

F3400 Sidedress Applicator
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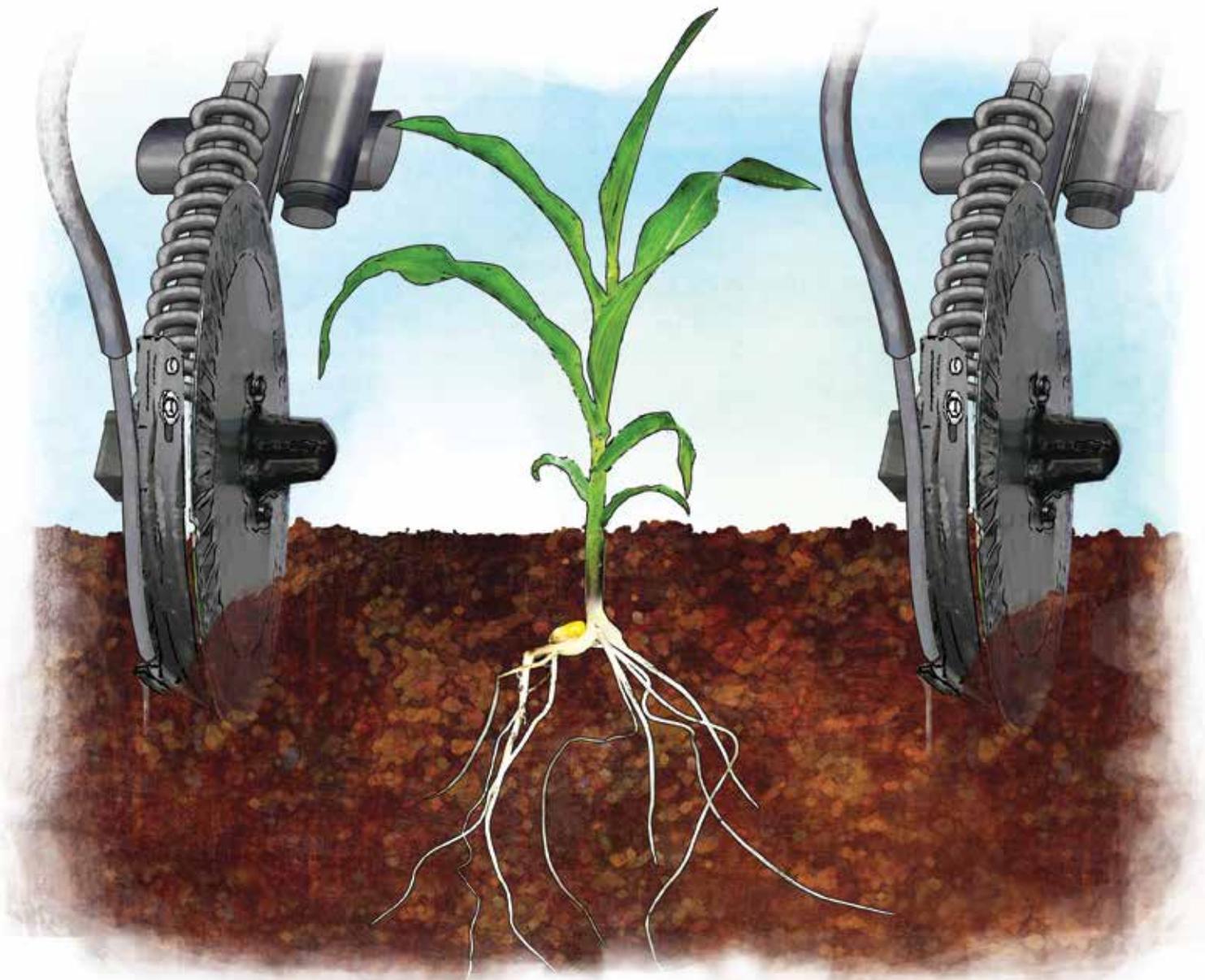
Supercharge Your Corn Crop

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WELL-TIMED ROOT ZONE PLACEMENT MEANS MORE “N” FOR HIGHER YIELDS

Nitrogen rich soil is essential for higher yields. And while nitrogen can be found organically in the soil (thanks to the breakdown of crop residue), many times the levels aren't high enough to go beyond the early stages of plant growth. Your crops are ready for more – larger doses, delivered right to the root zone where they can capture it in its most efficient form. That's where our “superchargers” come in – the Kongskilde Sidedress Applicators.

By injecting liquid fertilizer between the rows after emergence, the Kongskilde Sidedress Applicators solve two problems: 1) nitrogen being tied up in surface residue only and 2) nitrogen leaching away during heavy rains in the spring or fall. Sidedress applications also band nutrients in the root zone, ensuring your crops have enough nutrients to feed on and thrive throughout their life cycle. So if you're looking to give your crops a supercharge, Kongskilde has the toolbar sizes and other mechanical advantages to get you there.

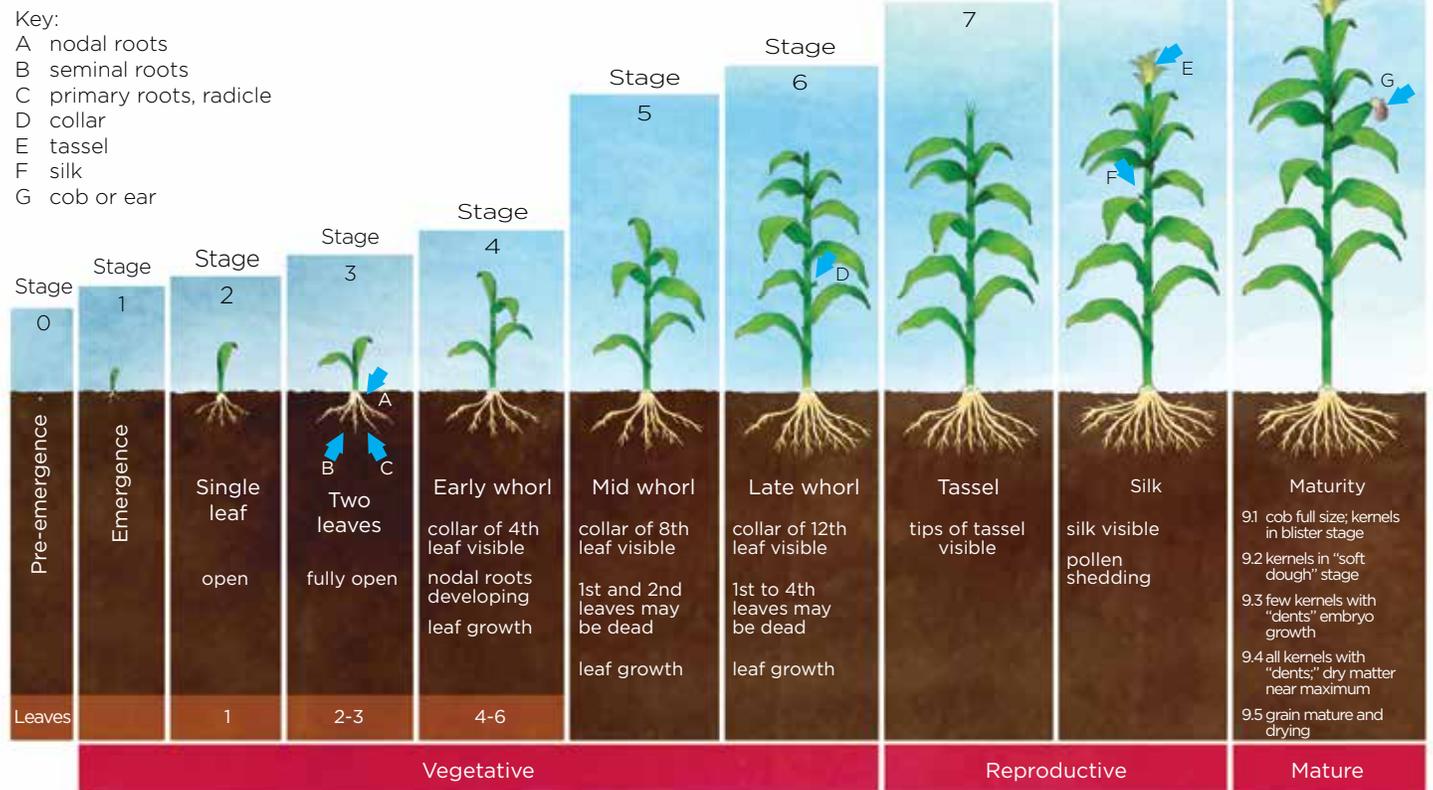


Sidedress applications supercharge your crops by placing N in the root zone – maximizing your investment and your yields.

RIGHT AMOUNT. RIGHT TIME. RIGHT SOIL.

Crops need little nitrogen during early growth stages. The largest portion of nitrogen taken up by corn occurs during V8 to VT (tasseling) development stages. Applying a sidedress application of N before the V8 development stage is best. However, research has shown that if applications are done around V6, it is very rare to see yield loss due to N stress.

Applying a sidedress application between V4 and V8 development stages is best.



Source: Department of Agriculture Technical Bulletin 976 and Honway, J.J., 1966 Special Report 48, Iowa State University

5 Reasons Sidedressing Makes Sense

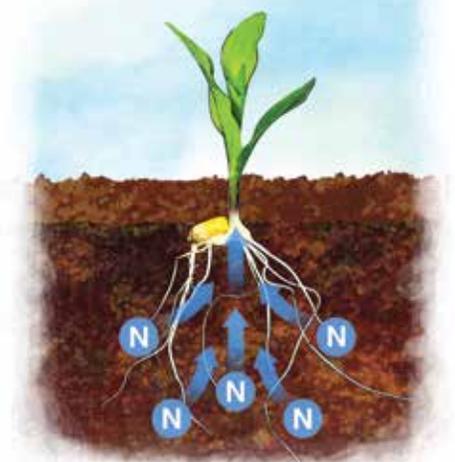
- Reduces nutrient runoff, leaching and water contamination risks.
- Puts nitrogen right in the root zone.
- Maximizes nutrient uptake.
- Bands to soil to keep nutrients where crops can use them.
- Increases yield potential and return on investment.



Liquid Coulter Knife



Liquid Coulter Injector



F3400 SIDEDRESS APPLICATOR

Compact yet powerful

The smallest of the Kongskilde Sidedress Applicators, F3400 still knows how to pack a punch. With a range of five coulter options (15' / 4.57 m) to 13 coulters (32-1/2' / 9.91 m), the F3400 can be set up with six different row spacings including 20" (50.8 cm), 22" (55.88 cm), 27" (68.58 cm), 36" (91.44 cm), 38" (96.52 cm) and 40" (101.6 cm). The F3400 also has a patented scissor lift system that allows for constant down pressure on the bar as it is pulled through the field. It operates on a pump drive with a single or double piston and is available with three different tank sizes and four different tire/wheel options. The liquid fertilizer is either injected into the soil by way of an injection or knife system.



32" (81.28 cm) Ground Clearance



Pump Drive with Single or Double Piston Pump



2" (5.08 cm) Quick-Fill



SPECIFICATIONS

Sizes	15' (4.57 m) rigid	22'6" (6.86 m)	27'6" (8.38 m)	32'6" (9.91 m)
Mainframe & Wing Tubing	7" x 7" x 3/8" (17.78 cm x 17.78 cm x 0.95 cm) square tubing			
Front Hitch	7" x 7" x 3/8" (17.78 cm x 17.78 cm x 0.95 cm) square tubing			
Transport Width	16'6" (5.03 m)	16'6" (5.03 m)	16'6" (5.03 m)	16'6" (5.03 m)
Transport Height	N/A	9'6" (2.9 m)	12'6" (3.81 m)	14'8" (4.47 m)
16.5 x 16.1 - 10-ply Mainframe Tires/Wheels	Optional			
18.4 x 26 - 10-ply Mainframe Tires/Wheels	Optional			
13.6 x 38 - 12-ply Mainframe Tires/Wheels	Optional			
14.9R x 46 - 8 Star Radial - 14-ply Tires/Wheels	Available on 1600 gal (6057 L) model only			
750 gal (2839 L) Tank	Optional			
1000 gal (3785 L) Tank	Optional			
1600 gal (6057 L) Tank	Optional			
Coulter Assembly - 1200 lbs. (544 kg) Trip Pressure	20" (50.8 cm) swivel coulter with 32" (81.28 cm) crop clearance			
Patented Midmount Design	Standard equipment			
Safety Lighting System	Standard equipment			
Combo Hitch Clevis (single/double)	Standard equipment			
Adjustable Axle	Standard equipment			
No-Drip Manifold System	Standard equipment			
2" (5.08 cm) Rear Quick-Fill	Standard equipment			
Ground Drive Pump System	John Blue Single or Double Piston Pump			
Hydraulic Pump w/ TeeJet Monitor	Optional - in lieu of ground drive pump system			
Knife Kit	Optional			
Liquid Injection Kit	Optional			
Water Rinse Tank w/ Toolbox	Standard equipment			

F3450 SIDEDRESS APPLICATOR

Go from 12 to 16 rows in minutes

Kongskilde F3450 is our chameleon... with its ability to change from a 12 to 16 row applicator in less than five minutes. If you're looking for maximum versatility, this is your choice. Like the F3400, it can be set up on 20" (50.8 cm), 22" (55.88 cm), 27" (68.58 cm), 36" (91.44 cm), 38" (96.52 cm) and 40" (101.6 cm) row spacings and is available in a 1000 gal (3785 L) or 1600 gal (6057 L) model. The 1000 gal (3785 L) tank is available with two tire sizes. The 1600 gal (6057 L) uses a 14.9R x 46 14-ply tire, which has a 12,000 lb. (5443 kg) rating – making it the heaviest unit in the industry. The coulter assembly is available with an injector or knife for applying fertilizer. Kongskilde manufactures the coulter assemblies that are used on all Kongskilde Sidedress Applicators.



Patented Lift System



12 Row



16 Row



SPECIFICATIONS

	F3450-1000	F3450-1600
Available Sizes (working width)	37'6" (11.43 m) & 42'6" (12.95 m)	
Mainframe & Wing Tubing	7" x 7" x 3/8" (17.78 cm x 17.78 cm x 0.95 cm) square tubing	
Front Hitch	7" x 7" x 3/8" (17.78 cm x 17.78 cm x 0.95 cm) square tubing	
Transport Width	16'6" (5.03 m)	
Transport Height	12'6" (3.78 m)	
14.9R x 46 - 8 Star Radial (14-ply)	N/A	Standard equipment
18.4 x 26 - 10-ply Mainframe Wheels	Optional	N/A
13.6 x 38 - 12-ply Mainframe Wheels	Optional	N/A
Standard Tank Capacity	1000 gal (3785 L)	1600 gal (6057 L)
Coulter Assembly - 1200 lbs. (544 kg) Trip Pressure	20" (50.8 cm) swivel coulter with 32" (81.28 cm) crop clearance	
12 to 16 Row Quick Change	Standard equipment	
Patented Midmount Design	Standard equipment	
Safety Lighting System	Standard equipment	
Combo Hitch Clevis (single/double)	Standard equipment	
Adjustable Axle	Standard equipment	
No-Drip Manifold System	Standard equipment	
2" (5.08 cm) Rear Quick-Fill	Standard equipment	
3" (7.62 cm) Rear Quick-Fill	Optional	
Ground Drive Pump System	John Blue Single or Double Piston Pump	
Hydraulic Pump w/ TeeJet Monitor	Optional - in lieu of ground drive pump system	
Knife Kit	Optional	
Liquid Injection Kit	Optional	
Water Rinse Tank w/ Toolbox	Standard equipment	

F3500 SIDEDRESS APPLICATOR

The narrowest 60' (18.29 m) applicator to transport on the market

If you run a 24 row planter [60' (18.29 m) based on 30" (76.2 cm) rows], this is the sidedress applicator for you. Its front-fold style bar goes down to a mere 11'10" (3.61 m) wide for transport - making it the narrowest 60' (18.29 m) applicator to move on the market. It also offers versatility. If the outer wings are left folded up, the F3500 can cover a 16 row planter. The F3500 comes standard with a 1600 gal (6057 L) tank that has a 2" (5.08 cm) quick-fill, however a 3" (7.62 cm) quick-fill is also available. The wings sport caster-style gauge wheels, making it easy to turn smoothly at the end of rows. Also standard is the F3500's hydraulic pump system with an optional TeeJet Monitor. When using the TeeJet system, two ball valves (one covers 11 coulters and the other covers 12 coulters) are standard but more can be added to lessen the number of coulters affected if the liquid needs to shut off to prevent overlapping. This applicator also uses the Kongskilde patented lift system, found on the F3400 and F3450.



Optional Quick-Fill



Narrow Transport Width



Swivel Caster Gauge Wheel



SPECIFICATIONS

Available sizes (working width)	37'6" (11.43 m) & 42'6" (12.95 m)
Mainframe & Wing Tubing	7" x 7" x 3/8" (17.78 cm x 17.78 cm x 0.95 cm) square tubing
Front Hitch	Extendable
Transport Width	11'10" (3.61 m)
Transport Height	8'6" (2.59 m)
Transport Length	37'6" (11.43 m)
Field Length	31' (9.45 m)
Mainframe Wheels	14.9R x 46 - 8 Star Radial (14-ply)
Standard Tank Capacity	1600 gal (6057 L)
Coulter Assembly - 1200 lbs. (544 kg) Trip Pressure	20" (50.8 cm) swivel coulter with 32" (81.28 cm) crop clearance
Patented Midmount Design	Standard equipment
Safety Lighting System	Standard equipment
Combo Hitch Clevis (single/double)	Standard equipment
Adjustable Axle	Standard equipment
No-Drip Manifold System	Standard equipment
2" (5.08 cm) Rear Quick-Fill	Standard equipment
3" (7.62 cm) Rear Quick-Fill	Optional
Hydraulic Pump w/ TeeJet Monitor	Optional
Knife Kit	Optional
Liquid Injection Kit	Optional
Water Rinse Tank w/ Toolbox	Standard equipment

F3600 SIDEDRESS APPLICATOR

The behemoth, working up to 90' (27.43 m)

The F3600 is the largest built by Kongsilde, with the ability to work at 60' (18.29 m), 80' (24.38 m) or 90' (27.43 m) [based on 30" (76.2 cm) rows]. And transitioning from one size to another is simple! All you need to do is leave the outer wing folded up, close the valves to the outer wing, readjust the monitor and you are sidedressing 24 rows in a matter of minutes. Transporting the unit or storing it at the end of season is also easy with its front-fold style applicator. When folded, the unit is only 9' (2.74 m) high and 16'6" (5.03 m) wide. The F3600 is available with a 2400 gal (9085 L) stainless steel tank. Also available is a hydraulic pump with a TeeJet Monitor and a four-section shut off boom.



2400 gal (9085 L) Stainless Steel Tank



32" (81.28 cm) Crop Clearance



80' (24.38 m) or 90' (27.43 m) to 60' (18.29 m) in minutes

SPECIFICATIONS

Available Sizes (working width)	60' (18.29 m), 80' (24.38 m) or 90' (27.43 m)
Mainframe & Wing Tubing	7" x 7" x 3/8" (17.78 cm x 17.78 cm x 0.95 cm) square tubing
Front Hitch	Extendable
Transport Width	16'6" (5.03 m)
Transport Height	9' (2.74 m)
Transport Length	25' (7.62 m)
Mainframe Tires/Wheels - 14.9R x 46 - 8 Star Radial (14-ply)	Standard equipment
2400 gal (9085 L) Stainless Steel Tank	Optional
Injection Coulter Assembly	20" (50.8 cm) swivel coulter with knife or nozzle injection
3-Point Hitch	Standard equipment
Safety Lighting System	Standard equipment
No-Drip Manifold System	Standard equipment
3" (7.62 cm) Rear Quick-Fill	Standard equipment
Hydraulic Pump w/ TeeJet Monitor	Optional
Knife Kit	Optional
Liquid Injection Kit	Optional
Water Rinse Tank w/ Toolbox	Standard equipment



Subject to change without notice. 101001289/KNA/GB/SIDEDRESS/BRO/0816

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