



HIGH-EFFICIENCY APPLICATION

PORTFOLIO BROCHURE







HIGH-EFFICIENCY APPLICATION.

A comprehensive lineup of high-efficiency application solutions for every season, every condition, every challenge.

From ground-engaging pull-type models to self-propelled applicators, Case IH offers a full line of equipment solutions that help feed, nurture and protect crops — through every season. Add to that our expansive distributor network, timely access to parts, responsive and knowledgeable support, and an unparalleled commitment to service. It's why Case IH is the preferred choice for professional and custom applicators.

STEWADING OUR RESOURCES.

Case IH is a proud partner of the **4R Nutrient Stewardship** initiative. The 4Rs promote best management practices (BMPs) to help minimize nutrient loss and maximize crop uptake. The 4Rs include:

- The right source
- At the right rate
- At the right time
- In the right place



High-Efficiency Application	2-3
Trident™ 5550 Series Combination Applicators	4-7
Patriot® Series Sprayers	8-11
Miller Nitro® Series Sprayers	12-15
Titan™ Series Floaters and Applicators	16-19
Nutri-Placer® Fertilizer Applicators	20-23
Nutri-Tiller Strip-Till Applicators	24-27
Precision Application Technology	28-29
Power and Productivity	30-31

TRIDENT™ LIQUID/DRY COMBINATION APPLICATOR

Quick Conversion from Liquid to Dry and Back Again

TRIDENT 5550 LIQUID SYSTEM
8.7L 390 HP ENGINE | TIER 4 B/FINAL



TRIDENT 5550 DRY SYSTEM WITH NEW LEADER NL4500T G4 EDGE
8.7L 390 HP ENGINE | TIER 4 B/FINAL



AIM Command
FLEX

53 INCHES OF GROUND CLEARANCE



FACTORY INTEGRATED DUALS



ONE CHASSIS, THREE SEASONS.

A single chassis with quick changeover times between liquid and dry applications helps you cover more acres at the right time. It's the industry's fastest-converting liquid/dry combination applicator on a high-clearance, row crop chassis.

A COMBINATION APPLICATOR BY DESIGN, NOT BY ADAPTATION.

Whether you're making liquid or dry applications, you can rely on the Trident 5550 combination applicator for:

- Tank and bin capacities that maximize on-row efficiency, so you cover more acres
- A durable chassis to carry every load
- Industry-leading 390-horsepower on a high-clearance row crop applicator with patented Tier 4 B/Final SCR-only technology
- The latest in precision-application technology
- A comfortable operator environment

New Leader NL4500T G4 Edge	Bin 1	Bin 2	Bin 3	Bin 4	Total Capacity
Single bin:	330 cu. ft.				330 cu. ft.
5-foot MultiApplier	190 cu. ft.	115 cu. ft.			305 cu. ft.
7-foot MultiApplier	131 cu. ft.	161 cu. ft.			292 cu. ft.
3-Bin MultiBin System	131 cu. ft.	143 cu. ft.	44 cu. ft.		318 cu. ft.
4-Bin MultiBin System	131 cu. ft.	143 cu. ft.	23 cu. ft.	21 cu. ft.	318 cu. ft.

Trident 5550 Liquid System	
Solution Tank Size	1,400 gal stainless steel
Boom Length Options	60/90 ft. (18.3/27.4 m), 60/100 ft. (18.3/30.5 m) or 60/90/120 ft. (18.3/27.4/36.5 m) self-centering



■ PRECISION SPINNER TECHNOLOGY



■ HIGH-CAPACITY PRODUCTIVITY



■ EXCLUSIVE LOAD-COMPENSATED SUSPENSION



■ IN-CAB 1/2 INCH AXLE ADJUSTMENTS





42 MINUTES*

Industry leading 42 minute changeover time. See the video at caseih.com/fast



For more information, see Trident brochure or visit www.caseih.com/AE_Trident

*Changeover achieved in 42 minutes by three people using a telehandler and the Case IH Aerial Lift Device outdoors.

PATRIOT® SERIES SPRAYERS

4 Models | Tank Capacities from 660 – 1,200 Gallons

PATRIOT 4440

8.7L 335 HP ENGINE | TIER 4 B/FINAL | 1,200 GALLON STAINLESS STEEL TANK



PATRIOT 3340

6.7L 285 HP ENGINE | TIER 4 B/FINAL | 1,000 GALLON STAINLESS STEEL TANK



PATRIOT 3240

6.7L 250 HP ENGINE | TIER 4 B/FINAL | 800 GALLON STAINLESS STEEL OR POLY TANK



PATRIOT 2250

6.7L 175 HP ENGINE | TIER 4 B/FINAL | 660 GALLON POLY TANK



MAKE THE MOST OF EVERY PLANT'S POTENTIAL.

Patriot series sprayers provide consistent and accurate application across every field, any season. The cab-forward, rear-engine design evenly distributes weight across the machine. This balanced footprint gets you into fields earlier for more timely application with less soil compaction.

COMFORTABLE OPERATORS ARE MORE PRODUCTIVE OPERATORS.

The ergonomic design of the Patriot sprayer cab features line-of-sight instrumentation, placing all controls within comfortable reach. Air-ride seats are adjustable for position, ride firmness and lumbar support. Pressurized cabs keep the inside air fresh while sunshades keep you cool and comfortable.

ADVANCED BOOM CHOICES FOR ANY APPLICATION.

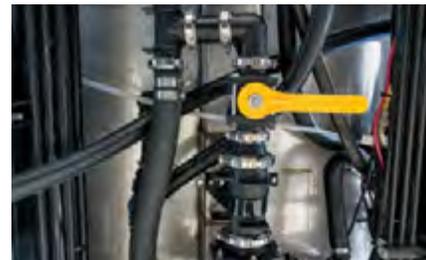
Case IH offers choices of boom widths and options to fit any application — each one built with the rugged and durable parallel-link design.

Patriot Sprayer Boom Widths

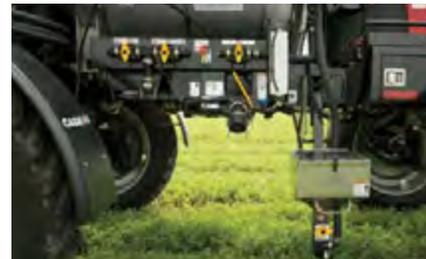
Model	2250	3240	3340	4440
60/80 FT.	✓			
60/90 FT.	✓	✓	✓	✓
60/100 FT.		✓	✓	✓
60/90/120 FT.			✓	✓



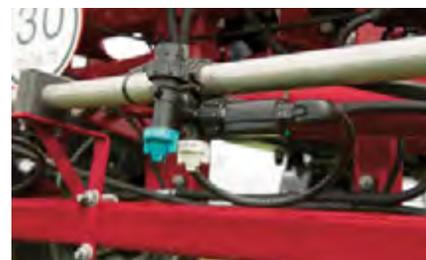
■ AIM COMMAND FLEX



■ DESIGNED FOR EASY ACCESS



■ EASY-ACCESS EDUCTOR



■ WILGER COMBO-RATE® NOZZLE BODIES





■ WIDE RANGE OF PRECISION OPTIONS



■ HEAVY-DUTY BOOM CONSTRUCTION



■ SUPERIOR SUSPENSION



For more information, see Patriot brochure or visit
www.caseih.com/AE_Patriot

MILLER® NITRO SERIES SPRAYERS

3 Models | Tank Capacity from 1,000–1,600 Gallons

MILLER 7410

8.7L 382 HP ENGINE | TIER 4 B/FINAL | 1,200, 1,400 OR 1,600 GALLON TANK OPTIONS



MILLER 7370

8.7L 328 HP ENGINE | TIER 4 B/FINAL | 1,200, 1,400 OR 1,600 GALLON TANK OPTIONS



MILLER 7310

6.7L 285 HP ENGINE | TIER 4 B/FINAL | 1,000 OR 1,200 GALLON TANK OPTIONS



MILLER NITRO HIGH-CLEARANCE SPRAYERS.

The award-winning Miller Nitro high-clearance sprayers are the most productive and robust front-boom sprayers on the market today. Engineered with Miller's IntelliSpray and Spray-Air® boom technology options, available injection toolbars and NutraBoss® nitrogen applicators, Miller sprayers offer the most complete lineup of precision application equipment solutions and technologies available in the high-clearance sprayer market.

50/50 WEIGHT DISTRIBUTION MAXIMIZES APPLICATION EFFICIENCY.

A Miller engineering innovation, keeping with the 50/50 weight distribution and maximizing power to the ground, the center tank design and direct drive system contribute to machine balance and hydrostatic propulsion system efficiency.

Model	7310	7370	7410
Engine HP	285 hp, Tier 4 B/Final	328 hp, Tier 4 B/Final	382 hp, Tier 4 B/Final
Tank Capacity	1,000 or 1,200 gal. Stainless steel only	1,200, 1,400 or 1,600 gal. Stainless steel only	1,200, 1,400 or 1,600 gal. Stainless steel only
Boom Length	MonoBeam Boom - 90/60, 100/60, 120/70 Truss Boom - 120/73, 132/73, 135/73	MonoBeam Boom - 90/60, 100/60, 120/70 Truss Boom - 120/73, 132/73, 135/73	MonoBeam Boom - 90/60, 100/60, 120/70 Truss Boom - 120/73, 132/73, 135/73



■ BOOM WIDTH UP TO 135 FT.



■ UP TO 78 INCHES CROP CLEARANCE



■ EASY SERVICE AND MAINTENANCE



■ FOUR-WHEEL STEER OPTION





■ QUIET, SPACIOUS AND COMFORTABLE CAB DESIGN



■ HYDRALINK™ SUSPENSION



Miller Nitro Series sprayers are available through select Case IH distributors and dealers. For more information, see Miller brochure or visit www.caseih.com/AE_Miller

TITAN™ SERIES FLOATERS

4 Models | 3 or 4 Wheel Configurations | Liquid or Dry Applications



TITAN 4540

8.7L 410 HP ENGINE | TIER 4 B/FINAL



TITAN 4040

8.7L 340 HP ENGINE | TIER 4 B/FINAL



TITAN 3540

8.7L 410 HP ENGINE | TIER 4 B/FINAL



TITAN 3040

8.7L 340 HP ENGINE | TIER 4 B/FINAL



BUILT FOR THE BIG JOBS.

Case IH Titan 40 series floaters are built to handle the tough demands of changing terrain. Whether applying liquids, granular materials or both, they deliver rugged durability with added power for challenging conditions. These highly efficient and versatile floaters reflect the superior Case IH engineering and precision technology and are specifically designed for preplant and postharvest fertilizer. Titan series floaters get the job done — quickly, efficiently, precisely.

EFFICIENT POWER AND RUGGED DESIGN ENHANCE PRODUCTIVITY.

Built to get more out of every day and pack more productive days into every season, Titan floaters are ready to help you make the most of your windows of opportunity.

- Patented Tier 4 B/Final SCR-only technology generates more power with less fuel
- Fine-tuned power curves adjust to the application system installed
- Optional auxiliary transmission doubles available speed ranges
- Rugged, durable chassis frame with doubler plates in key areas for long service life
- Open architecture design optimizes air flow through engine cooling package
- Spacious cab for superior operator comfort and optimum visibility
- Easy access to routine service and maintenance points

Applicator Model	810 FLEX-AIR™ APPLICATOR	610 LIQUID SYSTEM
Capacity	<p>Single bin: 287 cu. ft.</p> <p>Double bin: 287+50 cu. ft. without supplemental augers; 171+175 cu. ft. with supplemental augers</p> <p>Triple bin: 171+125+50 cu. ft. with supplemental augers</p>	<p>Tank: 1,800 or 2,000 gal.</p> <p>Boom length options: 70 ft. and 60/85-ft.</p>



610 LIQUID SYSTEM

- 70- or 60/85-foot boom widths
- Boom plumbing options and features to fit any operation
- 1,800- or 2,000-gallon tank capacity



810 FLEX-AIR APPLICATOR

- Up to three dry and one liquid product application
- Variable rate application of each product capability
- Midship-mounted booms for better application



SURVEYOR™ CAB

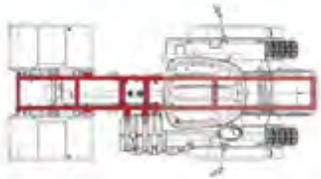
- Excellent field of view



■ 3-WHEEL DESIGN



■ BOOMS BUILT FOR LONG-TERM DEPENDABILITY



■ 4-WHEEL DESIGN



■ AVAILABLE SPINNER SPREADER APPLICATORS
(DISTRIBUTOR INSTALLED)

For more information, see Titan brochure or visit www.caseih.com/AE_Titan

NUTRI-PLACER® PULL-TYPE FERTILIZER

5 Models for NH₃ and Liquid Side Dress Applications | Working Widths From 17.5–65 Feet



NUTRI-PLACER 940

50', 60', 65' WORKING WIDTH | 15" OR 30" | 300–650 HP





NUTRI-PLACER 930

27.5'–47.5' WORKING WIDTH | 20" (SHANK)
AND 30" (SHANK AND HSLD) | 165–475 HP



NUTRI-PLACER 920

60' WORKING WIDTH | 30" | 200 HP OR HIGHER



NUTRI-PLACER 5300

22.5'–37.5' WORKING WIDTH | SHANK SPACING 15"–40"



NUTRI-PLACER 2800

17.5'–37.5' WORKING WIDTH | 30", 36", 38" AND 40" | 140 HP OR HIGHER



HIGH-EFFICIENCY FERTILIZER TOOLBARS FOR ALL SEASONS.

Nutri-Placer pull-type fertilizer applicators are designed to improve the productivity and precision of fertilizer applications at every pass. The engineering and design of this innovative family of pull-type fertilizer applicators deliver precise and efficient placement. With durability, flexibility and reliability in a variety of field conditions, Nutri-Placer applicator solutions fit nearly any soil type and terrain.



■ NUTRI-PLACER 930/940.

Designed for high-speed, minimal soil disturbance and precise nutrient management, the rugged toolbar can be tailored specifically to your operation. Choose from three row units and 15-, 20- and 30-inch spacing options. Choose from several different shank options in 15-, 20- and 30-inch spacing or the High Speed Low Disturbance (HSLD) row unit in 30-in spacing.



■ SHANK-STYLE OPTION.

Choose from three shank styles: Rigid Mount, HD Spring Shank or High-clearance Shank™ — for various field conditions.



■ HIGH-SPEED LOW DISTURBANCE COULTER OPTION (HSLD).

Capable of covering more than 900 acres in a 12-hour day with speeds up to 11 mph.



■ NUTRI-PLACER 5300.

- The Nutri-Placer 5300 mounted or pull-type applicator versions can be used for both preplant and sidedress application, to band nutrients in the soil root zone for optimum fertilizer utilization.
- The rugged 4 in. x 6 in. tubing is built to withstand difficult field conditions
- Full 27 in. rank between front and rear bars and variety of accessory brackets provide for more flexible placement of coulters and shanks.



■ LIQUID SIDE DRESS FERTILIZER APPLICATORS.

The Nutri-Placer 920/2800 pull-type applicators are commercial-grade and designed to increase nutrient uptake by applying nitrogen directly in the root zone.

- Heavy-duty coulters design for precise nutrient placement.
- Working width ranging from 17.5 to 60 feet.



■ NUTRI-PLACER 920.

- The Nutri-Placer 920 comes in either 1,650 or 2,050 gallon capacity configurations for more time in the field.
- The active hydraulic system provides hydraulic pressure to the wing fold cylinders to increase the penetrating ability of the coulters and to maintain uniform depth and accurate fertilizer placement over a wide range of field conditions.



■ NUTRI-PLACER 2800.

- The Nutri-Placer 2800 is available in 17.5 or 37.5 ft. widths and three tank sizes. It features adjustable or fixed axles and your choice of either a ground driven piston pump or a hydraulic pump.

For more information, see Nutri-Placer brochure or visit www.caseih.com/AE_Nutri-Placer

NUTRI-TILLER FERTILIZER APPLICATORS

2 Models | Working Widths From 15–60 Feet

NUTRI-TILLER 955

20'–60' WORKING WIDTH | 8, 12, 16, 24 ROWS — 30" ROW SPACING | 150–400 HP



NUTRI-TILLER 5310

15'–20' WORKING WIDTH | 6, 8 ROWS —
30" ROW SPACING | 150–200 HP



NUTRI-TILLER FERTILIZER APPLICATOR — RETHINK STRIP-TILL.

The Nutri-Tiller lineup manages crop residue, enhances soil tilth and improves fertilizer placement for maximum nutrient efficiency. The Nutri-Tiller 955 and 5310 are your one-pass seedbed solutions to effectively manage time, resources and inputs for improved productivity and greater return on investment.

NUTRI-TILLER STRIP-TILL APPLICATORS.

Designed to manage crop residue, enhance soil tilth and improve fertilizer placement for maximum nutrient efficiency.

- Creates ideal berm height and shape
- 24-inch coulters slice through tough residue
- Deep band fertilizer with Precision Air™ 5 series air cart

Nutri-Tiller 955 Frame Options

Working Width	Row Spacing	Frame Fold
20 ft. (6.1 m)	30 in. (762 mm)	Single
30 ft. (9.1 m)		Single
40 ft. (12.2 m)		Double
60 ft. (18.3 m)		Triple



■ A ROW UNIT BUILT FOR YOUR SUCCESS



■ AGRONOMICALLY DESIGNED





■ 24 IN. COULTER



■ BERM BUILD'R™



■ BERM CONDITION'R CRUMBLER



For more information, see Nutri-Tiller brochure or visit
www.caseih.com/AE_Nutri-Tiller

PRECISION TECHNOLOGY — DELIVERING THE MOST HIGHLY EFFICIENT APPLICATION POSSIBLE.

Technology, specifically the development of equipment, mapping, software and guidance systems that allow producers and commercial applicators to achieve greater application precision, is changing the world of production agriculture. To that end, Case IH offers its exclusive AFS technology, designed to increase productivity and efficiency year-round. AFS is an integrated precision agriculture solution that gives you more control — right from the seat of the cab. When you tap into Case IH AFS, you will be utilizing the latest, most-advanced precision technology available. Here are a few of the main components and features:



AIM COMMAND FLEX ADVANCED SPRAY TECHNOLOGY.

This innovative application technology controls product flow and pressure more precisely than conventional rate controllers by operating 36 separate virtual boom sections — resulting in the ultimate application experience and more efficient use of time and resources.



ACCUBOOM AUTOMATIC BOOM SECTION CONTROL AND AUTOBOOM AUTOMATIC BOOM HEIGHT CONTROL.

AccuBoom automatically turns off boom sections when the sprayer enters an area that has already been sprayed, while AutoBoom detects changes in terrain and adjusts boom height accordingly.



ACCUGUIDE AUTOGUIDANCE.

Achieve year-to-year repeatable accuracy from sub-inch levels and beyond. AccuGuide helps reduce skips and overlaps, and simplifies operation while saving on fuel and labor costs, and fertilizer and chemical inputs.



AIM ACCUPLACER™.

Quickly and easily converts the Patriot series sprayers or Trident 5550 Liquid System into an efficient side-dressing machine — and just as easily back into a sprayer — to help maximize productivity and your equipment ROI. AIM AccuPlacer delivers a constant, consistent stream of nitrogen when and where growing crops need it.

ACCURATE MAPPING.

The as-applied map feature records exactly what is being applied during application and generates a map for your records and future analysis.

DATA MANAGEMENT SOFTWARE.

A single software suite helps maximize the value of AFS technology by allowing you to view, edit, manage, analyze and utilize precision farming data. Regardless of the data source, AFS software can easily import and manage the data.

CASE IH FPT FUEL EFFICIENT ENGINES — HIGH PERFORMANCE AND HIGH EFFICIENCY.

The engines in application equipment solutions from Case IH are built by sister company FPT Industrial. These Tier 4 B/Final engines — featuring common rail fuel systems and a patented Case IH FPT SCR-only emissions system — offer power, performance and fuel economy with no active exhaust cleaning required. They also deliver more low-end torque to allow the engine to lug down and recover more quickly.

SCR-ONLY ENGINES: CLEAN AND SIMPLE.

Since the first phase of Tier 4 emissions regulations went into effect, Case IH has been committed to a solution based in SCR. The patented SCR-only emissions system works outside engines and allows them to run at their best, without modification or compromise. It also helps save fuel and increase power. Engines last longer with less routine maintenance. SCR-only emissions systems ultimately provide more power, performance and productivity.



6.7L FPT engine



8.7L FPT engine

MAINTENANCE MADE EASY — MORE TIME TO SPRAY, EVERY DAY.

Time spent on maintenance is time spent away from the field. Case IH engineering recognizes the importance of completing routine maintenance tasks quickly, thoroughly and painlessly. To that end, Case IH applicators feature a one-stop service center that lets you perform all tendering functions from a single location.



EASE OF SERVICEABILITY.

An open architecture design allows easy access to components under the sprayer frame while ladders, walkways and platforms make it easy to access service points higher up. Lightweight easy-open hoods on Case IH application equipment products give you unrestricted access to service items and allow for quicker checks.

Case IH sprayers, floaters and combination applicators are designed with productivity and efficiency in mind, allowing you to get maintenance out of the way quickly to get you back in the field as soon as possible.





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. CNH Industrial America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

©2018 CNH Industrial America LLC. All rights reserved. Case IH is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Any trademarks referred to herein, in association with goods and/or services of companies other than CNH Industrial America LLC, are the property of those respective companies. Printed in U.S.A. www.caseih.com CIH18071802