PRODUCT DESCRIPTIONS

360 BULLET® is a ripper point that fractures the full soil profile, giving roots a smooth transition to the subsoil’s moisture reserves. The 360 BULLET factures the complete soil profile, eliminating subsurface berms left by other ripper points, creating better root penetration and access to nutrients.
360 Yield Center
www.360yieldcenter.com

360 UNDERCOVER® is an in-canopy application system for insecticides, fungicides and herbicides. A three-head nozzle system provides coverage of both the top and underside of leaves.
360 Yield Center
www.360yieldcenter.com

360 Y-DROP® is a mid-season liquid application tool that places nitrogen at the base of the plant for rapid uptake.
360 Yield Center
www.360yieldcenter.com

A

Amplify-D® is a low analysis fertilizer with a blend of nutrients which aids in early seedling development and growth.
Conklin Company, Inc.
www.conklin.com

Anthem® Maxx is a new, concentrated version of Anthem herbicide, that offers the same control and longer residual of Anthem herbicide with a lower use rate. Anthem Maxx offers pre- and post-emergence control of weeds with resistance to glyphosate, triazines and ALS-inhibiting products. It controls broadleaf weeds, including velvetleaf, lambsquarter, morningglory, pigweed and waterhemp and grasses including yellow foxtail, green foxtail and giant foxtail.
FMC Corporation
www.fmccrop.com

Authority® Maxx is a pre-emergence herbicide for soybeans that offers affordable residual control. It provides residual control of small seeded broadleaf weeds, in particular waterhemp and Palmer pigweed.
FMC Corporation
www.fmccrop.com

Authority® MTZ DF is a dry, flowable formulation herbicide to be mixed with water and sprayed for selective pre-emergence or pre-plant incorporated weed control in soybeans. Authority MTZ controls broadleaf weeds, sedge weeds, and provides grass suppression. It can also be applied as part of a fall burndown program to control winter annuals and other problem broadleaf weeds, with the flexibility to plant either corn or soybeans the following spring.
FMC Corporation
www.fmccrop.com

Authority® XL pre-emergence herbicide for soybeans can be applied in the spring to control tough broadleaf weeds and grasses. Authority Elite has two modes of action with a 45 to 60-day residual for control of tough and resistant weeds including waterhemp and Amaranthus species.
FMC Corporation
www.fmccrop.com

FMC Corporation
www.fmccrop.com
B Sure® is a unique foliar nutrient solution that increases the activity of multiple critical metabolic pathways in the crop. The nutrients found in B Sure, including carbon, nitrogen, true protein, free amino acids and other micro-nutrients, are essential to plant development.
Agrinos
www.agrinos.com

Beck’s Annual Ryegrass is a dense, fibrous-rooting annual ryegrass, that has proven to be effective in improving soil structure. With excellent winterhardiness, we recommend killing the ryegrass when it is actively putting on new top growth in the spring.
Beck’s Superior Hybrids, Inc.
www.beckshybrids.com

Beck’s Bean Builder Mix is a combination of 81% Beck’s Annual Ryegrass, 16% GroundBuilder Radishes, and 3% Appin Turnips. This mix is a great combination of fibrous roots and tubers, which allows the Beck’s Bean Builder Mix to break up layers of compaction. This mix works well when planted ahead of soybeans.
Beck’s Superior Hybrids, Inc.
www.beckshybrids.com

Beck’s Corn Champion Mix is a combination of 82% Dixie Crimson Clover, 15% GroundBuilder Radishes, and 3% Appin Turnips. Beck’s Corn Champion Mix has the ability to produce, store and release large amounts of nitrogen. It can also break up layers of compaction, and this mix works well when planted ahead of corn.
Beck’s Superior Hybrids, Inc.
www.beckshybrids.com

Beck’s Crimson Clover consists of AU Robin Crimson Clover. This legume produces nitrogen and stimulates your soil health. It also works well in mixes.
Beck’s Superior Hybrids, Inc.
www.beckshybrids.com

Beck’s GroundBuilder Radishes produce large root masses that can shatter compaction and scavenge nitrogen and nutrients deep within the soil. Beck’s GroundBuilder Radishes will leave little to no residue after winter kill, which allows for warmer soils at planting.
Beck’s Superior Hybrids, Inc.
www.beckshybrids.com

Beck’s Oat Radish Mix is a combination of 90% Spring Oats and 10% Beck’s GroundBuilder Radishes. This product provides the deep, large rooting potential of the radish and the fibrous root system of the oats. This quick growing cover crop mix, which earthworms love, will winter kill after helping break up soil compaction and reducing soil erosion.
Beck’s Superior Hybrids, Inc.
www.beckshybrids.com

Beck’s Winter Mix is a combination of 95% Cereal Rye and 5% Dwarf Essex Rapeseed. This combination offers a deep, fibrous root system that will help prevent soil erosion and weed competition from winter annuals.
Beck’s Superior Hybrids, Inc.
www.beckshybrids.com

Bio-Forge® Advanced is a concentrated formulation of Bio-Forge with additional humic acid that has all the performance benefits of Bio-Forge reformulated to work as an effective seed treatment.
StollerUSA
www.stollerusa.com

Bio-Strain™ is a microbial package for row crops and produce that contains nine different strains of bacteria.
Monty’s Plant Food
www.montysplantfood.com

Bio-YIELD® is a patented, beneficial microbe delivery system. The microbes are sealed in a protected package which the farmer then activates 24 hours before planting with a simple push of a button. Once activated, the microbes rapidly multiply into billions within 24 hours. The
product can then be applied in-furrow with other liquids or as a seed coat.

3Bar Biologics Inc.
www.3barbiologics.com

Boron Plus® is designed as a source of boron to treat or prevent deficiencies for all field and row crops. Boron Plus has a neutral pH and can be applied at an ultra low application rate.

DeltAg Formulations
www.seedcoat.com

Capture®, 3RIVE 3D™ offers the agronomic traits of Capture® LFR® insecticide in a formulation designed exclusively for use with the 3RIVE 3D delivery system. Capture 3RIVE 3D creates a continuous zone of protection against many soilborne pests while overcoming issues like container handling, inconvenience, high water volume and weight on the planter, to ultimately plant up to 500 acres without refilling.

FMC Corporation
www.fmccrop.com

Carbose is a unique blend of sugars that are immediately available to the plant. Carbose includes several bacteria species that are integral to the process of converting available carbon sources into additional available sugars.

Genesis Ag, LLC.
www.genesis.ag

CIH 7 in. Tiger Points can create a root environment that reduces plant stress and maximizes the potential for higher yields. The Case IH Tiger Point wings do more than just cut a slot in the compaction layer. In both wet and dry conditions, they create a turbulent lifting and twisting action below the soil surface that aggressively fractures compaction between the shanks and relocates soil particles.

Case IH
www.partstore.caseih.com

licheniformis, a naturally occurring bacteria, with properties that result in larger root systems, improved water use efficiency, increased phosphorus solubility for better nutrient uptake, and improved plant defense against abiotic stresses. Approximately one trillion spores are delivered per acre.

FMC Corporation
www.fmccrop.com

Carboz® 3RIVE 3D™ offers the agronomic traits of Capture® LFR® insecticide in a formulation designed exclusively for use with the 3RIVE 3D delivery system. Capture 3RIVE 3D creates a continuous zone of protection against many soilborne pests while overcoming issues like container handling, inconvenience, high water volume and weight on the planter, to ultimately plant up to 500 acres without refilling.

FMC Corporation
www.fmccrop.com

Capture® LFR® is a liquid, at-plant insecticide that puts down a zone of protection and controls pests before seed damage ever takes place. It controls seed and seedling pests such as wireworm, cutworm, grubs, armyworm, seed corn maggot and common stalk borer. The full-use rates provide control of corn rootworms as well as the many seed and seedling insects.

FMC Corporation
www.fmccrop.com

Capture® LFR® Insecticide + VGR® Soil Amendment delivers full spectrum insect control, increased water efficiency, and better nutrient availability throughout the season. This results in stronger, more uniform stands to increase yields. VGR® Soil Amendment contains a specific strain of Bacillus

The Capello® Quasar Corn Head has a wide-range of configuration options including folding or rigid frames, chopping or standard row units, and a choice of color schemes.

Capello USA
www.capellousa.com

Capreno® herbicide controls more than 65 grass and broadleaf weeds with a long-lasting residual for post-emergence control. Capreno combines multiple modes of action with a safener for complete weed control in field corn (dent) and corn grown for grain or silage. Capreno can also be used as a one-pass weed control system.

Genesis Ag, LLC.
www.genesis.ag

CIH 7 in. Tiger Points can create a root environment that reduces plant stress and maximizes the potential for higher yields. The Case IH Tiger Point wings do more than just cut a slot in the compaction layer. In both wet and dry conditions, they create a turbulent lifting and twisting action below the soil surface that aggressively fractures compaction between the shanks and relocates soil particles.

Case IH
www.partstore.caseih.com

Carboz® 3RIVE 3D™ offers the agronomic traits of Capture® LFR® insecticide in a formulation designed exclusively for use with the 3RIVE 3D delivery system. Capture 3RIVE 3D creates a continuous zone of protection against many soilborne pests while overcoming issues like container handling, inconvenience, high water volume and weight on the planter, to ultimately plant up to 500 acres without refilling.

FMC Corporation
www.fmccrop.com

Capture® LFR® is a liquid, at-plant insecticide that puts down a zone of protection and controls pests before seed damage ever takes place. It controls seed and seedling pests such as wireworm, cutworm, grubs, armyworm, seed corn maggot and common stalk borer. The full-use rates provide control of corn rootworms as well as the many seed and seedling insects.

FMC Corporation
www.fmccrop.com

Capture® LFR® Insecticide + VGR® Soil Amendment delivers full spectrum insect control, increased water efficiency, and better nutrient availability throughout the season. This results in stronger, more uniform stands to increase yields. VGR® Soil Amendment contains a specific strain of Bacillus

licheniformis, a naturally occurring bacteria, with properties that result in larger root systems, improved water use efficiency, increased phosphorus solubility for better nutrient uptake, and improved plant defense against abiotic stresses. Approximately one trillion spores are delivered per acre.

FMC Corporation
www.fmccrop.com

Carboz® 3RIVE 3D™ offers the agronomic traits of Capture® LFR® insecticide in a formulation designed exclusively for use with the 3RIVE 3D delivery system. Capture 3RIVE 3D creates a continuous zone of protection against many soilborne pests while overcoming issues like container handling, inconvenience, high water volume and weight on the planter, to ultimately plant up to 500 acres without refilling.

FMC Corporation
www.fmccrop.com

Capture® LFR® is a liquid, at-plant insecticide that puts down a zone of protection and controls pests before seed damage ever takes place. It controls seed and seedling pests such as wireworm, cutworm, grubs, armyworm, seed corn maggot and common stalk borer. The full-use rates provide control of corn rootworms as well as the many seed and seedling insects.

FMC Corporation
www.fmccrop.com

Capture® LFR® Insecticide + VGR® Soil Amendment delivers full spectrum insect control, increased water efficiency, and better nutrient availability throughout the season. This results in stronger, more uniform stands to increase yields. VGR® Soil Amendment contains a specific strain of Bacillus

licheniformis, a naturally occurring bacteria, with properties that result in larger root systems, improved water use efficiency, increased phosphorus solubility for better nutrient uptake, and improved plant defense against abiotic stresses. Approximately one trillion spores are delivered per acre.
Contour tile drainage is drainage tile that is installed to follow the natural elevation of the ground for better drainage. In this case, the 3 in. laterals are on 15 ft. centers to improve drainage.

Controlled water table is a drainage system set up with 15 ft. contour tile drainage to remove excess water out of the profile. It has a gated system that holds water in the tile lines for times of greater water demand. The gate in this case is a piece of PVC pipe that is slid into an elbow from the outlet that holds the water back in the system.

Copperhead Ag Furrow Cruiser® Spiked Closing Wheels were designed by farmers to eliminate the sidewall compaction created by the opening systems of modern planters. They also provide control so that they are operable in any planting condition without negative results.

Copperhead Ag. www.copperheadag.com

Corvus® is a selective herbicide for control of broadleaf and grass weeds in corn. Corvus has both burndown and residual activity, and is reactivated in the soil with rainfall. Corvus can be applied pre-plant, pre-emergence, or early post-emergence, and has excellent crop safety due to the inclusion of CSI™ Safener Technology.

Bayer CropScience www.cropscience.bayer.us

CropX Moisture Sensor collects data at both 8 in. and 16 in. depths in the soil profile. The CropX sensor feeds this information back to an online account where the user can access the information and adjust their irrigation practices accordingly.

CropX www.cropx.com

Cryptomyte is a complex nutrient blend specifically designed for late season foliar applications to give plants the energy needed to complete their reproductive stage and maximize yield potential.

Genesis Ag, LLC. www.genesis.ag

Delaro™ 325 SC is a broad spectrum fungicide for control or suppression of diseases on lentils, chick peas, field peas and soybeans. This fungicide provides control of Asian soybean rust, frogeye leaf spot, and brown spot, as well as suppression of phomopsis stem blight, charcoal rot, and white mold.

Bayer CropScience www.cropscience.bayer.us

Drip-irrigation involves drip lines with emitters beneath the soil surface. The emitters are located every 18 in. along the line and the line is typically spaced at 60 in. widths. This system involves regulators that control the pressure to allow control of the volume of water output through the drip lines.

Netafim www.netafim.com

Eezy™ K24 is a unique, potassium-based fertilizer formulated with an organic acid for absorption into the cell membrane. Plants utilize both the potassium and acetate molecules to increase absorption and aid in plant development.

The Andersons, Inc. andersonsplantnutrient.com

Envigor™ is a patented combination of osmo-protectants that help plants survive in periods of water related stress. These secondary nutrients create increased protein stability, increased water use efficiency, and improved recovery from abiotic stresses. Envigor helps plants retain more water and use it more efficiently, which adds yield to crops in both stressed and unstressed conditions.

Elemental Enzymes Ag & Turf, LLC. www.elementalenzymes.com
**Enviroboost** is a combination of proprietary organic acid compounds and plant growth stimulants that are designed to promote cell division. This product can be applied in-furrow or at pre-plant to promote early root and plant growth.

Genesis Ag, LLC.  
www.genesis.ag

**Environoc® 401** is a consortium of 29 strains of live bacteria. These bacteria fix nitrogen, stimulate root growth, solubilize nutrients, and increase seedling vigor.

Biodyne Midwest LLC.  
www.biodyne-midwest.com

**Enzyme Max** contains balanced minerals, humic acids and other essential nutrients. This advanced composition promotes root growth and helps break down salt and soil compaction. It is designed to release “tied up minerals” in the soil, increase nutrient uptake, and increase microbial activity.

Royal-Grow Products, LLC.  
www.royal-grow.com

**Escalate SDS** has all the benefits of Escalate™ plus a full rate of ILeVO® for protection from Sudden Death Syndrome (SDS) in soybeans. Working from the early part of the season to protect the root zone, it greatly reduces the infection from *Fusarium virguliforme*, the fungus that causes SDS. It also aids in protection against soybean cyst nematode (SCN).

Beck’s Superior Hybrids, Inc.  
www.beckshybrids.com

**Escalate™ yield enhancement system** is a proprietary mix of yield enhancing products that comes standard on all Beck’s seed at no additional cost. The highest quality ingredients from multiple sources are used to create our unique mix of fungicides, insecticides, and a biological and/or biostimulant. Escalate utilizes the highest rates of fungicides in the industry, allowing for early-season planting, as well as improved plant stands, vigor and yield. By incorporating extensive quality control measures, Escalate provides an added yield benefit compared to untreated seed and other industry standard treatments.

Beck’s Superior Hybrids, Inc.  
www.beckshybrids.com

**Ethos® XB** is an insecticide/fungicide formulated with the patented Liquid Fertilizer Ready technology from FMC. It combines the active ingredient of Capture® LFR® insecticide with a broad spectrum biofungicide. The activity of the biofungicide in Ethos XB insecticide/fungicide builds over time as spores germinate and colonize roots and root hairs. Insect defense includes: corn rootworms, wireworms, grubs, seed corn maggots, cutworms and common stalk borers. Disease defense includes: Fusarium, Pythium, Rhizoctonia and Phytophthora.

FMC Corporation  
www.fmccrop.com

**Ethos® 3RIVE 3D™** offers the agronomic traits of Ethos® XB insecticide/fungicide in a formulation designed exclusively for use with the 3RIVE 3D delivery system. Ethos 3RIVE 3D creates a continuous zone of protection against many soilborne pests while overcoming issues like container handling, inconvenience, high water volume and weight on the planter, to ultimately plant up to 500 acres without refilling.

FMC Corporation  
www.fmccrop.com

**eXceed™ Nano Brown Sugar** contains humic acid, molybdenum, and brown sugar. This product helps raise glucose levels in crops, increase microbial activity in soil, increase absorption of essential minerals, and provides nutrition and energy to the plant.

Max Systems LLC.  
www.maxsystemsag.com
**Exodus** is a corn starter combination of nitrogen, phosphorus, potassium, and select micronutrients that are balanced for the early needs of your corn plants. It also contains a chelation technology that keeps these nutrients in plant available form and maximizes the uptake of this nutrition by your plants throughout the season.

Genesis Ag, LLC.  
www.genesis.ag

**EXP** is a foliar blend of nitrogen, phosphorus, Poly-Electrolytes, Carboxyl and Phenolate acids, as well as a proprietary cellular growth promoter. This technology, applied with appropriate foliar micronutrients, will improve photosynthesis and leaf growth. It will also promote grain, pod, or boll retention in your crop.

Genesis Ag, LLC.  
www.genesis.ag

**Exude** is a soybean starter combination of phosphorus, potassium, select micronutrients, and a chelation technology that keeps the plant nutrients in an available form and maximizes nutrition uptake throughout the season.

Genesis Ag, LLC.  
www.genesis.ag

**Feast® Micro Master®**  
Chelated Calcium 3.0% is a liquid, secondary nutrient that is used as a supplement in complete fertility programs for specified crops.

Conklin Company, Inc.  
www.conklin.com

**Feast® Micro Master®**  
Complexed Boron 10.0% is 5 to 10 times more efficient than inorganic sources and is designed for co-application with starter or foliar fertilizers.

Conklin Company, Inc.  
www.conklin.com

**Feast® Side-Kick® 0-0-25**  
w/17S (Potassium Thiosulfate Solution) can be used in soil and foliar applications. Applications of Feast Side-Kick should be made based on soil and/or plant tissue analysis for potassium and/or sulfur.

Conklin Company, Inc.  
www.conklin.com

**Feast® Yield Master® 3-18-18** is an absolutely clear liquid true solution with product specifications such as a low salt index, high solubility, low-biuret, high purity, and is non-corrosive to farm equipment.

Conklin Company, Inc.  
www.conklin.com

**Feast®-XL 26-0-0 w/0.5B** boosts photosynthesis in essential growth stages, enhances growth and vigor of plants, and is non-corrosive to equipment. Feast-XL is specifically formulated for foliar applications only.

Conklin Company, Inc.  
www.conklin.com

**Feed grade dextrose** is a form of glucose used as a sweetener and energy source in animal feed products.

**Fertigation** is the process of adding fertilizer to the water in an irrigation system to feed the nutritional demands of the crop.

**Fierce® XLT** is a broad spectrum, pre-emergent soybean herbicide with three active ingredients. It provides control of small and large-seeded broadleaves (including ragweeds), as well as annual grasses. It is also effective against Palmer amaranth.

Valent U.S.A. Corporation  
www.valent.com

**First Pass® with MicroCarb ZMB™ (3-5-15)** is an in-furrow starter fertilizer specifically formulated to maximize your soybean yields. It provides early-season nutrients, encourages early flowering and maturity, and promotes canopy development to suppress weeds.

The Andersons, Inc.  
andersonsplantnutrient.com
**Foliar X-CYTO®** is an EPA registered plant growth regulator that speeds cell growth and division, improves root systems, increases photosynthetic activity, and generates faster maturity and higher yields.

Conklin Company, Inc.
www.conklin.co

**Fortalis®** is an advanced, proven crop enhancement foliar spray for soybeans. CaT™ technology mobilizes calcium within the plant for better fixation of flowers and pods. This product is physically and biologically compatible with leading fungicides and insecticides.

Plant Impact Plc.
www.plantimpact.com

**FurrowJet™** is a new planter fertilizer attachment that accurately places liquid fertilizer in ideal locations for nutrient absorption. The attachment integrates a dual-band near furrow (three-quarter inch) placement with an optional third band in-furrow for maximum plant uptake and rate flexibility. The attachment mounts behind the seed tube to Precision Planting’s quick-attach Keeton firmer bracket. It rides in the furrow right behind an integrated seed firmer with wings that slice the furrow sidewall to apply liquid fertilizer near the seed on both sides of the furrow.

Precision Planting, LLC.
www.precisionplanting.com

**Generate®** stimulates microorganisms that free up macro and micronutrients stored in the soil. Generate® can be used in-furrow, as a sidedress at planting, or as a foliar broadcast.

Agnition
www.agnition.com

**Graph-Ex SA™** for soybeans is an inoculant (seed treatment) that contains a specially formulated blend of Excalibre™ Soybean Inoculant plus SabrEx™ Root Inoculant formulated in a talc-graphite carrier. Graph-Ex SA™ for soybeans is comprised of both proprietary beneficial bacteria (Bradyrhizobia) and beneficial fungi (Trichoderma) that provide a more efficient use of soil nutrients for the host plant.

Advanced Biological Marketing
www.abm1st.com

**Headline AMP®** fungicide provides two modes of disease control. The first helps prevent diseases and the second is a triazole that provides post-infection disease control. One of the active ingredients in Headline AMP fungicide is F500®, a unique, advanced chemistry that delivers well-documented plant health benefits. F500 helps plants grow more efficiently and allows them to focus their energy on producing higher yields.

BASF Corporation
www.agproducts.basf.us

**ILeVO®** seed treatment is the only solution for Sudden Death Syndrome (SDS) that also has activity against nematodes. It protects the root system against the SDS fungus and has activity on nematodes in the seed zone.

Bayer CropScience
www.cropscience.bayer.us

**Immerse** is a liquid technology soil and foliar supplement. This ocean solution instantly enhances the immune system of the plant, providing an energy boost and plant growth. These highly proportioned minerals are proactively capable of re-energizing the plant instantly.

Genesis Ag, LLC.
www.genesis.ag

**Instigo** is a soybean foliar nutrition product designed to enhance nitrogen metabolism and protein development, promote uniform maturity and production, and enhance plant strength and resistance to drought and temperature extremes.

Genesis Ag, LLC.
www.genesis.ag
iNvigorate® is a soil-applied, proprietary liquid solution that promotes a highly productive microbial system in the soil to support plant health and yield. The microbial community used to produce iNvigorate contains a consortium of aerobic and anaerobic microbial strains.
Agrinos
www.agrinos.com

K-Gen is an available, super potassium that can be sprayed on the crop during critical reproductive phases to enhance K uptake and utilization.
Genesis Ag, LLC.
www.genesis.ag

Liberty® is a non-selective herbicide for grasses and tough-to-control, resistant broadleaf species. The active ingredient in Liberty herbicide is glufosinate-ammonium.
Bayer CropScience
www.bayercropscience.us

Liquid Boron 10% is effective as a readily available source of boron for soil, foliar and aerial applications. Offering flexibility of use, it is compatible with most pesticides.
Winfield Solutions, LLC.
www.winfieldunited.com

M

Mantico® LFR® in-furrow fungicide/insecticide is an in-furrow product for protection against early-season corn diseases and below-ground insect pests like corn rootworm. It comes in one liquid fertilizer-ready (LFR) formulation.
BASF Corporation
www.agproduct.basf.us

Marauder® Soybean Inoculant System is an all-liquid bundle containing a high concentrate of America’s Best Inoculant® and liquid extender/polymer plus an additional liquid, live biological performance enhancer. It reduces seed bridging and sticking, especially when applied with fungicides or insecticides.
Advanced Biological Marketing
http://www.abm1st.com/

Martin Dual UMO 2x2x2 fertilizer opener mounts directly to the planter unit. The lateral spacing from the seed can be 1", 2", or 3", and there are three vertical settings that allow fertilizer to be placed 3/4" above, even with, or 3/4" below seed depth.
Martin Industries, LLC.
www.martinandcompany.com

Martin Spading-Closing Wheels (Martin Spades) move soil toward the seed at the correct planting depth, while lifting and fracturing the surface layer to achieve a compaction-free closing of the seed trench in wet, hard, or sod conditions. Planting can be done at the proper depth, even in wetter conditions, without fear of crusted soil above the seed preventing emergence.
Martin Industries, LLC.
www.martinandcompany.com

MAX-IN® Ultra Manganese is an effective foliar product that supplies manganese, which is vital for increased plant health and growth. MAX-IN Ultra Manganese plant nutrients can be used on many crops including soybeans, dry beans, fresh beans, and peanuts. It contains a patented, crop-based adjuvant system for maximum nutrient efficacy.
Winfield Solutions, LLC.
www.winfield.com

MicroAZ-IF Liquid™ is an in-furrow azospirillum inoculant for corn. Azospirillum is a root stimulating, nitrogen fixing bacteria. MicroAZ-IF Liquid is tank mix compatible with most starter fertilizers.
TerraMax, Inc.
www.terramaxag.com

MicroAZ-ST Dry™ contains two species of a beneficial bacteria, Azospirillum brasiliense and lipoferum. This
product is used to stimulate germination and rooting, which can lead to increased plant stands, root mass and yield. The microorganisms in MicroAZ-ST Dry are naturally occurring and will not harm the environment.
TerraMax, Inc.
www.terramaxag.com

**MicroBlitz™** is a micronutrient formulation for foliar or soil applications for all crops. MicroBlitz is formulated with a unique carbon source designed to enhance nutrient uptake. MicroBlitz has an analysis of 11-8-5 plus select micronutrients.
The Andersons, Inc.
andersonsplantnutrient.com

**MicroBoom** is a complex micronutrient pack made up of eight soluble, high quality, rapidly dissolving pre-chelated micronutrients. Pre-chelating means that the micronutrients won’t “tie-up” with other minerals in your soil and become unavailable to your plants. For better plant absorption, this formulation also contains a non-ionic surfactant.
Genesis Ag, LLC.
www.genesis.ag

**MicroBoost™** MICROMIX Liquid can be applied in-furrow, as a pop-up, or foliar (center pivot injection, ground, or aerial) with water or NPK fertilizers. This mix contains the following micronutrients: Ca, Mg, B, Cu, Fe, Mn, and Zn.
Max Systems LLC.
www.maxsystemsag.com

**MicroCarb ZMB™** contains carbon substances from vegetable origins that increase soil cation exchange capacity, improving nutrient availability. MicroCarb ZMB also contains natural plant extracts which promote root development, as well as the growth and fruiting capability of plants.
The Andersons, Inc.
andersonsplantnutrient.com

**MicroEssentials® SZ™ (12-40-0-10S-1Zn)** is a proprietary fertilizer specially formulated for use on most crops. Through their patented Fusion® technology process, nitrogen, phosphorus, sulfur and zinc are fused into one nutritionally balanced granule, creating a single source for balanced crop nutrition. MicroEssentials SZ greatly reduces sulfur losses found in typical fertilizer blends by providing two forms of sulfur (sulfate sulfur and elemental sulfur). The unique chemistry and proper nutrient ratio of MicroEssentials promotes uniform nutrient distribution, improved nutrient uptake, and season-long sulfur availability.
The Mosaic Company
www.microessentials.com

**Microhance™** is a unique blend of N, S, B, Fe, Mn, and Zn that provides nutrients to the plant at a critical growth stages, ultimately maximizing the plant’s yield.
Monty’s Plant Food
www.montysplantfood.com

**MicroNourish®** is a micronutrient formulation for foliar or soil applications for all crops. It is formulated with a unique carbon source designed to enhance nutrient uptake and has an analysis of 4-0-0-3S-0.25B-3Mn-3Zn.
The Andersons, Inc.
andersonsplantnutrient.com

**MicroSul 503B** is a unique foliar fertilizer blend of liquid zinc, manganese, boron, and sulfur. It contains 5.0% zinc, 3.0% manganese, 0.5% boron, and 4.2% sulfur.
Prescription Agronomics, LLC.
www.prescriptionag.com

**Monty’s® Liquid Carbon™** is a soil conditioner designed to improve overall soil health by reducing soil compaction, enhancing micronutrient uptake, and enhancing residue breakdown.
Monty’s Plant Food
www.montysplantfood.com
Mustang® Maxx is an insecticide that controls more than 100 pests on 200 crops including soybeans, corn, alfalfa, rice, wheat, sunflowers and pasture. Its enhanced pyrethroid chemistry works on contact for at-plant, pre or post-emergence applications.
FMC Corporation www.fmccrop.com

N-Boost® 5 is formulated with 5% nitrogen and a patented fermentation extract that is derived from sugarcane. This extract helps boost nutrient uptake and utilization, increases plant vigor, improves size uniformity, enhances quality and yield, and reduces nutrient leaching and runoff.
Brandt Consolidated, Inc. www.brandt.co

N-crease™ is a unique blend that optimizes nutrient use efficiency for young seedlings, provides better stress tolerance and yield potential, and builds and boosts existing soil microorganism populations. It also aids in germination, promotes root development and growth, and improves overall plant health.
Innova Performance Products innovaperformanceproducts.com

N-Place™ is a surface sealing system designed to place nitrogen closer to the row and cover it with soil. The N-Place unit utilizes two disc openers to place loose soil over the nitrogen immediately after placing it near the row. This unit is designed to be utilized on every other row of the toolbar.
Nitrogen Sealing Systems nitrogensealingsystems.com

N-Serve® is a nitrogen stabilizer that protects your investment by storing nitrogen in the root zone longer to optimize the yield and profit potential of corn, cereal, and canola crops.
Dow AgroSciences, LLC. dowagro.com/en-us/usag

NACHURS imPulse® is a clear liquid fertilizer that is comprised of 100% orthophosphate and contains Bio-K® technology. The NPK analysis of the product is 10-18-4.
NACHURS ALPINE SOLUTIONS www.nachurs.com

NACHURS SoyGrow® liquid fertilizer is manufactured with 100% fully EDTA chelated iron, magnesium, manganese, and zinc. Unlike other micronutrient sources such as complexes, partial chelates, and natural organic complexes, NACHURS EDTA chelated micronutrients are 100% available to the crop.
NACHURS ALPINE SOLUTIONS www.nachurs.com

NanoZyme 2.0 contains balanced minerals and humic acids with other essential nutrients. This composition helps break down salts as well as alleviate soil compaction to release minerals tied up in the soil. Specially cultured SEBS soil microbes decompose chloride and other sodium based salt that interferes with soil pH. NanoZyme 2.0 will help balance the soil pH and assist in increasing nutrient and fertilizer uptake for healthier plant growth.
Max Systems LLC. www.maxsystemsag.com

NutriStart (7-22-5-.25Zn) is a planter-banded fertility product with application flexibility of various 2x2 and in-furrow applications. NutriStart (7-22-5-.25Zn) is manufactured with high quality, liquid Poly/Ortho phosphate, potassium-soluble K2O and EDTA chelated zinc. Marco offers numerous NutriStart blends to meet various planter banded fertility needs.
Marco N.PK. Inc. www.marconpk.com

Optill® PRO (Premium Residual Option) herbicide combines Optill® herbicide, powered by the Kixor® herbicide technology, with the same active ingredient as in Outlook® herbicide.
This combination provides a complete foundation for soybean farmers to help manage resistant weeds. Three overlapping sites of action deliver rapid burndown and residual control of tough broadleaf weeds and grasses, such as glyphosate-resistant waterhemp and Palmer pigweed.

BASF Corporation
www.agproduct.basf.us

OptiStart®/Climb is a clear liquid corn starter containing both orthophosphate and polyphosphate. Orthophosphates are readily available to the plant and the polyphosphates convert to orthophosphates. Polyphosphates help keep micronutrients in solution and lower the salt-out temperature of the mixture. It also provides nitrogen, phosphate, potassium, sulfur, zinc and manganese to energize young plants for vigorous, early growth in cooler spring soils.

Winfield Solutions, LLC.
www.winfield.com

Over The Top™ Soybeans w/ Potash is a formulation of major and micronutrients designed for use on soybeans and other legume crops. It is fortified with low molecular weight organic acids and natural plant extracts.

AgBio Logic, LLC.
www.agbiologic.com

P

P Max® LFS is a phosphate fertilizer additive. When mixed with liquid fertilizers containing phosphate, P Max LFS increases phosphate efficiency and plant uptake.

Rosen's Inc.
www.rosensdiversifiedinc.com

P Max® Plus is a phosphate protected, complete row starter formulated as a blend of macro and micronutrients. It has an analysis of 7-20-3 with copper, iron, manganese and zinc.

Rosen's Inc.
www.rosensdiversifiedinc.com

PCT Corn Foliar Xtra is a foliar product that includes EDTA chelated micronutrients, N-P-K, plant growth regulators, additional phosphite, and sugars.

Progressive Crop Technologies, Inc. (Trupointe Cooperative)
www.pctnutrients.com

PCT Soybean Foliar Xtra is a foliar product that includes EDTA chelated micronutrients, N-P-K, plant growth regulators, additional phosphite, and sugars.

Progressive Crop Technologies, Inc. (Trupointe Cooperative)
www.pctnutrients.com

Pendant™ 3.3 EC is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. It will not control established weeds. It is effective on barnyardgrass, carpetweed, crabgrass, foxtail, lambsquarter, panicum, pigweed, seedling johnsongrass, waterhemp, and many other weed species.

Winfield Solutions, LLC.
www.winfield.com

Phosfix™ is a 7-4-9 product that enhances crop vigor, increases crop health, and mixes well with most pesticides.

The Andersons, Inc.
andersonsplantnutrient.com

Pivot-irrigation is the most widely used irrigation system in row crop production. It is an overhead pivot that irrigates the crop as a broadcast application.

Valley Irrigation
www.valleyirrigation.com
**Poncho®/VOTIVO®** seed treatment protects young plants from pests during critical early development stages, leading to healthier root development and stronger stands. When applied directly to the seed, Poncho/VOTIVO protects the whole plant, both above- and below-ground, preventing damage to early-season seedlings and roots before pests can strike.

Bayer CropScience  
www.bayercropscience.us

**Posi-Close** wheels are designed to work well in conventional or no-till operations to prevent problems associated with planting into wet conditions. Their unique, patented design allows more pressure to be applied to the press wheels without the formation of a crust or sidewall compaction.

Schlagel Mfg.  
www.schlagel.net

**Preemptor™ SC** fungicide is a new combination fungicide that lets you spray once – whenever and however you want – and protects your corn and soybeans all season long. Preemptor SC offers a fast-acting strobilurin, combined with the longest lasting triazole, to protect against a wide range of diseases including leaf spot, leaf blight, rust, powdery mildew, stem rot, anthracnose and more.

FMC Corporation  
www.fmccrop.com

**Prefix®** is a residual herbicide that includes fomesafen, combined with S-metolachlor, for control of broadleaf weeds and grass in soybeans. By providing timely weed control using two unique modes of action, Prefix is a solution for controlling glyphosate and ALS-resistant weeds. Prefix may be applied as a pre-plant, pre-plant incorporated, pre-emergence, or post-emergence treatment in soybeans.

Syngenta Group Company  
sygentacropprotection.com

**Priaxor® fungicide** is designed to protect plants from a large variety of fungi in various crops including corn, soybeans and wheat. It is powered by Xemium® fungicide, an active ingredient that continuously distributes its unique chemistry throughout the leaf to help deliver long-lasting disease protection. Priaxor fungicide is a combination of this advanced chemistry and F500®, the same active ingredient in Headline® fungicide.

BASF Corporation  
www.agproducts.basf.us

**Pro-Line® 480 SC** fungicide is an effective fungicide with a triazole active ingredient from Bayer. This fungicide targets key pests of Cercospora leaf spot, septoria brown spot, sclerotinia, and rhizoctonia.

Bayer CropScience  
www.bayercropscience.us

**PureGrade® Diamond 6-24-6** is a 100% orthophosphate, low-salt liquid fertilizer. Phosphorus in this form is immediately available to the plant. Under stressful conditions, such as cold soil temperatures, the phosphorus is ready once the roots are able to take up nutrients.

The Andersons, Inc.  
andersonsplantnutrient.com

**QuickGrow Elite** (8-27-4-2.7S-.25Zn) is an at-planting fertility blend manufactured with high quality liquid Poly/Ortho phosphate, low salt potassium, low salt sulfur and EDTA chelated zinc. QuickGrow Elite is an economical, seed safe, in-furrow fertility offer.

Marco NPK Inc.  
www.marconpk.com
Restore™ is a carbon-based product that contains high amounts of energy and oxygen. It is a product that is used in-furrow at planting to enhance seed germination, build roots, and give farmers the ability to reduce the amount of salt-based fertilizers required. Restore does not contain salt and is used on a wide range of crops. It feeds the soil and plant biology which increases available nutrients and improves soil structure.
CarbonWorks, Inc.
www.carbonworks.com

RhizoSpear™ is a mix of micronutrients, biostimulants, amino acids, special sugars, and urea phosphite that encourage early plant growth and healthy stands.
SPNC Corp.
www.soilandplantcare.com

RizNate™ is a biological seed and seed-trench inoculant for soybeans. RizNate is densely packed with several hand-selected microbial species. There are over one million species in a single tablespoon of RizNate that include bacterial populations that may be beneficial in promoting nodulation in legumes and mycorrhizal fungi populations which are known to dramatically increase root mass, and water and nutrient uptake.
Genesis Ag, LLC.
www.genesis.ag

Rowbot is redefining what’s possible for farmers by using robotics. Their first machine is a small, self-driving, multi-use platform that travels between rows of corn, removing height constraints imposed by a rapidly growing crop. The Rowbots can work in teams to apply nitrogen fertilizer in sync with corn needs, interseed cover crops into tall corn, and collect data to inform both current and future work.
Rowbot Systems
www.rowbot.com

S

S.I. Distributing Finger-Till is a steel closing wheel that is lighter than cast iron closing wheels. The spikes fracture the seed trench sidewalls to reduce compaction and the interior fins break up clods and fine up the topsoil. This combination promotes fast seed emergence in both wet and extremely dry no-till planting conditions.
S.I. Distributing, Inc.
www.sidist.com

Schaffert 4 Link Closer keeps the press wheels from moving in or out over the furrow as the row unit flexes and takes the bounce out of row units when planting above 5 mph. The 4 Link Closer creates better seed-to-soil contact for more uniform emergence and even depth control of the planter unit.
Schaffert Mfg. Co., Inc.
www.schaffert.com

Schaffert Zipper™ closing wheels feather the soil in the seed V with their wide track design. They also break up compaction without being too aggressive. The 1 in. spike will not get too close or disturb seed. This wheel has long wear with its heavy duty cast steel spikes.
Schaffert Mfg. Co., Inc.
www.schaffert.com

Schaffert Mohawk™ closing wheels feather the soil in the seed V with their wide track design. They also break up compaction without being too aggressive. The 1 in. spike will not get too close or disturb seed. This wheel has long wear with its heavy duty cast steel spikes.
Schaffert Mfg. Co., Inc.
www.schaffert.com
Season Pass® GoldStart® with AVAIL® (6-18-6) is a high quality starter placed directly on corn seed at a low volume rate with a non-corrosive material. Not only does it allow for timely, hassle free plantings, but it also delivers an 80/20 ratio of ortho-to-polyphosphate fertilizer to maximize yields during critical growth stages. With 5.0 gal. of Season Pass GoldStart, you will be placing 10 lb. of phosphorus, in-furrow to feed the corn plant and maximize yields.

The Andersons, Inc. andersonsplantnutrient.com

Seed-Squirter® is a starter fertilizer placement system that can be installed on many planters. This system is synced with a seed tube sensor to precisely place fertilizer where the seed needs it.

CapstanAG™
www.capstanag.com

Sentry contains beneficial plant nutrients that have shown to have defensive traits against some detrimental pathogens and bacteria. Sentry builds and fortifies plants’ immune systems while promoting a healthy growing environment.

Genesis Ag, LLC.
www.genesis.ag

Serenade® ASO fungicide is designed to protect against the effects of soil and foliar bacterial and fungal diseases.

Applied in-furrow at planting, it quickly builds a disease protection zone around the seed. As the plant’s roots grow, the beneficial bacteria in Serenade ASO grow with them, expanding the disease protection zone. Serenade ASO attacks diseases in the soil including Pythium, Rhizoctonia, Fusarium and some strains of Phytophthora. It activates the plant’s natural defenses by priming systemic responses in the plant to promote plant growth and stress resistance.

Bayer CropScience
www.bayercropscience.us

Serval contains a unique pair of enzymes that have a synergistic relationship. One enzyme degrades large-chain polysaccharides in the soil from residue to make them available as a carbon source for both the plants and beneficial microbes, as well as increasing overall microbial activity in the soil. The second enzyme increases root branching and overall root growth, increasing nutrient solubilization and uptake by greater root surface area interaction.

Elemental Enzymes Ag & Turf, LLC.
www.elementalenzymes.com

Shred Select stalk rolls are patent pending, differential speed stalk rolls. Shred Select stalk rolls can be customized according to your needs for variable shredding and slicing, and can slice stalks without adding expensive components and the modular design makes it easy and cost effective.

Kingdom Ag Concepts, Inc. www.shredselect.com

SoilWarrior® X is the premier strip-till and nutrient placement system. The SoilWarrior X row unit uses a large cog and coulters to provide deep tillage in the fall and vertical shallow tillage in the spring. The system can also simultaneously incorporate fertilizer into the tilled zones using variable rate technology (VRT).

Environmental Tillage Systems, Inc. www.soilwarrior.com

Start Right is a formulation of nutrients sequestered in a concentrated organic acid. It is fortified with a carbon synergist, fermented plant extracts, seaweed species Ascophyllum nodosum and Chondrus crispus, and select soil bacteria. Start Right can be applied at planting or as an early sidedress.

AgBio Logic, LLC. www.agbiologic.com

Stratego® YLD fungicide features the latest in triazole technology for corn and soybeans. Offering two modes of action, it provides both preventive and curative activities and systemic
movement to provide broad-spectrum, long-lasting disease control and higher yield potential. Stratego YLD can be applied to soybeans or to corn either early in the season and/or at tassel.

Bayer CropScience
www.bayercropscience.us

Sub-Irrigation is where water is back-fed through tile into the soil profile. Sub-irrigation can be controlled manually or by a soil moisture sensor. Manual subirrigation is conducted by using evapotranspiration, by using soil conditions and weather forecasts to decide when water is needed. Sensor-based sub-irrigation is conducted using a soil moisture sensor that triggers a response if a field’s water holding capacity drops below a certain percentage to determine when water is needed. Most sensors can also feed information back to an online website that shows what the sensor is reading at various depths.

AGREM, LLC.
www.agrem.com

SuperCal 98G is a superior grade lime product that spreads cleanly and easily, allowing farmers to quickly change soil pH. It’s named SuperCal 98G because it’s made from 98% pure calcitic limestone.

Calcium Products, Inc.
www.calciumproducts.com

Sure-K® is a chloride- and hydroxide-free potassium solution. It can be applied in combination with other crop protection products and presents a very low risk of crop injury. Sure-K can be used in any cropping situation where potassium is needed and it’s unique formula provides increased crop utilization. This means a lower total product application volume is necessary to produce the same results as other conventional potassium fertility products when applied at typical rates.

AgroLiquid
www.agroliquid.com

Symbol™/Release is an enhanced foliar liquid with micronutrients to aid in plant recovery. This product improves the plant’s ability to recover from crop stresses, including post-emergence herbicide applications and seasonal nutrient deficiencies and also helps improve plant growth, performance, and yield with nutrients specifically formulated for foliar nutrient uptake.

Winfield Solutions, LLC.
www.winfield.com

Temitry™ LFR® insecticide/fungicide delivers below-ground insect control, combined with disease protection, to get your corn crop off to a healthy start. Powered by the active ingredients in Capture® LFR® insecticide and Headline® fungicide, Temitry LFR insecticide/fungicide delivers stronger, more consistent early plant stands to maximize yield potential under challenging conditions, including heavy corn rootworm pressure.

FMC Corporation
www.fmccrop.com

TerraMax Liquid™ is an in-furrow soybean inoculant. It can be applied above, on, or below the seed, or even as 1x1 or 2x2 at planting.

TerraMax, Inc.
www.terramaxag.com

Thio-Sul® (12-0-0-26S) is a clear liquid ammonium thiosulfate solution that delivers nitrogen in the ammoniacal form and sulfur in both elemental and sulfate forms. Thio-Sul is a nitrification inhibitor, reducing nitrogen loss by inhibiting or slowing the nitrification process of ammonium (NH₄) converting to nitrate (NO₃⁻).

Tessenderlo Kerley, Inc.
tkinet.com/tki-products/agriculture
Toggle® is a new biostimulant specifically designed for row crops. Toggle promotes the synthesis of natural compounds, including antioxidants, polyamines, betaines and proline, which protect against cellular damage from stresses. The active components of Toggle stimulate root growth, which enables plants to take advantage of available water and key nutrients.

Acadian Seaplants Limited
www.togglebyacadian.com

Toggle® is a new biostimulant specifically designed for row crops. Toggle promotes the synthesis of natural compounds, including antioxidants, polyamines, betaines and proline, which protect against cellular damage from stresses. The active components of Toggle stimulate root growth, which enables plants to take advantage of available water and key nutrients.

TopGuard Terra® is an in-furrow fungicide that contains 42.0% Flutriafol.
FMC Corporation
www.fmccrop.com

Trifecta® is a combination of several essential nutrients needed at critical times during the growing season. An application of Trifecta can mitigate environmental stress, increase leaf expansion and plant growth, and provide yield enhancement through added fertility and bio-stimulants during the growing season.
Innova Performance Products
innovaperformanceproducts.com

Trivapro® delivers long-lasting disease control and crop enhancement benefits with three complementary and noncross-resistant modes of action (strobilurin, triazole, and SDHI). Solatenol® fungicide, the SDHI component in Trivapro, is 10 times more potent than other SDHIs on the market and delivers long-lasting control. The crop enhancement benefits associated with Trivapro can maximize yield potential and harvest efficiency by promoting stronger stalks, healthier roots, bigger ears, and fuller pods.
Syngenta Group Company
syngentacropprotection.com

Trivence® herbicide provides multiple modes of action for burndown control and extended residual activity on tough broadleaf weeds in soybeans.
E. I. du Pont de Nemours and Company
www.dupont.com

Ultra-Che® Zinc 9% EDTA increases nutrient efficiency and availability to plants in a variety of crops. As an additive in liquid fertilizer, it offers flexible application options including pre-plant, starter, sidedress or fertigation. Ultra-Che Zinc 9% EDTA is generally compatible with pesticides, but the water needs to be added first.
Winfield Solutions, LLC.
www.winfield.com

UltraMate LQ® is a sulfonated potassium humate liquid that is compatible over a wide range of pH levels from 2.0 to 12.0. UltraMate LQ completely mixes when added directly to liquid fertilizer, micronutrient, or pesticide formulation over a wide range of pH values. The formulation allows users to apply this humate directly into tank mix, drip irrigation, and onto acid soil applications that are typically unacceptable for conventional products.
The Andersons, Inc.
andersonsplantnutrient.com

USA 500™ is a unique blend of macro and micronutrients designed for use with starter fertilizers. It has a multifaceted approach to yield which includes: phosphate protection, EDTA zinc, growth promoter, and fulvic acid.
Rosen’s Inc.
www.rosensdiversifiedinc.com

Valor® XLT provides control of a spectrum of broadleaf weeds including Palmer pigweed, waterhemp, common ragweed and winter annuals and offers four to six weeks of residual control at labeled rates.
Valent U.S.A. Corporation
www.valent.com

Vault® SP contains a rhizobia strain developed by the United States Department
of Agriculture to help ensure that high counts of vigorous, soybean-specific rhizobia are available for each plant. This product has a sterile, peat-based carrier and leads to improved nodulation.

BASF Corporation
www.agproduct.basf.us

**Versa Max™ AC** is a unique blend of macro and micronutrients that can be applied in a versatile manner. Versa Max AC has an analysis of 7-0-1-3S-1Fe-2Mn-2Zn. It is designed for use in all crops and may be used for soil or foliar applications. Versa Max AC is intended to be used as a supplement to a standard fertility program.

Rosen’s Inc.
www.rosensdiversifiedinc.com

**Versa Max™ Mn** provides the micronutrient manganese (Mn). Manganese is essential in plant growth as it affects carbohydrate and nitrogen assimilation, chlorophyll production, and crop maturity.

Rosen’s Inc.
www.rosensdiversifiedinc.com

**VitaNterra™** contains fulvic acid, humic acid, micronutrients and beneficial enzymes. VitaNterra can be applied in-furrow, 2x2, as a sidedress, or as a foliar application on all row crops, forage crops and vegetables.

Genesis Ag, LLC.
www.genesis.ag

**Voyagro®** is a 4-0-16 product labeled for foliar applications in corn, soybeans, wheat, alfalfa, and cotton.

Winfield Solutions, LLC.
www.winfield.com

**W**

**Warrant® Ultra** is a water-based premix of microencapsulated acetochlor + fomesafen for pre-emergence and early post-emergence use in soybeans. Warrant Ultra provides broad spectrum weed control and promotes excellent crop safety.

Monsanto Technology, LLC.
www.monsanto.com

**Wex®** is a multipurpose wetting agent that maximizes the effectiveness of liquid-applied fertilizer and pesticides with improved suspension. An exclusive, nutrient-related action technology stimulates root development, which improves water and nutrient absorption. Wex can be applied at anytime on all crops. Do not apply Wex with fertilizers.

Conklin Company, Inc.
www.conklin.com

**X**

**Xanthion®** in-furrow fungicide for corn includes a chemical fungicide and a biofungicide. This combination, which contains the same active ingredients as Headline® fungicide and an EPA registered biofungicide, provides two modes of action to help protect your seed investment by improving seedling health. Xanthion protects against damaging corn seedling and root diseases including Rhizoctonia seed and seedling rot, Fusarium seed rot and seedling blight, and Pythium damping off.

BASF Corporation
www.agproducts.basf.us

**XtendiMax® With VaporGrip® Technology** is a herbicide made up of 42.8% diglycolamine salt. Dicamba is the active ingredient in this product that also contains VaporGrip Technology.

Monsanto Technology, LLC.
www.monsanto.com
Yetter Dual 2968 Series Unit Mount In-Between Fertilizer Openers are designed to achieve consistent, off-the-row starter or nitrogen fertilizer placement. They can be set to apply fertilizer from 1.5 in. to 2 in. off the row, with an adjustable depth of up to 0.5 in. below the seed. The 2968 Series utilizes a 10 in. disc for better penetration and has a compact design for easy mounting.

Yetter Manufacturing Company, Inc.
www.yetterco.com

Yetter Poly Spike closing wheels are designed to work in a variety of soil types and conditions. The wheel utilizes twisted poly spikes and a rounded center to close the tru-vee opening by crumbling the sidewall. The ring design maintains wheel depth and also firms the soil, eliminating possible air pockets. The Poly Spike wheels are designed to run as a pair or in conjunction with a factory-style rubber wheel.

Yetter Manufacturing Company, Inc.
www.yetterco.com

Yetter 6200 Cast Spike closing wheels improve seed trench closure, even in the most severe conditions. They enhance seed-to-soil contact and help prevent yield-robbing air pockets, all while eliminating the potential for sidewall compaction. The wide-crowned depth band controls spike depth and prevents seed disturbance.

Yetter Manufacturing Company, Inc.
www.yetterco.com

Yetter 5000 Stalk Devastator™ rolls over stalks and stubble as they travel through the field. They also prevent damage to tires, tracks, wires, and hydraulic hoses. The Yetter 5000 Stalk Devastators are designed to crush corn stalks in order to facilitate quicker residue breakdown. They also have a spring loaded, steel construction that will not interfere with most header cart trailers.

Yetter Manufacturing Company, Inc.
www.yetterco.com

Zidua® PRO herbicide from BASF offers fast burndown with long-lasting, broad-spectrum residual control. The PRO stands for Premium Residual Option. It delivers long-lasting residual control on weeds including Palmer amaranth, waterhemp, marestail, and lambsquarters. It’s also a convenient pre-mix formulation with limited planting restrictions.

BASF Corporation
www.agproducts.basf.us