

CASE *III*

NPX5300 FERTILIZER APPLICATORS



FERTILIZER IS A SUBSTANTIAL INVESTMENT. MAKE IT COUNT.

Maximize your nutrient uptake, minimize runoff and increase the return on your fertilizer investment. The proven, root zone banding legacy of DMI is now a proud addition to the Case IH product line. Case IH Fertilizer Placement Equipment places nutrients deep in the root zone where they are more readily available to plants during the growing season.

As the industry leader in Fertilizer Placement Equipment, Case IH NPX5300 Fertilizer Applicators are available in

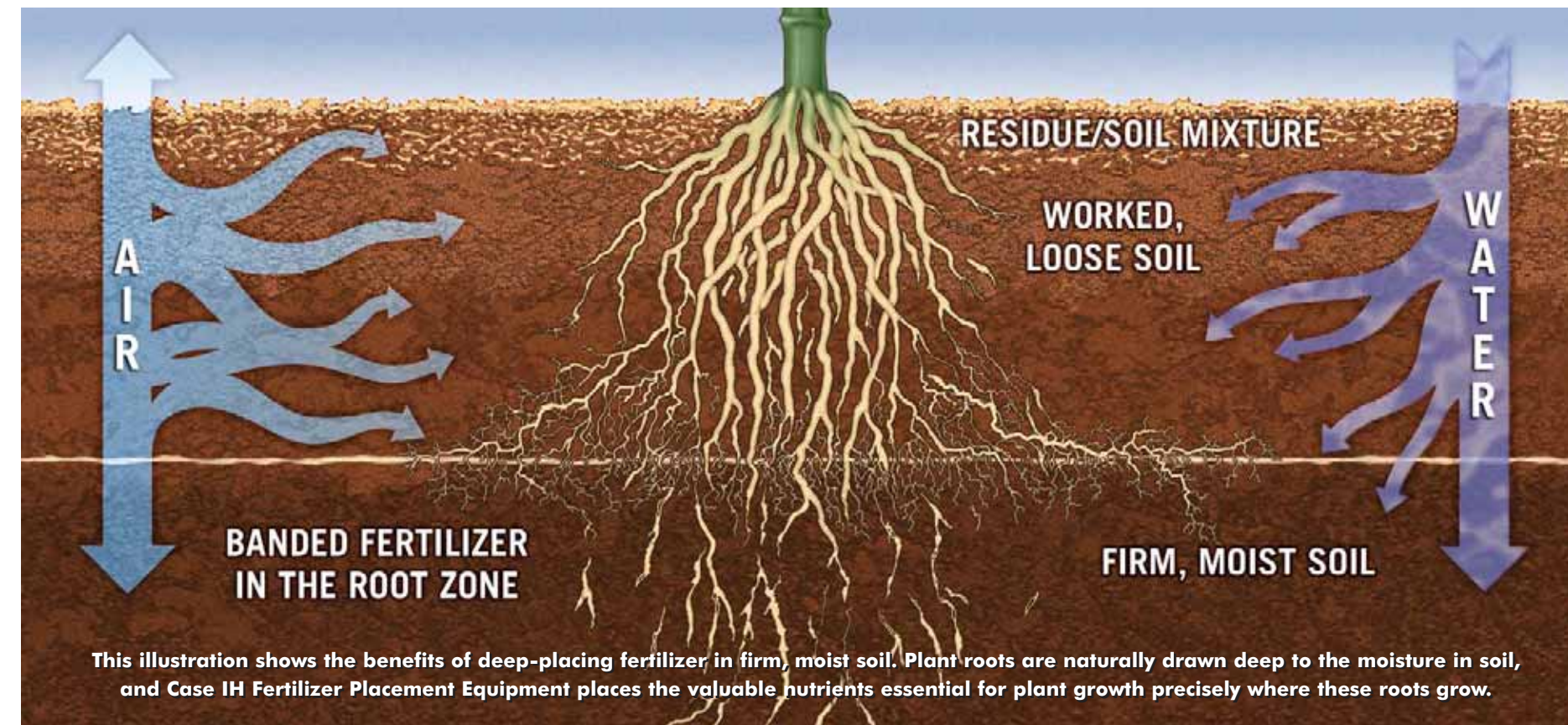
either mounted or pull-type versions for both preplant and sidedress application. These applicators have a long list of standard features that provide precision placement of nutrients and are available in a variety of shank spacings.

INCREASE YOUR PLANT FOOD AVAILABILITY

The amount of food available to plants during the growing season does not depend on the amount of nutrients present in the soil, but the nutrient amount the roots are able to take up for plant use. A root zone band application of

fertilizer is positioned in the soil profile where there is moisture available for plant uptake and is below crop residue for reduced tie-up.

Increasing plant food availability is an important step in managing the soil environment for attaining higher yields. Case IH NPX5300 Fertilizer Applicators band the nutrients in the soil, improving fertilizer utilization and reducing runoff and water contamination.



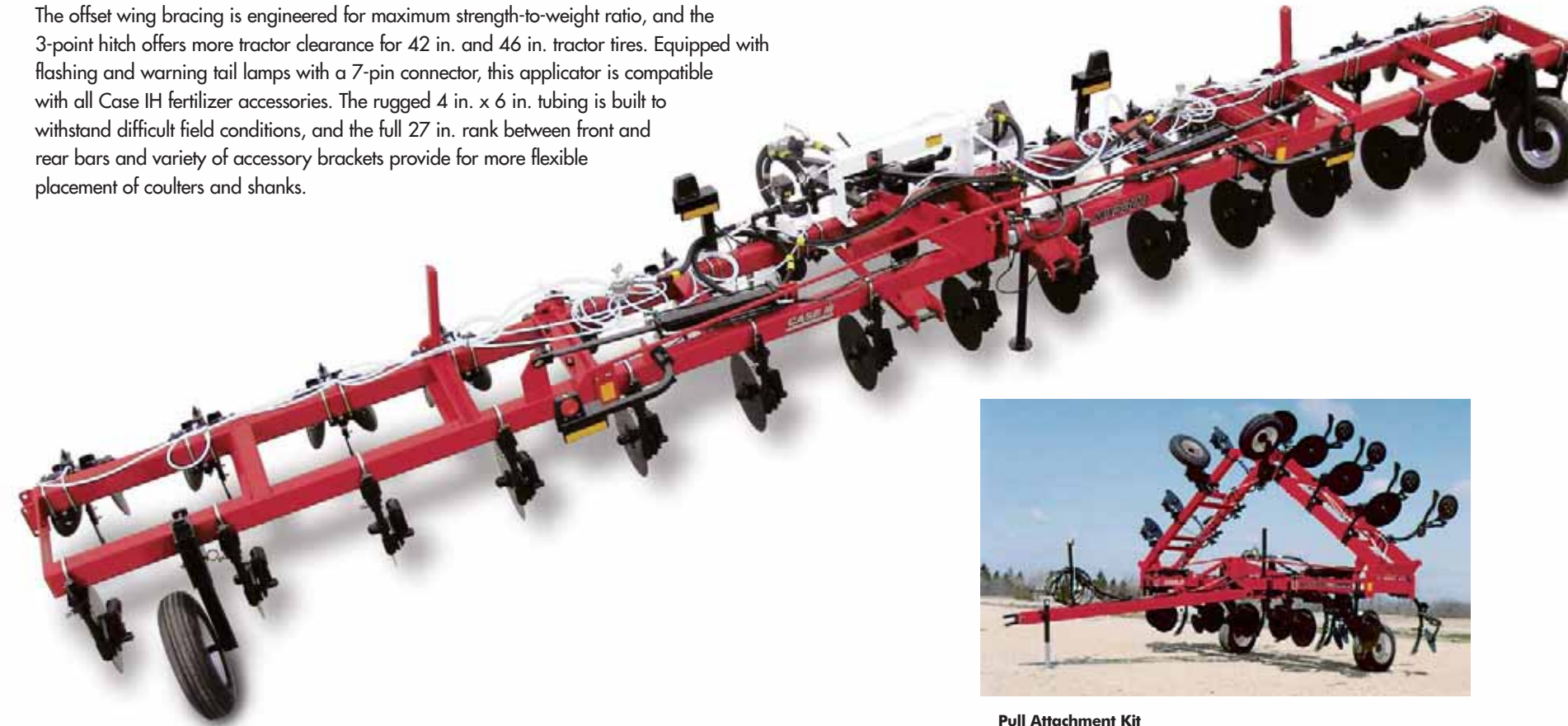
ADVANCED FERTILIZER PLACEMENT TECHNOLOGY

NPX5300 MOUNTED APPLICATORS

Durable and easy to use, the NPX5300 Mounted Applicator is an economical alternative for either preplant or sidedress application.

20 FT. – 37 FT. 6 IN. SIZES

The offset wing bracing is engineered for maximum strength-to-weight ratio, and the 3-point hitch offers more tractor clearance for 42 in. and 46 in. tractor tires. Equipped with flashing and warning tail lamps with a 7-pin connector, this applicator is compatible with all Case IH fertilizer accessories. The rugged 4 in. x 6 in. tubing is built to withstand difficult field conditions, and the full 27 in. rank between front and rear bars and variety of accessory brackets provide for more flexible placement of coulters and shanks.



Shown with NH₃ plumbing and control systems available at your Case IH Application Equipment Distributor.



Pull Attachment Kit

This kit includes all items needed to convert mounted toolbars to pull-type: 10 ft. pull frame, 11L x 15 lift wheels, and synchronized hydraulic-lift cylinders. Pull A-Frame easily pins to applicator's 3-point hitch.

NPX5300 PULL-TYPE APPLICATORS

Durable and easy to use, the NPX5300 Pull-type Applicator allows you to preplant or sidedress fertilizer, banding the nutrients in the soil to increase fertilizer utilization. The NPX5300 Pull-type applicator is available in single fold and double fold models.

SINGLE FOLD 27 FT. 6 IN. – 37 FT. 6 IN. SIZES

This mid-sized applicator is full of features offering total application flexibility and can be configured for the application of NH_3 , liquid or dry fertilizer. An optional liquid tank enables dual placement of liquid and NH_3 fertilizer. Strong diagonal bracing allows for more shank placement options, and bolt-on wing extensions are optional, with pin-adjust and hydraulic gauge wheel options. Walking tandems provide a smoother ride in rough fields, while single wheels are available for sidedressing 30 in. rows.



Case IH Wagon-Mate™, Constant-Tongue-Height Hitch
With its simple, trouble-free mechanism, the hitch protects tongues from damage, keeps the wagon tongue level when applicator is in raised or lowered position and is designed for easy viewing of the wagon hitch when backing up to nurse tanks.



PROVEN EQUIPMENT THAT THINKS DEEPER



DOUBLE FOLD **40 FT. – 52 FT. 6 IN. SIZES**

The largest Case IH Pull-type applicator available offers NH₃, dry and liquid fertilizer application capabilities for single or dual application. The Mainframe and A-frame are designed to handle the stress of today's largest tractors and toughest field conditions. The liquid tank option enables dual placement capability while the gauge wheels located in-line reduce stress during turns. Hydraulic-gauge wheels are standard on the inner wing, a pin adjust gauge wheel is also included on the outer wing of 47 ft. 6 in. and larger sizes. Replaceable hubs and spindles ease maintenance and lower repair costs.



500-gallon liquid tank optional for dual-placement capability, available on Pull-type models.



Walking Tandems

Feature tapered roller bearings in the pivot and a 60% rear / 40% front weight split to maximize performance, especially in soft soil conditions.



Case IH Safety-Swing Quic-Coupler Stand

The regulator is mounted stationary and the quic-coupler is mounted on a 180° swinging arm for constant alignment with the anhydrous nurse wagon.



The Case IH Wagon-Mate boasts the largest extending and swinging drawbar hook-up pattern in the industry.

20 IN. AND 24 IN. SPRING-LOADED SWIVEL COULTERS

The 16° taper blade self-sharpenes for a longer useable life, and slices through residue to eliminate plugging and bunching. The swivel coulters are built rugged with 1-3/4 in. diameter shafts along with heavy-duty 3 in. diameter springs for added durability. The 20 in. coulters has 3/4 in. x 3 in. steel arms, while the 24 in. coulters designed for operation in extra-heavy residue has 1 in. x 2-1/2 in. arms.



14 IN. REVERSIBLE SPRING DOUBLE DISK SEALERS

The most durable and versatile 14 in. sealer available offers two disk blade mounting options for use with a standard 1 in. x 2 in. shank or the older 1-1/4 in. coil shank. The standard position offers more aggressive sealing, while the reversed position leaves more residue on the surface while directing loose soil over the knife slot. Extra spring down pressure reduces sealer bouncing and the durable H-frame allows for numerous mounting positions and blade angles. In addition, strong 1/2 in. x 2-1/2 in. steel arms retain position in rugged field conditions, while tapered roller bearings, heat-treated bushings and grease zerks provide for a longer wear life.



18 IN. REVERSIBLE SPRING DOUBLE DISK SEALERS

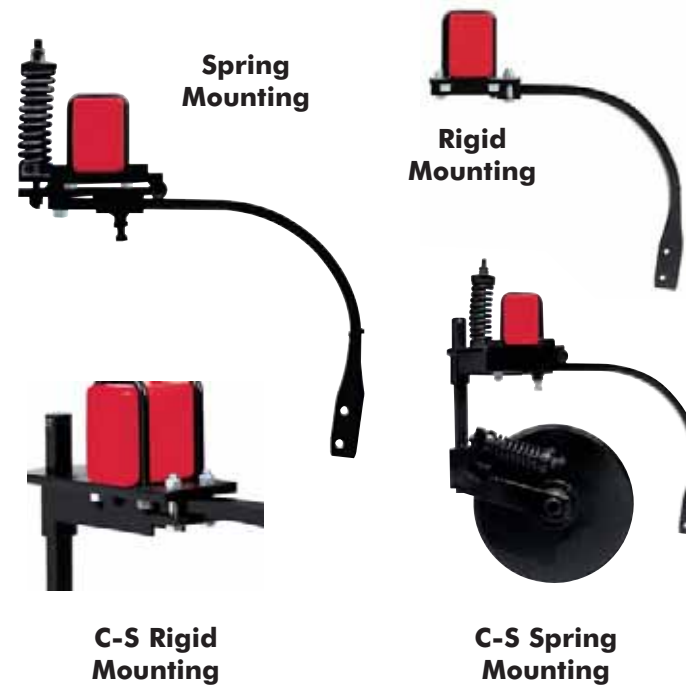
The heavy-duty version of the 14 in. sealer is built stronger to handle the larger blades with a heavy, 1 in. diameter hardened bushing pivot. The 18 in. blades are available in either notched or dull models, with optional models for 1 in. x 2 in. shanks and HCS™.



ACCESSORIES DESIGNED FOR DURABILITY

SHANK MOUNTS AND 1 IN. X 2 IN. SHANKS FOR SIDE-MOUNTING AMMONIA KNIVES

These shanks are constructed from a durable spring-steel alloy for a longer life than competitive models. The optional spring mounting has a "spring-within-a-spring" that stays in the ground better in hard soil conditions with 850 lbs. of trip force. And C-S and Spring C-S mounts include a 20 in. coulters provision for difficult mounting locations.



HCS™ (HIGH CLEARANCE SHANK) ASSEMBLY

Designed for extremely tough soil conditions, such as soil with rocks and hidden debris, the increased 7-1/2 in. trip clearance clears buried obstructions while shearing fewer knife bolts. The durable, heat-treated 1-1/4 in. x 2 in. edge-bent style shank has a 1 in. pivot pin. In addition, the shank features bolt holes for accurate and consistent sealer positioning, and the mount supports itself on the toolbar for easier installation. Heavier springs carry an increased holding force of 1,150 lbs. for more consistent nutrient placement. This shank's primary-tillage style tripping geometry with force-relieving design provides added protection for the assembly and toolbar.



HCS Assembly with NH₃ knife



HCS Assembly with NH₃ knife and double disk sealer

SPECIFICATIONS

NPX5300 MOUNTED APPLICATOR

Available Sizes	20 ft. – 37 ft. 6 in. (6.1 m – 11.4 m)
Tubing Size	4 in. x 6 in. (10 cm x 15 cm)
Double Bar Rank	27 in. (69 cm)
Transport Width	17 ft. 3 in. (5.3 m)
Mainframe Width	sizes 20 ft. – 32 ft. 6 in.: 13 ft. 8 in. (4.2 m) size 37 ft. 6 in.: 16 ft. 2 in. (4.9 m)
Gauge Wheel Tire Size	7.5 x 14 pin-adjust gauge wheels 9.5L x 15 on in-line transport
Hydraulic Wing-fold	Standard (where applicable)
Shank Spacing	various (15 in. to 40 in.) (38 cm to 102 cm)
Flashing & Warning Lights	Standard
Wing-fold	145°

NPX5300 PULL-TYPE APPLICATOR

Working Widths	27 ft. 6 in. – 37 ft. 6 in. (8.4 m – 11.4 m)	40 ft. – 52 ft. 6 in. (12.2 m – 16 m)
Wings	Single Fold	Double Fold
Mainframe & Wing Tubing	4 in. x 6 in. (10 cm x 15 cm)	4 in. x 6 in. (10 cm x 15 cm)
A-frame Tubing	4 in. x 8 in. (10 cm x 20 cm)	4 in. x 8 in. (10 cm x 20 cm)
Transport Dimensions*	16 ft. 6 in. width x 13 ft. 6 in. height (max) (5.0 m width x 4.1 m height (max))	18 ft. 6 in. width x 13 ft. 6 in. height (max) (5.6 m width x 4.1 m height (max))
Mainframe Widths	15 ft. (4.6 m)	15 ft. (4.6 m)
Mainframe Wheels	Single: 12.5L x 15 Tandem: 11L x 15	12.5L x 15 (12-PR) 11L x 15 (8-PR) standard, 12.5L x 15 (12-PR) HD
Gauge Wheels	Pin-Adjust: 8.5L x 14 Hydraulic: 9.5L x 15	not available Single 11L x 15, Tandem 9.5L x 15
Rear Hitch	wagon-mate™	wagon-mate
Mounted Liquid Tank	Optional 500 gal. (1893 L)	Optional 500 gal. (1893 L)
Combo Single & Double Clevis	Standard	Standard
Synchronized Hydraulic Lift System (3000# PSI)	Standard	Standard
Flashing & Warning Tail Lamps	Standard	Standard

* On-row configuration may be slightly wider in transport.

SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

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This literature has been published for worldwide circulation. Availability of some models and equipment builds varies according to the country in which the equipment is used.

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A GLOBAL LEADER IN AGRICULTURAL AND CONSTRUCTION EQUIPMENT AND FINANCIAL SERVICES.

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