators Manual before operating equipment.

Meter Performance

Operating Vacuum (Vacuum Meters)

- To purge the system of dirt and talc-graphic buildup, clean the system as directed in the operator manual.
- For initial settings, use the operator manual or seed supplier recommendations.

Talc-Graphic Usage

- With untreated seed and commercially treated seed (not farmer treated seed), apply these talc-graphic rates.
- To coat all seeds with talc-graphic, but avoid talc-graphic accumulation in bottom of tanks and hoppers, adjust talc-graphic rates as necessary.
- Double talc-graphic rates with very large or very small seeds, with heavy or sticky seed treatment, or in humid planting conditions.
- With 35 or 50 bushel bulk tanks, meter the talc-graphic into the tanks while filling with seed. To ensure complete coverage, stir the seed.
- To verify that all seeds are coated with talc-graphic, occasionally inspect seeds in the ground behind planter.
- Ensure all meters are clean of any build-up.

Application Rate of Talc in CCS™ Tanks	
CCS™ Tank Size	Amount of Talc-Graphite
1233 L (35 bu.) Bulk Tank	2.6 L (11 cups)
1762 L (50 bu.) Bulk Tank	3.8 L (16 cups)
Per 80 000 kernel seed corn unit	74 mL (5 tbsp.) (2.5 oz.)

Wax-Based Lubricant Usage (Vacuum Meters)

- Wax-based lubricant typically has lower levels of inert and seed treatment dust in the vacuum exhaust.
- With untreated seed and commercially treated seed (not farmer treated seed), apply these rates.

- To coat all seeds with lubricant, but avoid accumulation in bottom of tanks and hoppers, adjust lubricant rates as necessary.
- Double lubricant rates with very large or very small seeds, with heavy or sticky seed treatment, or in humid planting conditions.
- With 35 or 50 bushel bulk tanks, meter the lubricant into the tanks while filling with seed. To ensure complete coverage, stir the seed.
- To verify that all seeds are coated with lubricant, occasionally inspect seeds in the ground behind planter.

Application Rate of Approved Fluency Agent in CCS™ Tanks		
CCS™ Tank Size	Quantity of Wax-Based Agent	Quantity of Graphite Agent
1233 L (35 bu.) Bulk Tank	0.84 L (3-1/2 cups)	0.21 L (3/4 cups)
1762 L (50 bu.) Bulk Tank	1.2 L (4-3/4 cups)	0.3 L (1-1/8 cups)
Per 80 000 kernel seed unit	24 mL (1/8 cup)	6 mL (1 tsp.)

Seed Treatments

- For best results, use of farmer applied seed treatment is not recommended. If farmer applied treatments must be used, apply treatment to seed and allow to dry before filling planter.

Vacuum Meters

- Verify that the correct seed bowl is installed for the seed being planted.
- Verify that the meter brushes, baffle, scraper, double eliminator, hub adjustment, and other factors are all adjusted according to the seed used. See the operator manual.
- If new bowls are installed, apply graphite-lubricant spray TY25797 to the outside of the seed bowl.

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Vacuum Meters

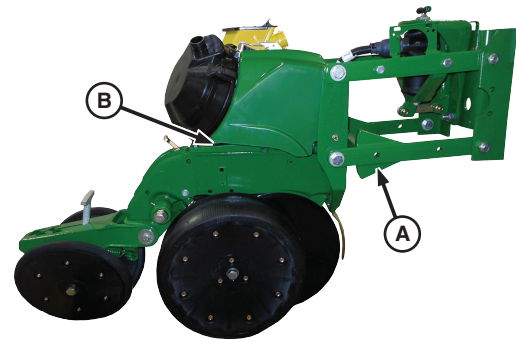
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READY TO PLANT Quick Reference Guide

Optimizing Planter Performance

Frame

- Verify that the planter frame, parallel arms (A), and planting units (B) are running parallel to the ground. Periodically perform checks.



NOTE: Before adjusting planter frame, verify that all row units are set to equal down force.

- If the parallel arms are not level or angled slightly upward, adjust frame height. If planting units are not level, adjust hitch height.
- Side-to-side level is also important for improved performance.
 - Integral Planters: Verify that tractor hitch and planter-frame gauge wheels are adjusted properly.
 - Drawn Planters: To rephase the hydraulic system, lower frame and hold SCV in detent for 5-10 seconds. If rephasing does not correct the level, adjust frame wheel height.

Row Unit

- **Tru-Vee™ Setting:**
 - If blades are replaced, replace them in pairs to ensure consistent wear and a uniform seed furrow.
 - If beveled edge is worn away or blade diameter is less than 35 cm (14 in.), replace opener blades.
 - If blade damage from rocks or stumps creates irregular seed furrow, replace opener blades.
 - If blades are replaced, verify the correct amount of blade contact. Insert two business cards on each side of blade contact point and measure between cards. The correct blade contact is 3.8–6.4 cm (1.5–2.5 in.).

- **Gauge Wheel Setting:**
 - To prevent material buildup between gauge wheels and opener blades, adjust gauge wheels to specified distance from blade.
 - Specification - Slightly touch blade or no more than 1.5 mm (1/16 in.) from blade at closest point when wheel is rotated.
- **Row Unit Down Force:**
 - To maintain proper seed depth, adjust down force to a proper level for field conditions. Excessive down force leads to increased wear.

Fast Start

Fast Start immediately dispenses seed for up to 6 seconds after being activated. If no motion is detected in 6 seconds, Fast Start will time-out and all drives will stop.

Fast Start

The control unit must detect the three following conditions before Fast Start activates:

- Planter wheel motion must not be detected.
- Planter frame height must indicate a lowered position.
- Actual measured radar speed must be less than 2.4 km/h (1.5 mph).

Tire Pressures

Measure all air pressures with planter in plant position.

- Verify that all frame tires are inflated to specifications in the operator manual.

- Correct frame-tire inflation maintains a level frame.

Always verify population and spacing with a field check



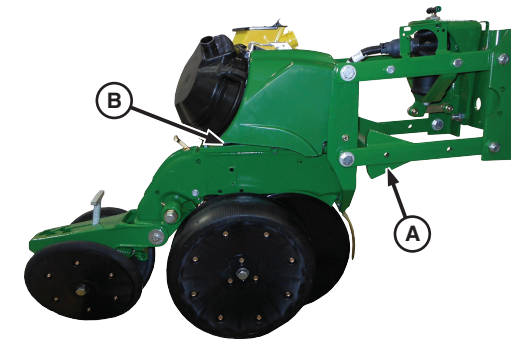
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