

WHEN PRECISION MATTERS...

WWW.AGXCEL.COM



Go beyond expectations with AgXcel!

SEAMLESS INTEGRATION INTO

- Green Star
- Ag Leader
- Trimble
- Case IH
- Raven
- Micro-Trak
- Manual Rate Controller



Trimble Controller



Integra Controller



GS2/GS3 Controller

877.218.1981

CALL US TODAY!



GX12i
Chemical
Injection
System



GX7 Row Monitoring
Solution



NEW
ISO VERSION



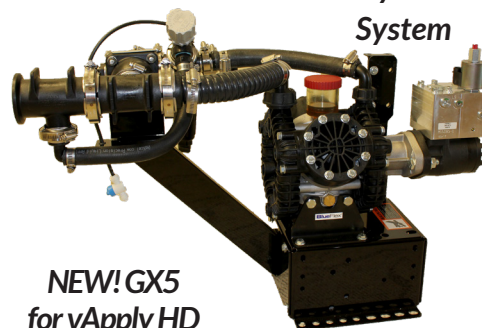
GX2
Electric
System

GX30iVRT

Variable Rate Technology



**GX5
Hydraulic
System**



NEW! GX5
for vApply HD

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info@agxcel.com

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Find us on YouTube for all of our
Precision Liquid Fertilizer System videos

SEE IT IN ACTION!

Search AgXcel



Precision Liquid Fertilizer Systems



VISION

AgXcel's vision is to be a world class designer and manufacturer of precise, practical and flexible systems for fertilizer application of liquid products to enhance soil health and agricultural productivity around the world.

AgXcel strives for excellence in every aspect and this is reflected in the commitment to quality that underpins all of their business processes.

VALUES

Innovation - We pride ourselves on quickly recognizing and developing new product opportunities.

Research - We support research by scientific organizations, grower groups, liquid product manufacturers and OEMs by providing advice, equipment and use of our liquid applicator test facility

Quality Design - We strive to design products that are durable and reliable, integrate well across our product range and with leading brands of precision ag systems, are adaptable to a broad range of implements and perform the job of liquid application with precision and accuracy.

Quality Manufacturing & Delivery - We ensure that all products shipped are in good working order through stringent quality control checks and testing.

Service & Support - We aim to deliver the service and technical support to our dealers and customers that is the best in the industry through sales support, comprehensive manuals, availability of parts and phone support.

AgXcel, the LEADER in Innovative Precision Liquid Fertilizer Systems and placement tools has over 35 years of experience built into our solutions and we are confident we have a solution that meets your season needs. AgXcel specializes in the design, manufacture and distribution of unique precision liquid fertilizer systems and components to place liquid in furrow, 2 x 2, side band, strip-till, dual application and cultivation needs just to name a few. Whether it is pop-up starter, inoculants, fungicides, 28%, 32% or other fluid products at seeding time we have designed a solution to fit your needs.

Our extensive line of GX systems are designed to fit any producer's needs, and we are continually seeking ways to improve our product line by working with local farmers, ensuring we are meeting their needs. That is why our products are American Made, Farmer Tested and Approved. We are passionate about helping farmers succeed now and long into the future. Our GX systems are workable solutions backed by a knowledgeable staff. Our team of technical support specialist are here to help you.

The AgXcel Team



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Kearney, NE 68847
info@agxcel.com

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360 Dash

Fertilizer Application System

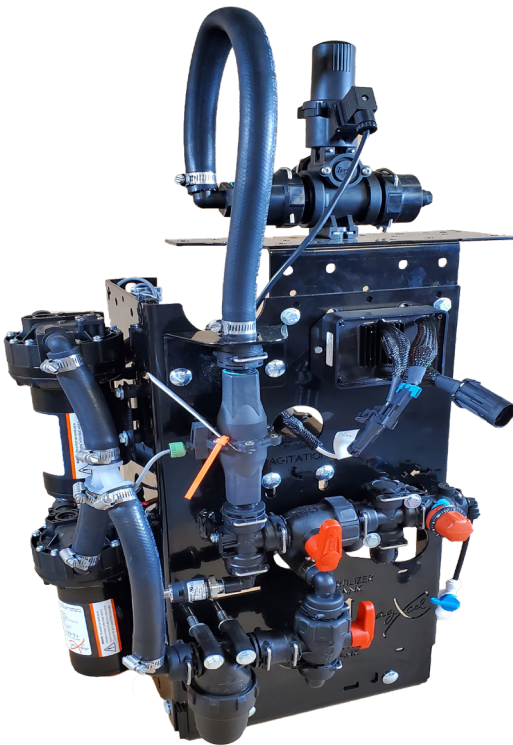
ROBUST * RELIABLE * SIMPLE

Introducing...

AgXcel & 360 Yield Center have partnered together to provide an optimized fertilizer pump system for the 360 DASH in-furrow fertilizer system.

Custom made specifically for 360 DASH, several components have been added to make applying starter fertilizer as simple and as trouble free as possible. These components include...

- Pressure Transducers on both the inlet and outlet of the pump.
- A Master Ball Valve to hold pressure.
- A 50PSI Pressure Regulator to ensure you never build too much pressure.
- Two Positive Displacement Diaphragm Pumps to ensure consistent application at the rows.
- A Turbine Flow Meter to accurately dispense and adjust rate as needed.
- Two filters to prevent plugging the pumps.
- AgXcel's Custom PWM to lock in on all desired rates.



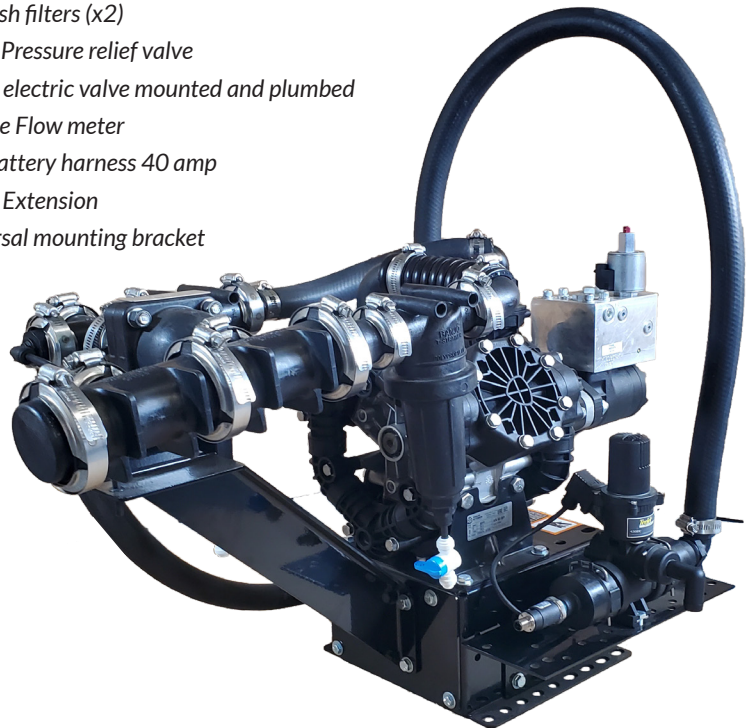
The customized Dash unit built to Yield 360 center requirements and included in each kit is:

- GX2C Dual Electric or GX5 Hydraulic Unit
- Pressure Transducer kit (x2)
- 50 mesh filters (x2)
- 50 psi Pressure relief valve
- 2-way electric valve mounted and plumbed
- Turbine Flow meter
- 20ft battery harness 40 amp
- Power Extension
- Universal mounting bracket



Features:

- Both Electric & Hydraulic Diaphragm Pumps available
- Easily controlled through the 360 Yield Center Dash App
- Backed by AgXcel's Customer Support Team



AGXCEL FERTILIZER APPLICATION

ROBUST * RELIABLE * SIMPLE

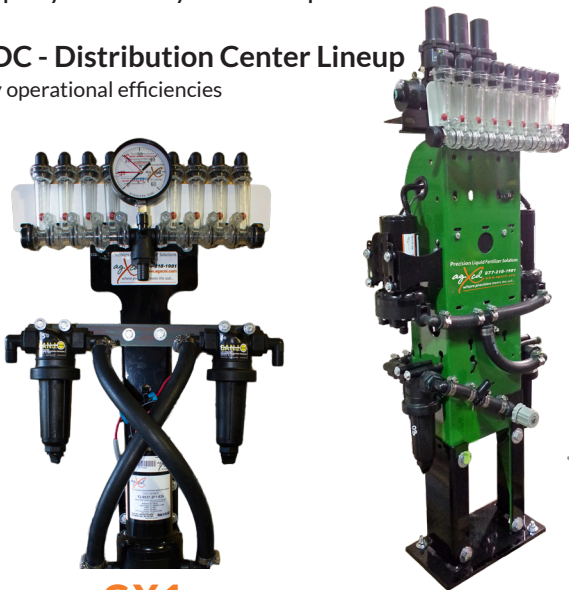
Need a Fertilizer Application Solution that has been field tested and works?

AgXcel's Fertilizer Application Systems have it all.

Looking for a solution that works for YOUR farming and implement conditions? Let us customize a solution that fits your needs. Whether you need a simple, manual rate solution or a more sophisticated auto rate version, we can build a system that will fit your requirements and budget. Our customized, AgXcel Fertilizer Application Systems (AgX FAS) have everything you need to get up and running. Completely customized from a company that has years of experience.

AgX DC - Distribution Center Lineup

simplify operational efficiencies



GX1



GX2



GX3

AgX FAS Features & Benefits Include:

- Complete Planter & Drill Application Systems for all OEM's
- Compatible with:
John Deere GS2, Ag Leader, Trimble, Raven, Micro-Trak & more
- 2x2 Solutions for High-Volume Nitrogen
- In-Furrow Starter
Rebounders, Optional Fittings, or Stainless tubes
- Hassle Free Assembly
Pre-built so you can bolt on and go
- Customized to YOUR needs

AgX DC "Distribution Center" Features:

- Clean, sleek and efficient....tried and tested
- Shipped pre-assembled to YOUR specs.
- Easy Installation and seamless management
- Single or Dual Pump Configurations
- Large 4" Gauge for proper pressure management
- Filter(s), 50 or 80 Mesh Screen
- Custom built weather packed harnesses
- Withstands even the most demanding conditions

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GX1 System with Man-X controller The perfect starter kit!

AgXcel's Man-X manual rate controller system is a simple yet complete fertilizer application system and has been a customer favorite for many years. This unique kit has all the components required to get you up and running fast with a simple fertilizer pop-up kit. Over the years many producers who are new to in-furrow application have started out with this kit as a means to familiarize themselves with the practice of starter fertilizer. A very cost effective kit that allows for future enhancement and as a starting point to get into Auto Rate Control and Variable rate control with the AgXcel ARC Upgrade Kit.



GX1

ManX Controller Features:

- Manual Rate Controller
- Simple & effective flow control management
- Easy Flow Regulator
- On/Off Switch
- Dual Pump Compatible
- Simple, plug 'n play Installation



ManX Controller

AgX GX1 / Man-X Kit Includes:

- 1-4# check valve per row
- Floating Ball or custom PVC manifolds
- GX1 chassis base (custom laser cut & powder coated)
- 3 sets of orifices
- 2 filters with 50 & 80 mesh screen
- 50 ft of 3/4" hose
- 200 ft of 1/4" tubing (depends on implement)
- Single 5.3 GPM pump (dual available)
- Full port ball valve for tank shut off
- Complete wiring harnesses with weather pack fittings custom made to disconnect at the hitch.
- 0-60 PSI SS gauge mounted between manifold
- Run hold switch w/magnetic holder to auto-manage the pump at row ends
- Manual rate controller with 1 yr. warranty and reverse polarity protection
- SOLD SEPARATELY: Rebounders, Y-Not Split-It Kits, Brackets (S&H)

With the 4# check valve you are sure to not waste fertilizer when making turns or pausing in the field. The check valve is mounted approximately 30" from the bottom of the row so fertilizer drip is minimal. All manifolds are configured to your specifications; AgXcel configures the manifolds according to your product weight and GPA requirements. This way there is no guessing on the producer's part. The run-hold switch is part of every AgXcel fertilizer application system, insuring that when you pause, the system pauses as well, because during the planting season.....there is no time for waste. The AgXcel 5.3 GPM pump is rated for agricultural use unlike many of the other electric pumps on the market today. AgXcel electric pumps average over 4.5 years of life due to the way the system is configured and plumbed. Don't second guess one of the most important planting steps of the season! Make the GX1 fertilizer application system a part of your successful planting season. The many features of this kit are why it has been a customer favorite for the past 15 years!



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Why shop with multiple vendors?

Take Control with the AgXcel controller line up.

AgXcel's ManX (manual rate controller) is a simple, durable, yet highly effective solution for those wishing to have complete control. Producers enjoy the ease of use and simplicity built into the ManX Controller. Take it up a notch with the AgXcel's AutoX (automatic rate controller), on the go rate adjustment with a push of a button. Our line of controllers and flow meters give you more options for customization.



ManX Controller



Turbine flow meter

AutoX Controller Features:

- Automatic Rate Control
- Tank counter measures levels in the tank
- Controls electric & hydraulic valves/motors
- Enhanced reliability, precision & accuracy
- Heavy-duty console with built-in boom controls for up to 3 separate boom sections
- Records area and volume in 3 independent counters so individual jobs can be tracked
- Precise rate control regardless of field conditions
- On-the-go rate adjustment



AutoX- Compact Plus

J.G., TX-

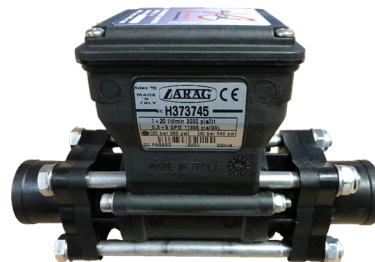
I like the idea of being able to adjust the volume accurately in the cab and the charts you send are very easy to read and use. Also setting the system up was a cinch and I look forward to installing more of your in-furrow fertilizer systems.

Standard AgX FAS Kits Include:

- a pump & flow meter
- manifold & distribution center
- fertilizer placement options
- controller options
- wiring harnesses & adapters

Flow Meters

Flow meters are an important part of the fertilizer application process when using any automated control to manage flow rates. Our line of flow meters will meet your specific needs and requirements. AgXcel's FM750 GFN series will meet many fertilizer application requirements. For more precise meter management, our line of Mag Flow Meters may be utilized.



Mag flow meter

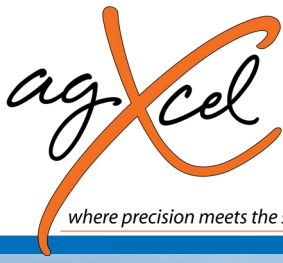
Mag Flow Meter Features:

- No mechanical moving parts
- Advanced technology at an affordable price
- Low sensitivity to turbulence
- High precision, max. error is 0.5%
- Wide variety of flow rates for use in diverse applications
- Performance independent from fluid density & viscosity
- Save chemical throughout the life of the system



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LIQUID APPLICATION SYSTEMS

designed for

POTATO PLANTERS



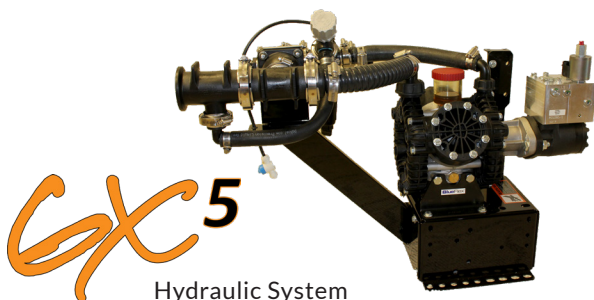
LIQUID FERTILIZER SOLUTION

AgXcel's GX5 Smart Hydraulic Systems are designed with the smart producer in mind.

THE GX5 SWEEP FLOW TECHNOLOGY: *Sweep Flow Technology* (SFT) allows it to run 15% more efficient than other designs. Keeps hydraulics flowing smoother, cooler, and more freely which leads to less stress on your system with cooler running hydraulic fluid.

THE GX5 OPTIONS / FEATURES:

- 4 sizes available, ranging from 15-55 GPM
- Positive Displacement Pump, one revolution of the pump shaft results in specific volume
- No issues drawing liquid from front of tractor or pull behind cart



Hydraulic System

THE GX3 LOW VOLUME SOLUTION

AgXcel's GX3 *Low Volume Solution* is configured with a roller pump that is specifically designed for harsh chemical environments like insecticide, herbicide & fungicides.

THE GX3 OPTIONS / FEATURES:

- 155 Gallon Solution Tank
- 45 Gallon Clean Water Base Reservoir
- Silver Series XC Roller Pump
- Teflon Rollers with coated seals



GX³
Low Volume
Solution

AgX GX3 for Hydrhume & Blacklabel or Low Volume Capture

The perfect solution for Low Volume application!

AgXcel's Fertilizer Application Systems have it all.

Looking for a complete system that has it all? The AgXcel GX3 systems come complete with everything you need to get up and running FAST! The GX3 allows for low volume scenarios with solutions like, herbicides, fungicides, insecticides and low volume starter. The GX3 even has a 45 gal clean water base tank that makes clean up a cinch.

The GX3 is designed with 3 options for mounting, to accommodate your needs and environment. Check out our Facebook page for pictures of all 3 options.

www.fb.com/agxcelerator

The GX3 is also available as a fungicide solution. This setup is configured with roller pump that is specifically designed for harsh chemical environments like insecticide, herbicide and fungicides.

AgXcel's GX3

simplify operational efficiencies



GX3

ManX Controller

Take Control with the GX3 Features:

- 155 Gallon Solution Tank
- 45 Gallon Clean Water Base Reservoir
- Dual Pump System
- Bypass agitation "with the flip of a knob!"
- Full control, w/ Integration into popular OEM controllers:
 - Green Star
 - AgLeader
 - Trimble
 - Raven
 - Micro-Trak
- Pre-Assembled for you to just bolt on and go
- Made in the USA

Features of the GX3 as a Fungicide Solution:

- Silver series XC roller pump
- Teflon rollers with coated seals
- 6.3 GPM pump
- Complete manifold setup

AgXcel GX10 Integraton Kit

The AgXcel GX3 can be configured to work seamlessly with any OEM controller including JD GS2/3, Trimble, Raven, Outback, AgLeader, Micro-Trak or even the AgXcel Manual Rate Controller. Don't have a controller? Not a problem, AgXcel can set you up with the AgXcel AutoX-Compact controller, simple, easy and effective. Let us know your needs and AgXcel will customize the GX3 for your application requirements.



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AgX GX3 for Hydrhume & Blacklabel or Low Volume Capture

Mounting options to fit your implement!

23" Upright Mount

- Mounts on tool bar sized 4" - 8" in size
- 16 1/2" Channel Rise
- Complete setup is 23" wide
- Approximately 66" tall from top of tank to base of tool bar
- Width of setup is approximately 70"
- Base stands are adjustable in 2" increments
- 155 Gallon White Tank
- 45 Gallon Black Base Tank



23" Offset Mount

- Mounts on tool bar sized 4" - 8" in size
- 17 3/4" Channel Rise
- Complete setup is 23" wide
- Approximately 66" tall from top of tank to base of tool bar
- Width of setup is approximately 70"
- Base stands are adjustable in 2" increments
- 155 Gallon White Tank
- 45 Gallon Black Base Tank



3 Point Hitch Mount

- Easy 3 Point Mounting
- Complete setup is 23" wide
- Approximately 66" tall from top of tank to base of tool bar
- Width of setup is approximately 70"
- Base stands are adjustable in 2" increments
- 4 legs stands for easy storage
- 155 Gallon White Tank
- 45 Gallon Black Base Tank



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Reliability, Rapid Rate Response, and Minimal Maintenance

AgXcel GX5 Hydraulic Diaphragm Pump Solution

AgXcel's line of diaphragm pumps are the most complete and accurate line of hydraulically driven pumps available for applying a variety of liquids including herbicides, pesticides, liquid fertilizers and hard-to-handle fluids. The GX5 pumps are available in a large flow range and this is due to the fact that they are hydraulically controlled. They deliver the highest grade of reliability, rapid rate response, and require minimal maintenance. The GX5 is a positive displacement pump so for every revolution of the pump shaft results in a specific volume of flow. Positive displacement pumps, unlike centrifugal can produce the same flow at a given speed (RPM) no matter what the discharge pressure.

Thus, positive displacement pumps are constant flow machines making the GX5 one of the most accurate volume placement pumps on the market.

AgX GX5 - Diaphragm Pump Features Include:

- Have good suction lift characteristics, some are low pressure pumps with low flow rates; others are capable of higher flow rates, dependent on the effective working diameter of the diaphragm & its stroke length. They can handle sludge and slurries with a relatively high amount of grit & solid content.
- Suitable for discharge pressure up to 1,200 bar
- Have great dry running characteristics
- Are up to 97% efficient.
- Have good self-priming capabilities
- Are superior in handling high viscous liquids
- There are no seals to ruin and it's nearly impossible for the system to develop air lock
- When the GX5 is mounted on an liquid cart or pull cart, the GX5 will easily draw liquid to supply even the highest demands for liquid placement on any implement

AGXCEL GX5 SMART HYDRAULIC SPECS

PUMP MODEL	# DIAPHRAGMS	MAX FLOW GPM
GX5 LFP80	3	19
GX5 LFP120	3	30
GX5 LFP160	4	35
GX5 D250	6	55

Simple Installation - The GX5 pump is completely assembled at the factory to make your installation process a breeze. Optional features like bypass agitation, pressure transducer kit and optional mounting brackets are available.

The AgXcel GX5 PWM Control Valve

AgXcel's custom built hydraulic PWM valve is designed to perform even under the most demanding environments. The PWM hydraulic valve is designed for both closed center and open center systems and can be tuned for either configuration with a simple valve adjustment.



AgXcel PWM Valve



GX5 System



GX5 LFP80
for vApply HD



AutoX- Compact Plus



AgX GX5 - LFP80 for vApply HD:

- Smooth & Accurate Application/High Speed Planters
- Blue Flex Technology = Enhanced Durability
- No Pulsating Liquid Management Design
- Sustainable High Pressure Capability to Prevent Orifice Plugging
- Low & High Volume Capacity - .5 - 20 GPM
- Improved Pressure Management

The AgXcel GX5 PWM hydraulic system has been utilized in various application environments like 2x2 application, strip till application, side dress just to name a few. As will all AgXcel solutions, the GX5 integrates seamlessly into all major OEM controllers whether it's the AgLeader, Trimble, TopCon, John Deere Green Star or can be managed with the AgXcel Auto X compact controller.

FREE QUOTATION CALL US TODAY!

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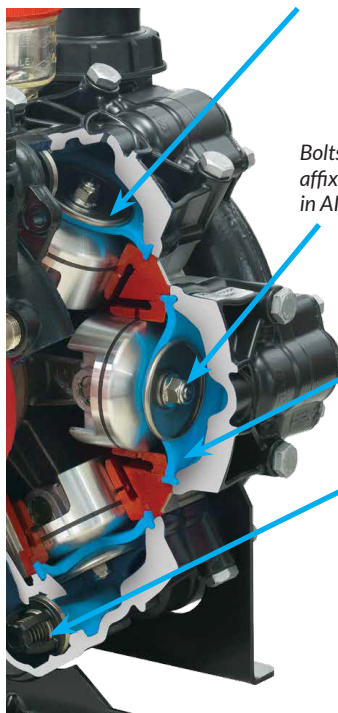
Utilizing AgXcel's proprietary PWM Hyd Valve for unmatched Hydraulic management and system performance.

AgXcel's PWM

Large valves in AISI 316 for best hydraulic efficiency and better resistance to chemical agents.

GX⁵

LFP SPECIALTY PUMP



Bolts and nuts for affixing the diaphragm in AISI 316.

Long-life BlueFlex® diaphragms for resistance to spraying chemicals and aggressive liquid fertilizers.

Seals in Viton on our LFP Pumps.



BlueFlex Diaphragm



GX5 LFP80

The GX5 LFP80 is a great pump to use with vApplyHD. Minimal to Zero pulsation for steady, consistent flow. Low maintenance enhanced with Blueflex Technology.

- Low Maintenance
- Long-life Blue Flex™ diaphragms for resistance to spraying chemicals and aggressive liquid fertilizers
- Minimal Hydraulic Oil usage
- High Pressure capabilities
- All GX5 LFP System parts in contact with spraying liquids are polypropylene and stainless steel 316 for higher flow and better corrosion resistance
- Minimal to Zero pulsation allowing vApplyHD modules to maintain steady and consistent flow
- The 3+ cylinder design will allow the system to prime faster with less vibration during use.
- Range of .5 - 20 GPM flow rate (*Higher volume systems available*)
- **NEW** Blueflex Technology = Long-life diaphragms for resistance to spraying chemicals and aggressive fertilizers.

1

Our GX5 Hydraulic systems use low pressure diaphragm pumps that can apply a wide variety of chemicals with different viscosities, from .5 GPM to 55 GPM.

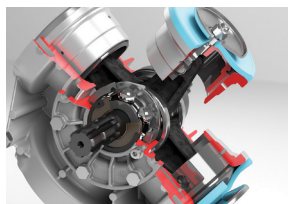
2

Our GX5 low pressure diaphragm hydraulic pump systems are simultaneously exquisitely sophisticated in terms of precision application of liquid fertilizer, perfectly in line with the need to protect the environment of today and tomorrow.

3

Designed for a wide range of professional agricultural application environments:

- Planting
- Drilling
- Side Dressing
- Strip-Tilling
- Pre-Bedding for Potatoes
- Custom Applications



Nº2 High Quality needle bearings under the connecting rods to reduce friction



Pump head in Nylon for



For all those especially demanding jobs go with the BLUEFLEX diaphragms that are a step ahead. Go beyond your expectations!

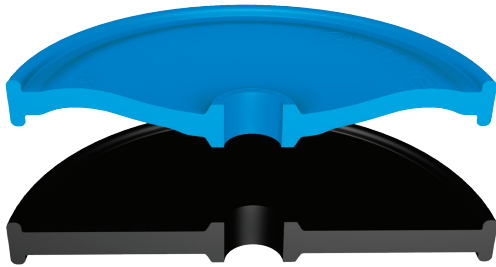


GX⁵

HEAVY DUTY & LONGER LIFE DIAPHRAGM

SPECIAL SHAPE

The special shape and thickness of the diaphragms has been carefully optimized to reduce mechanical stresses during the working cycle of the pump even under the most difficult working conditions.



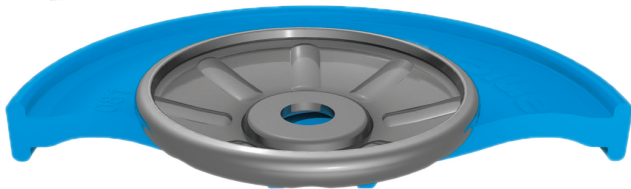
BLUEFLEX SYSTEM

The combination of the new BlueFlex diaphragms when used with the new patented diaphragm plate is known as the "BlueFlex System". This translates into heavy duty and long diaphragm life.

PATENTED DIAPHRAGM PLATE FOR BLUEFLEX DIAPHRAGMS

The new patented diaphragm retaining plate has a shape that minimizes the possibility that the diaphragm can get caught or nicked by the diaphragm plate.

PATENTED



STANDARD FEATURE ON ALL GX5 HYDRAULIC SYSTEMS

Give us a call to find out which GX5 with BlueFlex is best suited for your needs!

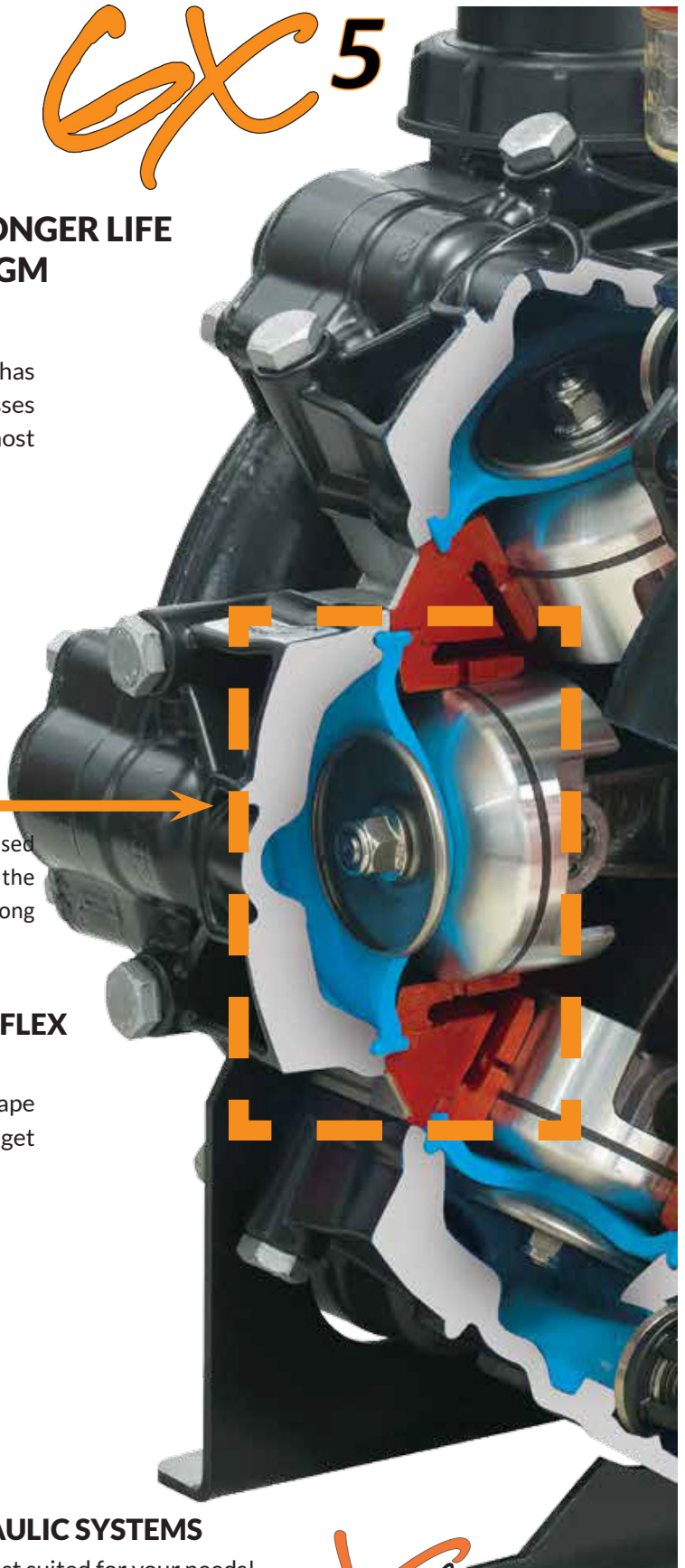


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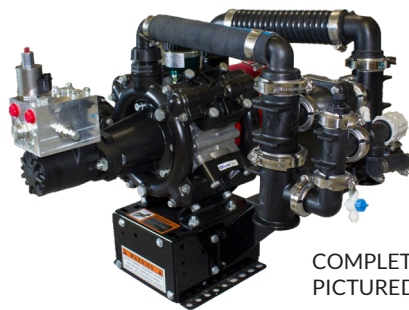
877.218.1981





Looking for a high-performance pump that can withstand even the harshest of chemicals?
LOOK NO FURTHER!

GX5	PN#	GX5 STATS
LFP80B	55587	3 DIAPHRAGMS - BLUE FLEX .5 - 20 GPM - LIQUID FERTILIZER PESTICIDES
LFP80V	55592	3 DIAPHRAGMS - VITON FOR LOW PH .5 - 20 GPM - LIQUID FERTILIZER PESTICIDES
LFP120B	56029	3 DIAPHRAGMS - BLUE FLEX 1 - 30 GPM - LIQUID FERTILIZER PESTICIDES
LFP120V	55635	3 DIAPHRAGMS - VITON FOR LOW PH 1 - 30 GPM - LIQUID FERTILIZER PESTICIDES
LFP160	53588	4 DIAPHRAGMS - BLUE FLEX 5 - 35 GPM - LIQUID FERTILIZER PESTICIDES
D250	53597	6 DIAPHRAGMS - BLUE FLEX 5 - 55 GPM - STANDARD



COMPLETE LFP160
PICTURED ABOVE

SEAMLESS INTEGRATION:

- Green Star
- Ag Leader
- Trimble
- TopCon
- Raven
- AgXcel
- Case IH

Complete GX5 hydraulic system with pump, pwm valve, hydraulic motor, hoses, clamps, replacement oil and diaphragm kit all completely assembled, ready to go.

Due to possible manufacturers price changes, prices are subject to change without notice.



COMPLETE LFP120
PICTURED ABOVE



Scan QR Code for
more information

GX5 FOR vAPPLYHD

NO PLUMBING - PUMP, MOTOR, PWM AND PUMP FLANGE KIT - ONLY

GX5	PN#	GX5 STATS
LFP80B	37649	3 DIAPHRAGMS - BLUE FLEX .5 - 20 GPM - PUMP, STD MOTOR & PWM ONLY
LFP120B	37776	3 DIAPHRAGMS - BLUE FLEX 1 - 30 GPM - PUMP, STD MOTOR & PWM ONLY
LFP160	35327	4 DIAPHRAGMS - BLUE FLEX 5 - 35 GPM - PUMP, STD MOTOR & PWM ONLY
D250	35381	6 DIAPHRAGMS - BLUE FLEX 5 - 55 GPM - PUMP, STD MOTOR & PWM ONLY
ADDED TO KITS ABOVE	53687	GXvAPPLY RPM <u>ADD-ON KIT</u> - MUST BE SOLD IN CONJUNCTION WITH A GX5 SYSTEM

Optional - Integration into GS2/GS3, JD2K, Trimble, AgLeader, Raven, MicroTrak.

****** Manifold kits are also available and a variety of mounting brackets sold at an extra charge ******

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AGXCEL FERTILIZER APPLICATION

GX5 Hydraulics

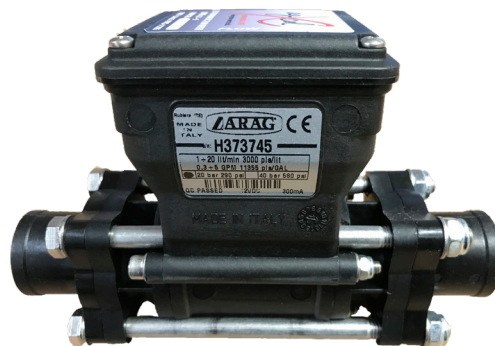
Planter & Grain Drill Fertilizer Application Systems

We have multiple options to meet your needs!

Take Control with the AgXcel Rate Systems.

AgXcel Magnetic Flow Meter

- No mechanical moving parts for longevity
- Low sensitivity to turbulence
- Ideal for variable rate application
- Measures flow at 70 pulses per gallon
- Performance not affected by product viscosity or density
- Measures flow at 1135 to 2271 pulses per gallon on hydraulic systems



Mag flow meter

GX5 Universal Mt. Toolbar Bracket

- Allows the GX5 to be mounted on any toolbar or saddle tank mount
- Convenient and affordable



GX5 JD 1770 Mounting Bracket

- Allows for a custom install
- Easy install on JD 12, 16, and 24 row planters

AutoX Compact Plus

Looking for a compact controller for single rate management? Consider our AutoX Compact Plus controller. Packed with all the important options for managing either in furrow fertilizer placement or 2x2 this controller has it all. The AutoX Compact is a 3-section automatic rate controller for liquid and anhydrous with built-in boom switches on the console. Its all-in-one design makes it a convenient, simple user friendly package at a very economical price.



AutoX- Compact Plus

AutoX Compact Features:

- Records area and volume in 3 independent pairs of counters so individual jobs can be tracked
- On-the-go rate adjustment
- Push-button auto/manual feature for spot treatments
- Minimum flow feature to ensure proper application pattern as ground speed slows to extremes
- Precise rate control regardless of field conditions
- Flow based control



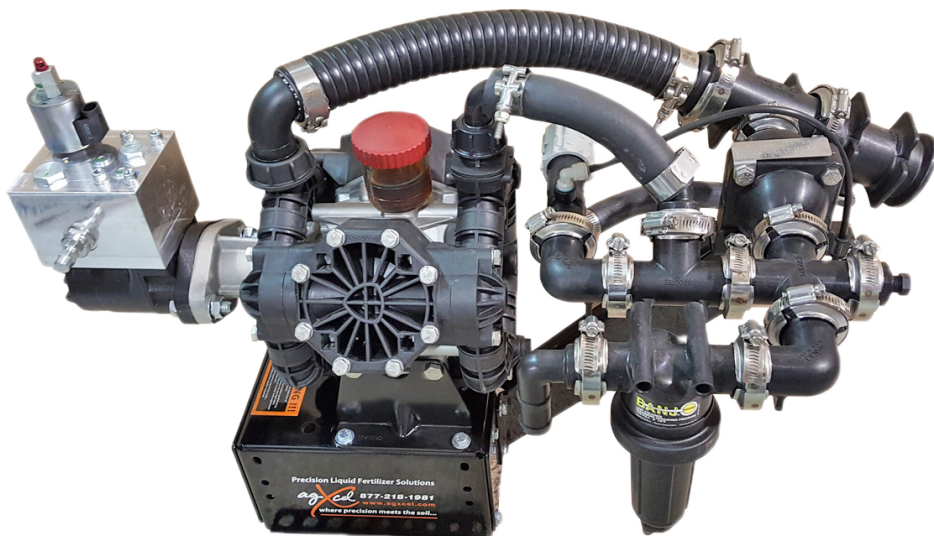
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Multiple options for Mounting GX5

Shown below is the AgXcel GX5 LFP80 3 diaphragm pump system. AgXcel carries 5 different pump sizes to meet various rate requirements and will have a slightly different mounting setup. However, all functions of the AgXcel PWM valve remain the same despite the pump system or size.



GX5

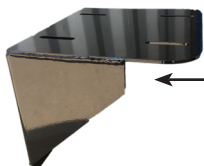
OPTIONAL MOUNTING GX5 MOUNTING BRACKETS

- Mount pump in your preferred location. The GX5 pump has excellent suction and priming ability, so it can be mounted away from or above fertilizer tanks.
- For JD1770NT 12, 16 & 24 row planters, AgXcel offers an over the tire pump mount that fits all GX5 models. This mounts the pump over the center tires.

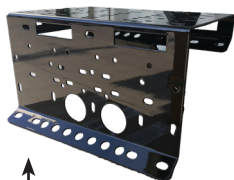


PN#53678 GX5 Bracket for JD Planter Front Fold for 12 & 16 row planters

- For JD1720 CCS planters, AgXcel offers a mounting bracket to the large circular plate on the CCS support arms.



PN#54397 GX5 Bracket for JD 1720 CCS (mounted to circular plate on lift assist frame)



PN#53968 GX5 Bracket on the rear lift assist wheels for JD 1790 planter

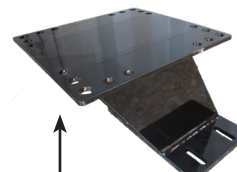
- AgXcel has U-bolts and universal mounting brackets that allow for the mounting of the GX5 system on various bar setups.



PN#54898 Universal mounting bracket



PN#53957 GX5 Bracket assembly for JD1770 NT front fold 24 row planter



PN#54586 Case IH draw bar bracket (can fit a 8" to 10" draw bar)

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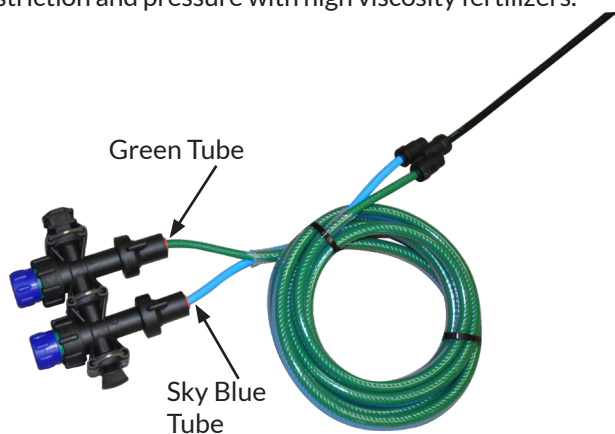
AgXcel GX6 for Hydrhume & Blacklabel or Low Volume Capture

Looking to put down Hydrhume or Blacklabel, but aren't sure about what distribution system is required?

GX6

Tired of plugging orifices or out of control pressure due to high viscosity fertilizers? AgXcel's GX6 was designed to address these issues and fertilizer types.

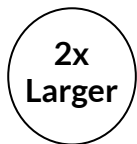
The AgXcel GXDMM (GX Dual Metering Manifold) technology system uses micro tubing to manage the flow and pressure of high viscosity and or high particle fertilizers. Micro Tubing inside diameter is 2 times larger than its equal in an orifice size, therefore allowing for improved management of liquid flow, volume restriction and pressure with high viscosity fertilizers.



Micro Tubing ID is 2 times larger than its equal orifice



Standard Orifice



Metering Tube

GXDMM (GX Dual Metering Manifold) uses dual controls for managing dual rates and high viscosity liquids



CALCULATOR
Our easy to use, orifice and metering tube calculator is available FREE now on the Play Store.



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AutoX Compact Plus

The AutoX Compact Plus will manage your rate effectively while the micro tubing manages the pressure and flow. Packed with all the important options for managing either in furrow fertilizer placement or 2x2 this controller has it all. The AutoX Compact is a 3-section automatic rate controller for liquid and anhydrous with built-in boom switches on the console. Its all-in-one design makes it a convenient, simple user friendly package at a very economical price.



A perfect fit for the management of Hydrhume, Blacklabel or even Low Volume Capture.



GX6 Dual Body checkvalve on CASE IH toolbar



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AgXcel GX6 for Hydrhume & Blacklabel or Low Volume Capture



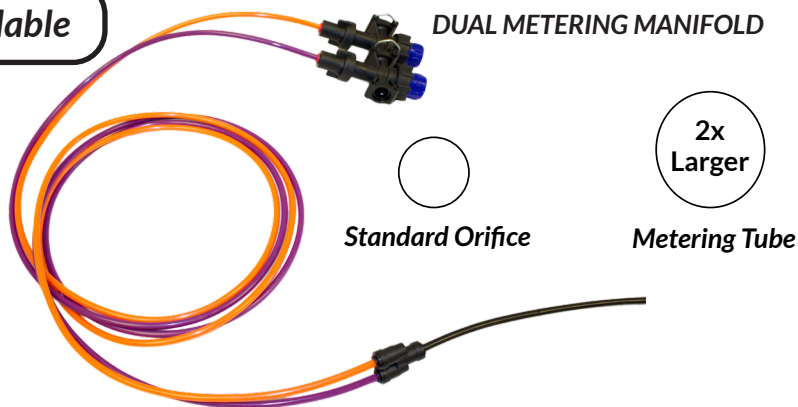
The AgXcel GX6 system utilizing a dual metering manifold is a great way to plumb an implement to apply starter fertilizer. The GX6 system will also work on other implements when applying low rates of fertilizer and/or high viscosity solutions.

This system will contain everything required to plumb the manifold portion of your system all the way down to the furrow.

The dual body assembly is an important part in the dual metering manifold design. In addition to a check valve to prevent fertilizer from draining when the system is shut off, each check valve has an on/off valve on top of it. These on/off valves allow the operator to turn on only tube 1, only tube 2, or both tube 1 and 2. This provides for three different application ranges, which is especially helpful when using Black Label. Zn fertilizer which has a highly variable viscosity based on temperature changes.

METERING TUBES	
	GX6MT - PINK
	GX6MT - YELLOW
	GX6MT - GREY
	GX6MT - NAVY BLUE
	GX6MT - BROWN
	GX6MT - SKY BLUE
	GX6MT - GREEN
	GX6MT - PURPLE
	GX6MT - ORANGE
	GX6MT - RED
	GX6MT - BLACK

11 sizes available



GPA on 30" rows
(approx. will vary)

DUAL METERING SYSTEM BENEFITS

Metering tube provides a larger passage way diameter than a comparable orifice. For a 5 GPA rate on 30" rows, a size 0.046" orifice would be used. For the same rate a 0.110" meter tube that is 8' long would be used. This 8' tube with more than twice the diameter creates a fertilizer system resistant to plugging while providing excellent row to row distribution.

By using two metering tubes, the fertilizer system can handle Black Label ZN Hydrhume and provide proper system pressure as the fertilizer properties change due to temperature, mixtures and other factors.

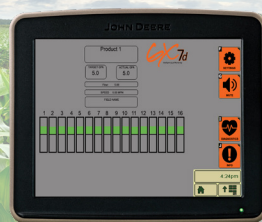
Sky Blue Tube	1.5 - 3
Green Tube	3 - 6
Sky & Green Tube	6 - 10
Min. recommended flow for Sky (8ft)	4 - 5 oz min



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GX7d

ROW MONITORING SOLUTION



STANDARD AND NEW ISO VERSION



Row Monitoring

Monitor the flow on every row. Know every detail about where, when and how much fertilizer you are applying.



Compatibility

The GX7D runs independent and will work along side what ever system you have in place



New ISO Version

The GX7D now has the capability to connect through the ISOBUS connection.



Real Time Alerts

If an individual row should plug the in cab monitor will detect the stop of flow and alert the user to which specific row is having issues in *REAL TIME*!



Utilizing AgXcel Magnetic Flow Meters

- No mechanical moving parts
- For viscous or dirty chemicals

PRECISION AG

Mechanical Revolution

Scientific Revolution

Automation & Precision Revolution

Information Revolution

Transforming
precision liquid application into a *digital science*....

WHEN PRECISION MATTERS...



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Are you currently using the ever popular MANX controller and ready to upgrade to the AgXcel Precision Auto Rate Controller?

Going Precision Liquid has never been easier!

Ready to take precision planting to the next level. With the AgXcel GX9 AutoX controller upgrade kit you can make precision planting a reality and AgXcel makes it uncomplicated as ever. The AgXcel AutoX system allows for precision placement of liquid fertilizer and minimizes waste. No longer will you experience over-application or under application when your speed requirements change. As you roll over terraces or rolling hills the AutoX controller will compensate and adjust the liquid volume flow to ensure that your GPM requirements are met. This kit is complete and will pay for itself in the first 50-100 acres of planting!



AutoX- Compact Plus

The AgXcel AutoX Compact controller has all the features to enable you to place liquid both in-furrow or 2x2 with precision.



The AgXcel PWM EPD uses pulse width modulation to ensure pumps are running at the proper rate for precision liquid placement.

Ask AgXcel which controller best fits your needs and requirements!



Mag Flow Meter

AgXcel Systems are configured with a variety of flow meters, each having their own distinct characteristics, allows us to help you decide which is best for Fertilizer Placement needs.



All Kits are complete with an AgXcel Users Guide



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AgXcel is excited to announce its latest innovative product with the release of its new GX9i PWM EPD Driver. After years of design, development and customer feedback AgXcel has developed a state of the art driver that can handle even the harshest demands and environments in controlling its line of precision liquid application solutions. The on-board circuit technology can intelligently manage system resources which enables high demanding performance when controlling 12v electric pump(s). The durability of this EMD is far superior than any EMD on the market today. The option to connect with Johnson Connectors makes this module highly versatile.

LED Status - Multiple LED's that enable enhanced monitoring and troubleshooting



GREEN - Power indicator that can alert when 12v is present or when voltage has dropped below superior performance levels

BLUE - Complete monitoring of EMD PWM signal informing user of proper signal strength and appropriate duty cycle

YELLOW - Temperature control module that protects the unit from current spikes or high current heat

RED - Management and monitoring of motor current. This enhancement allows for proper circuit current for electric motors

ORANGE - Intelligently monitors the appropriate voltage to electric pumps and closely monitors pump(s) performance



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AGXCEL FERTILIZER APPLICATION

Integration Options

Planter & Grain Drill Fertilizer Application Systems

Looking for a Fertilizer Application System with seamless integration into your existing controller?

JD / AgLeader / Trimble / Other OEM's

AgXcel has the complete solution! The AgXcel GX10 system has all the system components for a seamless integration into your in-cab display. Whether you're looking to manage in-furrow starter with our GX2 system or high volume nitrogen in a 2 x 2 with our GX5 Hydraulic systems, the AgXcel GX10 integration kit will provide the system requirements for in-cab finger tip management for precision liquid placement.

Integration options include but are not limited to:

- Integra Controller
- John Deere
- Trimble
- Other OEM Models Available

GX10 Complete Kit Includes:

- The AgXcel custom integration harness kit that connects directly into the Rate Controller
- The AgXcel GX2 or GX5 Precision Liquid Placement systems for both in-furrow starter or higher volume liquid placement.
- PWM EMD or PWM Hyd. control valve for responsive liquid management
- Complete flow meter kit even for the most demanding rates
- Swath control - optional feature that allows for the management of liquid to match your seed control.
- Auto Rate Control, Variable Rate Control, Swath Control = Precision Rate Control!



Integra Controller



GS2/GS3 Controller



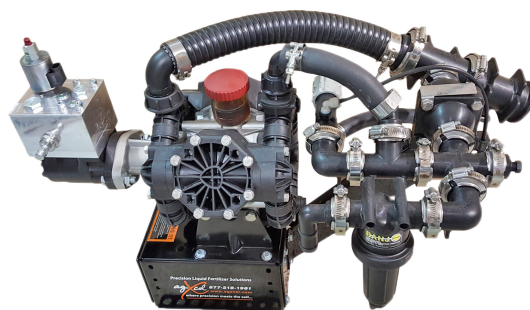
Trimble Controller

****Liquid module must be purchased from your John Deere, Trimble or Ag Leader Dealer.**

With AgXcel's plug and play custom harnesses you'll be up and running in no time!



GX2 Electric System



GX5 Hydraulic System

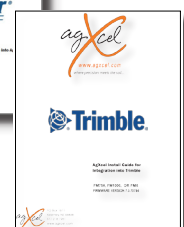
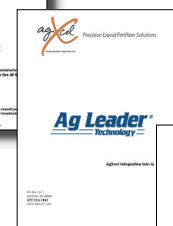
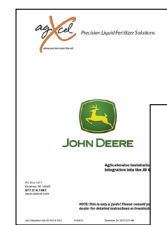
AGXCEL GX5 SMART HYDRAULIC SPECS

PUMP MODEL	# DIAPHRAGMS	MAX FLOW GPM
GX5 LFP80	3	19
GX5 LFP120	3	30
GX5 LFP160	4	35
GX5 D250	6	55

Mag Flow Meter



AgXcel Systems are configured with a variety of flow meters, each having their own distinct characteristics, allows us to help you decide which is best for Fertilizer Placement needs.



All Kits are complete with an AgXcel Users Guide



Complete line of applicators, stainless steel tubes, and tank brackets available.

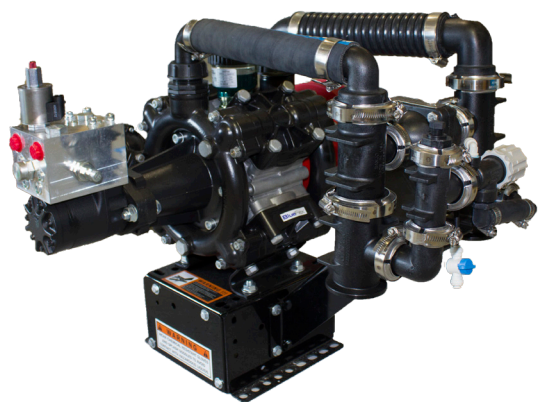
With AgXcel's custom integration harness for Swath Control you'll be ensured that every drop of fertilizer is properly utilized by reducing over-lap.

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AgXcel Precision Liquid Fertilizer System for the CaseIH 1200 series planter is a complete system.

Whether you are looking for an in furrow application system, a high volume 2x2 solution or only the components AgXcel can assist with your requirements. This AgXcel GX10IH has all you need for a complete system including, electric or hydraulic systems integrated into the CaseIH Pro 700 or Trimble Field IQ, complete custom laser cut powder coated bracket and tank kit, complete manifold solution and various stainless steel tubes for in furrow or 2 x 2 application.



AgXcel GX5 Hydraulic Solution

AgXcel's line of diaphragm pumps are the most complete and accurate line of hydraulically driven pumps available for applying a variety of liquids including herbicides, pesticides, liquid fertilizers and hard-to-handle fluids. The GX5 pumps are available in a large flow range and this is due to fact that they are hydraulically controlled. They deliver the highest grade of reliability, rapid rate response, and require minimal maintenance. The GX5 is a positive displacement pump so for every revolution of the pump shaft will results in a specific volume of flow. Positive displacement pumps, unlike centrifugal can produce the same flow at a given speed (RPM) no matter what the discharge pressure. Thus, positive displacement pumps are constant flow machines making the GX5 one of the most accurate volume placement pumps on the market.

AgXcel GX5 PWM Control Valve

AgXcel's custom built hydraulic PWM valve is designed to perform even under the most demanding environments. The PWM hydraulic valve is designed for both closed center and open center systems and can be tuned for either configuration with a simple valve adjustment. Additionally, the PWM valve can be configured for "power beyond" systems when valve remotes on the tractor are limited. The PWM has a built in manual override control that you simply turn and lift the manual override to check for proper hydraulic connections a great feature for ensuring proper hydraulic flow.



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AGXCEL FERTILIZER APPLICATION

Integration into GX10IH12

Planter & Grain Drill Fertilizer Application Systems

Case IH 1200

Complete AgXcel custom manifold solution including all mounting brackets, custom tanks and bracket assemblies with fill kits!



AgXcel stainless steel tubes for infurrow application and a higher volume applied out the back



Combined with the AgXcel Mag flow meter this makes this system one of the most accurate systems on the market today!



Complete setup for the 950 implement.

AgXcel GX5 Smart Hydraulic Specifications		
Pump Model	# of Diaphragms	Max Flow GPM
GX5 LFP80	3	19
GX5 LFP120	3	30
GX5 LFP160	4	35
GX5 D250	6	55

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GX12i Chemical Injection System

LOW VOLUME * SEAMLESS



APPLYING LIQUID IN FURROW? **DARE TO COMPARE?**

- Perfect solution for low volume applications that require injection of solution
- Simple to install
- Works seamlessly with all AgXcel Systems
- 10 Gallon solution tank
- Back flow protection
- Accurate and Affordable
- Constant steady chemical flow
- Inject low volumes of Fungicide, Insecticides and many other viscous chemicals.

Don't throw your \$\$\$ away
on an over priced system!

GX12i
Chemical Injection System

Why spend THOUSANDS of \$\$\$ on a Chemical Injection System?

At AgXcel, we dare you to COMPARE! Compare systems, cost, and support!

The AgXcel GX12i Precision Injection Solution is designed for the application of low volume pesticides, insecticides or any solution requiring a carrying agent. The GX12i does not require any electrical components to operate the injector system but uses the system pressure and volume of the existing pump system used for the carrier. The GX12i works seamlessly with all AgXcel Precision Liquid Application Solutions.

Plumbing the GX12i is as simple as it gets, the unit main plumbing is completed at the factory and the end user is only required to place a feed hose from the existing pump system to feed the GX12i injector and then a return line back to the existing pump systems manifold or distribution center. AgXcel recommends that no modifications are made to the unit as this will void the system warranty. System flow check valves and ball valves are configured so that solution back flow or contamination is prevented.



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more information

At AgXcel, we pride ourselves in our customer support, before and after a purchase is made. It's more than just providing answers; it's an important part of the promise we make to you, our customers.

Don't get left on the line.....call us first!



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Introducing...



Great
New
Product!

The AgXcel GX12HP Revolution is a state-of-the-art high pressure chemical injection solution designed for the precise dose of Nano application solutions. Whether you are looking to inject low volume insecticides, fungicides or inoculants the GX12HP can effectively handle rates as low as 2 ounces per acre. Designed with the ability to accurately dispense liquid at high pressure. Injection is exact and precise with the ability to manage and change rates on the fly.

- GX12hp Low Flow - For use with injection rates from 2oz/min to 24oz/min
- GX12hp High Flow - For use with injection rates from 20oz/min to 128oz/min
- High performance positive displacement pump equates to an accurate and precise dosage on every acre.
- Utilizing AgXcel's state of the art proprietary electronic motor driver.

Great for use with insecticides, fungicides, nutrient managers and micro-nutrients.

With the ability to seamlessly integrate fully into major OEM controllers like Field-IQ, Agleader, Raven, Micro-Trak, Pro700/ AccuControl and John Deere, management of the GX12hp becomes effortless. With the use of AgXcel integration kits the setup is simple and straightforward.



OEM INTEGRATION



GS2/GS3 Controller



Integra Controller



Trimble Controller



AutoX- Compact Plus

****Liquid module must be purchased from your John Deere, Trimble or Ag Leader Dealer.**

**FREE QUOTATION
CALL US TODAY!**



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more information

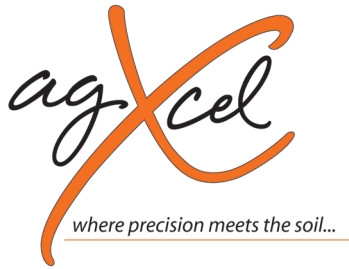


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GX5LPH SPECIALTY PUMP

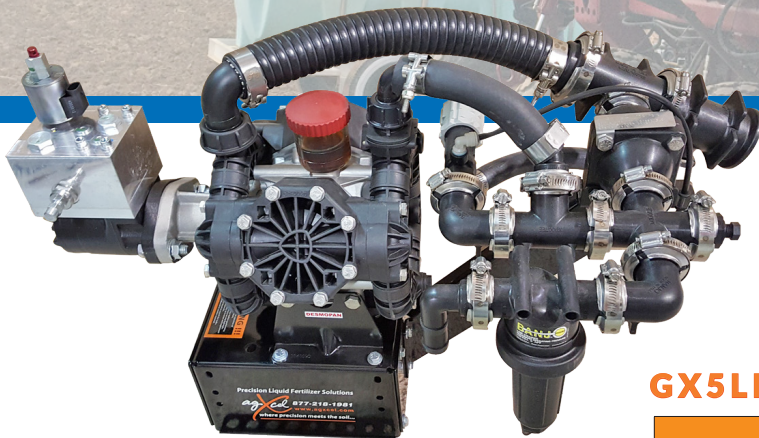
Looking for a high-performance pump that can withstand even the harshest of chemicals?

LOOK NO FURTHER!

SPECIALTY PUMP SOLUTION

The AgXcel GX5LPH is a specially manufactured polypropylene-headed diaphragm pump is specifically designed to handle *Low PH and harsh chemicals*. It is also recommended for spraying *herbicides, pesticides and liquid fertilizers*. The specially designed inlet manifolds, outlet manifolds, and heads are all polypropylene construction for the maximum in chemical resistance and very low maintenance. Specialty diaphragms are also custom installed for lasting performance.

These pumps also feature valves of Kynar and 316 stainless steel construction for excellent wear life and independence modular inlet and outlet manifolds for easy maintenance. Coupled with the AgXcel state of the art PWM Hydraulic Valve you will obtain the best of the best in precise chemical application and pump performance. Many customers depend on the AgXcel GX5LPH pump for specialty low PH fertilizers when planting potatoes or when Pre-Bedding.



Additionally, the GX5LPH can be configured to be controlled by your existing cab controller like the JD GS3, Trimble FMX, AgLeader Integra and it can even be configured with the AgXcel AutoX Compact Plus controller.

GX5LPH COMES IN 3 DIFFERENT SIZES

AgXcel GXLPH Models				
MODEL	MAX GPM	MAX PSI	MAX RPM	# DIAPHRAGMS
GX5LPH45	11	290	550	3
GX5LPH80	20	290	550	3
GX5LPH120	30	290	550	3

GX5lph
High Performance Pump

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HIGH SPEED PLANTING?

5 - 10 MPH?

DOING VARIABLE RATE?

10 - 60 GPA?



We've got your solution!
The AgXcel GX30iVRT

***Intelligent Variable
Rate Technology***



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Looking for a Fertilizer Application System with Variable Rate Technology?

At AgXcel we believe in the importance of Responsible Nutrient Management which requires the placement of vital nutrients to the soil at the appropriate location and at the appropriate rate. Limiting technology solutions should not be a barrier to appropriate nutrient replacement.

The AgXcel GX30i is an intelligent decision making microprocessor that manages and controls system pressure in a Variable Rate application environment. This patent pending solution was designed and developed by AgXcel to allow for the application of liquid fertilizer in an expansive range. Its dual valve management configuration is controlled by a central microprocessor intelligent module to manage system pressure within a specified range. Today's liquid system application rates are limited by the size of each orifice on each row in which higher rates dramatically increase system pressure and lower rates significantly drop system pressure. Many prescription based applications require application rates that span anywhere from 20GPA-40GPA at any given moment. A single size orifice cannot sustain this broad range of application which in turn minimizes the application range, therefore requiring the user to settle for a lesser range of application.

The AgXcel GX30iVRT addresses this issue with the ability to broaden this range by implementing a 3 stage orifice range system. Exhaustive testing at AgXcel has established the critical benefits of a 3 option orifice system.



GX30 Cab Display



Dual body MCV



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for more
information

- A 3 system orifice setup with our Dual Body micro valve setup allows for a much broader range of application both at higher rates and at lower rates
- 2 orifice sizes are selected, one for the lower and one for the upper range
- The 3rd orifice is created by allowing both micro valves to open which combines the lower and upper range into a dual application ratio, allowing for a much broader range
- AgXcel also uses our GX6 micro tubing technology to size the application range with 11 different sizes, for solutions that are viscous or have a high particle content.
- The micro valve controls the flow on each row and creates an instant "shut off" point therefore preventing system pressure loss when the liquid system goes into hold mode.
- Systems today use check valves to prevent system "drain out" when the system goes into hold. System pressure will drop down to the check valve pressure setting. So if you have 8lb check valves, system pressure will drop down to approximately 8 psi if not lower.
- With the micro valves system, pressure is maintained when the valve is shut.
- This pressure maintaining feature results in a quicker application start when the system goes back into start mode. The liquid system does not have to build pressure back to its delivering rate which in turn causes start points not to have fertilizer placement until enough pressure is in the system to open up the check valves.
- Lower GPA rates are also achieved at lower PSI ratings. Since there is no longer a check valve that has to open after system pressure is built, with the micro valves they are either flowing or not flowing. This means, even if system pressure reduces down to 2PSI, liquid will still be flowing at the appropriate rate since no pressure is required to open a rated check valve.
- The dual micro valves now serve as the liquid systems "sectional valves" therefore there no longer is the need to run exhaustive amounts of ¾" feed hose throughout the implement.
- Implementing the dual micro valves on each row allows for a more responsive application when the system goes from hold position to run.



Visit our website for more info or watch the
GX30iVRT video on our YouTube channel
search AgXcel!



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PLANTER TANK KITS

- Brackets are custom designed for each planter
- Laser cut and powder coated to withstand the most demanding conditions
- All tanks are pre-measured

GX TBTM CENTER FILL KIT*

- PN# 38385



Plumbing kits and different configurations available.

*Order separately
Not included with tank



VISIT OUR WEBSITE FOR A FULL LIST OF TANKS AND STAINLESS STEEL TUBES

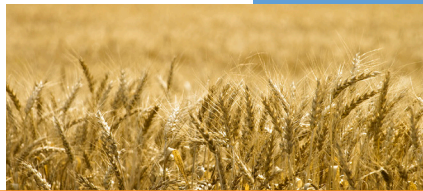
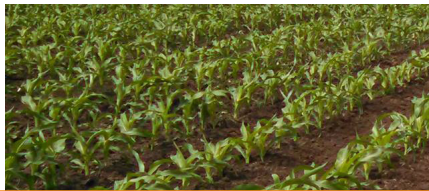
STAINLESS STEEL TUBES FOR PLANTERS & DRILLS



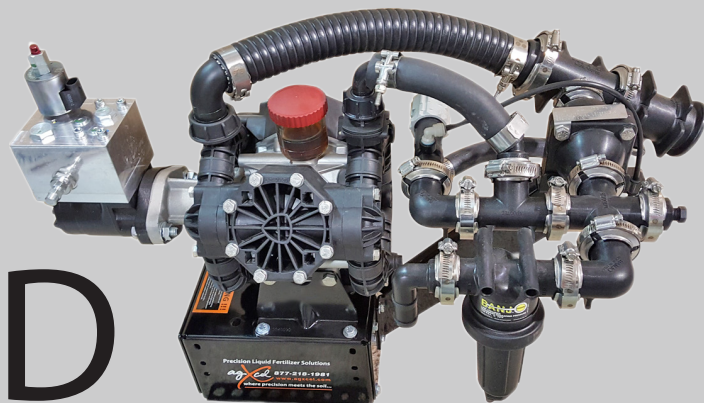
PLEASE NOTE: AgXcel does **NOT** accept any liability for damage to planters due to fluid or weight capacities determined to be in excess of the limits that the original planter manufacturer states is acceptable for their specific make and model.



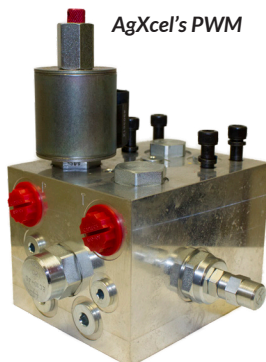
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GX⁵ LFP80 FOR vAPPLY HD



Introducing AgXcel's Newest GX5 Hydraulic Solution to smoothly and accurately apply liquid in high speed planting environments with vApply HD.



Our GX5 low pressure diaphragm hydraulic pump systems are simultaneously exquisitely sophisticated in terms of precision application of liquid fertilizer, perfectly in line with the need to protect the environment of today and tomorrow.

Utilizing AgXcel's proprietary PWM Hyd Valve for unmatched Hydraulic management and system performance

Designed for a wide range of professional agricultural application environments:

- Planting
- Drilling
- Side Dressing
- Strip-Tilling
- Pre-Bedding for Potatoes
- Custom Applications



The GX5 LFP80 is a great pump to use with vApplyHD. Minimal to Zero pulsation for steady, consistent flow. Low maintenance enhanced with Blueflex Technology.



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- **Low Maintenance**
- **3-Headed Positive Displacement Pump**
- **Minimal Hydraulic Oil Usage (.5 - 3.2 GPM)**
- **High Pressure Capabilities**
- **Minimal to Zero Pulsation Allowing vApplyHD Modules to maintain steady and consistent flow.**
- **Range of .5 - 20 GPM Flow rate**
****Higher Volume Systems Available****
- **NEW Blueflex Technology - Long-life Diaphragms for resistance to spraying chemicals and aggressive liquid fertilizers**



For all those especially demanding jobs go with the BLUEFLEX diaphragms that are a step ahead.
Go beyond your expectations!

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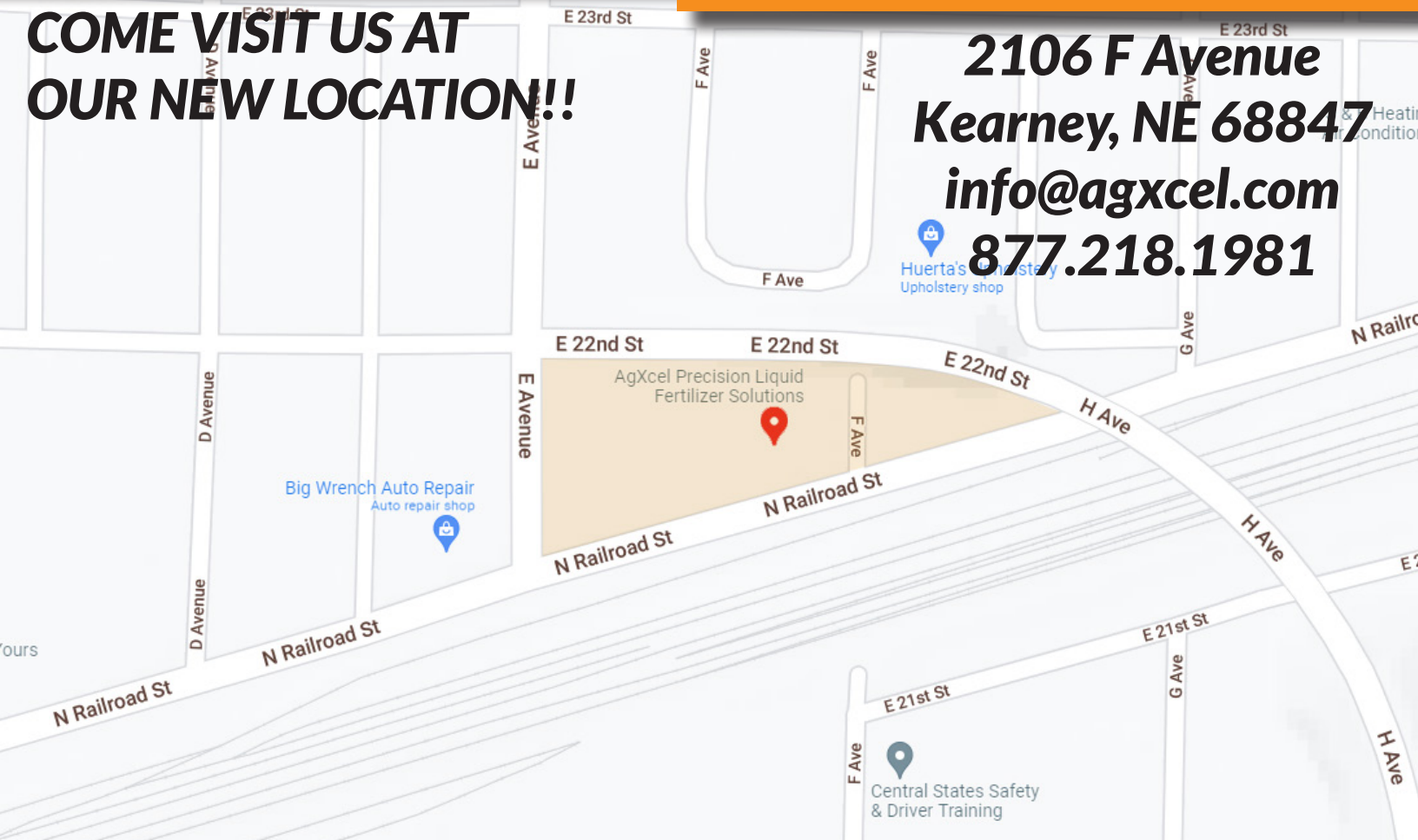
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2022 Product Catalog



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