

# Introducing the all-new 2510H High Speed Applicator with Dry Nutrient Attachment



- 1 Pass.
- 2 Nutrient Forms.
- 3 Seasons.
- 4R Champion.



## The numbers say it all.

One high-speed pass is all you need to feed crops when and where they need it most. You can apply N, P and K in two forms (dry and anhydrous) and get the money-saving flexibility you need to fit your fertilizer sources and season, whether it's fall, pre-plant or sidedress.

## Proud partner of 4R Nutrient Stewardship

The new 2510H Dry Applicator supports 4R practices better than any nutrient applicator on the market today.

**The right source.** Adding dry application means the 2510H with Dry Nutrient Attachment can now apply N, P and K at the same time. You can save up to \$5 an acre by combining passes in this way.

**The right time.** By adding a 6- or 9-ton dry tank to our field-proven 2510H anhydrous bar, the result is a three-season machine with even more capabilities for fall, pre-plant and sidedress applications.

**The right place.** The 2510H with Dry Nutrient Attachment places nutrients closer to the root zone where they're more readily available. Incorporate directly into soil to greatly reduce risk of nutrient loss. Accurate placement does pay. Accurate placement can net an extra 20 bushels or more per acre at an equal nutrient rate, according to several university studies.\*\* For 200-bushel corn, research has shown it can increase yields up to 10 percent.

**The right rate.** The hydraulically driven dry metering system reduces your calibration efforts and can deliver up to 800 lb. per acre at 5 mph (8 km/h). It is also designed with low row-to-row variability, ensuring that the desired nutrient rate is delivered to each row.

The all-new, all-in-one 2510H with Dry Nutrient Attachment is the fully integrated solution you expect from the leader. See your John Deere dealer today for details.

*\*Iowa State University 2014 Custom Application Rates Survey*

*\*\*Source: Studies and field trials from the University of Nebraska, University of Kansas, University of Iowa, University of Illinois and Ohio State University*



4R is a trademark of The Fertilizer Institute.



**High-speed application.** At speeds up to 10 mph (16 km/h), the new 2510H with Dry Nutrient Attachment is significantly more productive than alternative banding solutions on the market today.



**36 in. (914 mm) underframe clearance.** This allows you to use the 2510H with Dry Nutrient Attachment for three seasons. Three-season application (fall, spring, sidedress) delivers a 33% increase in equipment asset utilization over a two-season machine.



**Smooth-riding performance.** You'll glide over rough terrain, thanks to the large 380 tires that support the tank and rear frame and the two front gauge wheels that evenly distribute machine weight. The front gauge wheels deliver more flotation in soft conditions.



**Banding application can save fertilizer.** When using a banding application, the 2510H with Dry Nutrient Attachment places fertilizer precisely where plants can more efficiently use it. Studies from Ohio State and Purdue Universities have shown you can use less fertilizer to achieve the same or higher yields when nutrients are applied at the right time and in the right place for maximum plant uptake.



**Low soil disturbance.** The low disturbance row unit of the 2510H with Dry Nutrient Attachment is designed to handle high-residue levels without plugging. Plus, you can sidedress with minimal soil disturbance without damaging plants.



**1 Pass.**  
**2 Nutrient Forms.**  
**3 Seasons.**  
**4R Champion.**

The all-new 2510H High Speed Applicator with Dry Nutrient Attachment is now here.  
 Ask your John Deere dealer today for details.

## 2510H High Speed Applicator with Dry Nutrient Attachment

MODEL	6 Ton		9 Ton	
<b>SPECIFICATIONS</b>				
Working width	37.5 ft. (11.4 m)		37.5 ft. (11.4 m)	
Number of rows	15 rows		15 rows	
Row spacing	30 in. (76.2 cm)		30 in. (76.2 cm)	
Transport width	18.5 ft. (5.6 m)		18.5 ft. (5.6 m)	
Transport height	11.4 ft. (3.5 m)		13.1 ft. (4.0 m)	
Overall length	24 ft. (7.3 m)		25 ft. (7.6 m)	
<b>ROW UNIT</b>				
Single disk opener	22x256-in. (55.9x650.2-cm) flat coulters		22x256-in. (55.9x650.2-cm) flat coulters	
Gauge wheel	16x3.5 in. (406x89 mm)		16x3.5 in. (406x89 mm)	
Cast sealing wheel with notched blade	12-in. (30.5-cm) wheel, 14-in. (35.6-cm) notched coulters		12-in. (30.5-cm) wheel, 14-in. (35.6-cm) notched coulters	
Cast sealing wheel	12-in. (30.5-cm) wheel		12-in. (30.5-cm) wheel	
Sealing wheel type	Spring cushioned		Spring cushioned	
Adjustment	Spring		Spring	
Operating depth	3 to 5.5 in. (76 to 140 mm)		3 to 5.5 in. (76 to 140 mm)	
Max dry depth	4.5 in. (114 mm)		4.5 in. (114 mm)	
Max NH3 depth	5.5 in. (140 mm)		5.5 in. (140 mm)	
<b>HITCH AND FRAME</b>				
Hitch	6x10-in. (152x254-mm) rigid T-Hitch		6x10-in. (152x254-mm) rigid T-Hitch	
Rear hitch	Extends rearward and side to side 25,000 lbs (11,340 kg) gross vehicle weight (GVW)		Extends rearward and side to side 25,000 lbs (11,340 kg) gross vehicle weight (GVW)	
2510H frame	4x6-in. (102x152-mm) rank tubes and 6x6-in. (152x152-mm) fore/aft. tubes		4x6-in. (102x152-mm) rank tubes and 6x6-in. (152x152-mm) fore/aft. tubes	
Wing flex	17 degrees up 10 degrees down		17 degrees up 10 degrees down	
Wing wheels	12.5Lx15		12.5Lx15	
Downforce system	Active hydraulic downforce		Active hydraulic downforce	
Depth control system	Gauge wheel at opener		Gauge wheel at opener	
Tire size	380/90R46		IF380/105R50	
<b>TRACTOR COMPATABILITY</b>				
Selective control valves (SCVs) required	3-SCV opener adjustment, wing fold, and dry fan		3-SCV opener adjustment, wing fold, and dry fan	
Engine horsepower requirements	15 to 28 hp (11.2 to 20.9 kW) engine hp per row		15 to 28 hp (11.2 to 20.9 kW) engine hp per row	
Operating speed	10 mph Up to (16 km/h)		10 mph Up to (16 km/h)	
Machine weight	19,440 lb. (8,817 kg)		20,180 lbs. (9,153)	
<b>CLEARANCE</b>				
Fore-and-aft.	40 in. (101.6 cm)		40 in. (101.6 cm)	
Under frame	36 in. (91.4 cm)		36 in. (91.4 cm)	
<b>DRY TANK</b>				
System type	Non-pressurized		Non-pressurized	
Dry tank construction	Poly		Poly	
Fertilizer cleaning screens	Stainless steel		Stainless steel	
Dry tank horsepower requirements	1 to 1.5 hp (0.75 to 1.1 kW) engine hp per row Note: included in overall hp requirements		1 to 1.5 hp (0.75 to 1.1 kW) engine hp per row Note: included in overall hp requirements	
Dry tank fill height	11.4 ft. (3.5 m)		13.1 ft. (4.0 m)	
Load scale	DigiStar- GT400		DigiStar- GT400	
Capacity	12,000 lb (5,443 kg)		18,000 lb (8,165 kg)	
Dry frame	4x6-in. (102x152-mm) rank tubes		4x6-in. (102x152-mm) rank tubes	
<b>NUTRIENT DELIVERY SYSTEM</b>				
Fertilizer delivery capability	Anhydrous, dry, or both		Anhydrous, dry, or both	
Meter type	15 Output stainless steel		15 Output stainless steel	
Meter capacity NOTE: Capacities are based on fertilizer weighing 1025 kg/m <sup>3</sup> (64 lb/cu ft.)	800 lb per acre at 5 mph (896 kg per hectare at 8 km/h)		800 lb per acre at 5 mph (896 kg per hectare at 8 km/h)	
Metering	Individual row metering		Individual row metering	
Hydraulic fan requirements	19 gpm at 2500 psi (71.9 L/min. at 17,237 kPa)		19 gpm at 2500 psi (71.9 L/min. at 17,237 kPa)	
NH3 Tube	Scraper type with fertilizer tube		Scraper type with fertilizer tube	
Dry delivery tubes	Stainless-steel, 16-gauge (0.06-in., 1.5-mm), 1.25-in. OD (31.8-mm) diameter tubes		Stainless-steel, 16-gauge (0.06-in., 1.5-mm), 1.25-in. OD (31.8-mm) diameter tubes	
Dry delivery hoses	2.5-in. (64-mm) PVC urethane lined hoses		2.5-in. (64-mm) PVC urethane lined hoses	
Air diffuser	Stainless steel, 2.5-in. (64-mm) inlet and 3-in. (76-mm) air release		Stainless steel, 2.5-in. (64-mm) inlet and 3-in. (76-mm) air release	



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