












PERFORMANCE In Every Pass

PRODUCT		RECOMMENDED USE RATE	
NUTRIENT USE EFFICIENCY	 	<p>EXCAVATOR® powered by MICROBILIZE™</p> <p>EXCAVATOR is specifically designed to break down crop residue in the field, improving planter performance and releasing valuable nutrients to feed the crop. EXCAVATOR is powered by MICROBILIZE Technology, an innovative, patented biological delivery system designed to safeguard the vigor and vitality of your microbes.</p>	12.8 oz/acre
	 <p>POWERED BY</p>  	<p>EXCAVATOR® AMS powered by CYCLESTRIKE™ & MICROBILIZE™</p> <p>EXCAVATOR AMS powered by CYCLESTRIKE and MICROBILIZE, is the industry's leading, and first, all-in-one blend of water conditioning agent (ammonium sulfate) and surfactants that aids in fertility/nutrient release and residue breakdown. CYCLESTRIKE is powered by liquid-ready BIO-CAPSULE™ Technology, keeping biologicals separate and alive until the point of application.</p>	32 oz/acre
		<p>MAINTAIN™ ELITE</p> <p>MAINTAIN ELITE utilizes an improved formulation to extend nitrogen availability and uptake in addition to reducing nitrogen loss. MAINTAIN ELITE provides more calcium and enhanced polymer technology. It is intended for use as an additive to anhydrous ammonia and liquid fertilizer applied below ground.</p> <p><i>THE ONLY MICROBE FRIENDLY NITROGEN MANAGEMENT SYSTEM</i></p>	<p>Anhydrous Ammonia: 6 oz/50 units N up to max of 24 oz/acre</p> <p>Liquid Fertilizer: 2 qts/ton UAN</p> <p>Liquid Manure: 24-32 oz/acre</p>
		<p>N-GEAR® DUAL ACTION</p> <p>N-GEAR DUAL ACTION gives you flexibility of both above and below ground nitrogen protection. N-GEAR DUAL ACTION is specifically formulated for use in urea and UAN scenarios.</p> <p><i>THE ONLY MICROBE FRIENDLY NITROGEN MANAGEMENT SYSTEM</i></p>	<p>UREA (46-0-0): 2-3qts/ton urea</p> <p>UAN Solutions (28-32%): 1.5 qt/ton total solution</p> <p>Liquid Manure: 13.5-18 oz/acre</p>
	 	<p>FUEL-LINE™ powered by ETHER™</p> <p>FUEL-LINE is a fertilizer biological enhancement specifically formulated for impregnation on dry fertilizer blends. It contains micronutrients and enzymes that help growers get more out of their applied P and K fertilizers.</p>	2 qt/ton (dry product)

Revised 03/25

PRODUCT **RECOMMENDED USE RATE**



REVLINE® HOPPER THROTTLE™
for Corn, Cotton, Dry Beans, Peanut, Peas & Lentils, Rice, Soybeans, & Sugarbeets
Powered by BIO-CAPSULE TECHNOLOGY™, RHT is a patented, seed lubricity packaging system with an 80/20 talc/graphite, Mn & Fe blend with the added power of IONLOCK™ Zinc in the pail. RHT and BIO-CAPSULE safeguard the vigor and vitality of microbes to the furrow.
RHT CORN: two BIO-CAPSULEs, the first holds industry-leading biofertility and N-fixing microbes, and the second has 6.25 oz of Terrasym®, a proven biostimulant that drives early root system development and season-long stress-mitigation benefits. ***See tech bulletin for Grain Sorghum use.*
RHT COTTON: a cotton-specific Terrasym BIO-CAPSULE, a second with biofertility and N-fixing microbes, as well as a third loaded with active carbon to feed microbial communities and increase plant respiration and function.
RHT DRY BEAN: two BIO-CAPSULEs charged with an industry-leading Rhizobium inoculant, a third containing 5 oz of proven biostimulant Terrasym, and a fourth with biofertility and N-fixing microbes.
RHT PEANUT: three BIO-CAPSULEs of a peanut-specific Bradyrhizobium inoculant to accelerate nutrient uptake. BIO-CAPSULE four contains a peanut-specific Terrasym biostimulant, and the fifth houses biofertility and N-fixing microbes.
RHT PEAS & LENTILS: two Rhizobium Leguminosarum Biovar Viciae inoculant BIO-CAPSULEs, a third with biofertility and N-fixing microbes, and a fourth BIO-CAPSULE of Terrasym.
RHT RICE: a BIO-CAPSULE of rice-specific Terrasym and a second charged with biofertility and N-fixing microbes.
RHT SOYBEAN: two BIO-CAPSULEs charged with a proprietary 3-strain Bradyrhizobia inoculant; a third contains 5 oz of proven biostimulant Terrasym, and a fourth has biofertility and N-fixing microbes.
RHT SUGARBEET: four BIO-CAPSULEs: the first is a sugarbeet-specific Terrasym strain, the second contains biofertility and N-fixing microbes, a third houses an EPA-registered biological nematicide, and the fourth contains active carbon to feed microbial communities.

ASK YOUR SALES REPRESENTATIVE FOR RECOMMENDATIONS ON SORGHUM, WHEAT, AND OTHER SMALL GRAINS



CORN:
50 units

COTTON:
20 units

DRY BEAN:
40 units

PEANUT:
40 acres

PEAS & LENTILS:
40 acres

RICE:
40 units

SOYBEANS:
40 units

SUGARBEET:
10 boxes



REVLINE® HOPPER THROTTLE™ powered by ETHER™
for Corn & Soybeans
 Same products as mentioned above, but additionally powered by a BIO-CAPSULE of **ETHER™ Enzyme Technology**, a lipase and mannanase enzyme combo, coupled with active carbon, that jumpstarts microbial activity for long-term crop benefits through enzyme protection.



CORN:
50 units

SOYBEANS:
40 units



HOPPER THROTTLE™ MAXD for Corn & Soybeans
 HT MAXD gives farmers biodefense solutions to help take cost out of their programs while managing yield-robbing pests and diseases through the use of EPA-registered biocontrols delivered via Meristem's patented BIO-CAPSULE™ Technology.
MAXD Corn includes the PREPHYTE biofungicide, two bioinsecticides (GUARD X & GUARD M), and the GUARD C bionematicide, in addition to the base pail of seed fluency and IONLOCK™ Zn, Fe & Mn.
MAXD Soybean, includes a multi-strain bradyrhizobia inoculant, Metalaxyl, the PREPHYTE biofungicide, two bioinsecticides (BORNE X & GUARD M), and the GUARD C bionematicide, in addition to the base pail of seed fluency and IONLOCK™ Zn, Fe & Mn.
Ask your dealer about Meristem's \$20/acre replant program on HT MAXD Soybean.

CORN:
50 units



SOYBEANS:
40 units



HOPPER THROTTLE™ MAXSTAX™ for Corn & Soybeans
 HT MAXSTAX is a revolutionary biodefense solution, powered by Meristem's patented BIO-CAPSULE Technology that gives farmers an easy-to-use system to deliver multiple, EPA-registered control options to maximize yields.
MAXSTAX Corn includes the PREPHYTE biofungicide, two bioinsecticides (GUARD X & GUARD M), the GUARD C bionematicide, REVLINE biostimulant and N-fixing microbes, in addition to the base pail of seed fluency and IONLOCK™ Zn, Fe & Mn with ETHER Enzyme Technology and active carbon.
MAXSTAX Soybean, includes a multi-strain bradyrhizobia inoculant, Metalaxyl, the PREPHYTE biofungicide, two bioinsecticides (BORNE X & GUARD M), the GUARD C bionematicide, REVLINE biostimulant, N-fixing microbes and trichoderma, in addition to the base pail of seed fluency and IONLOCK™ Zn, Fe & Mn.
Ask your dealer about Meristem's \$40/acre replant program on HT MAXSTAX Soybean.

CORN:
50 units





SOYBEANS:
40 units

PRODUCT		RECOMMENDED USE RATE
OPTIMIZE IN-SEASON GENETIC POTENTIAL	 UPSHIFT® C powered by ETHER™ UPSHIFT C powered by ETHER Enzyme Technology is a 12-58-0 formulation. It combines two enzymes specifically identified to increase phosphate availability, increase nutrient and water availability, boosting plant growth, while maximizing microbial activity.	2.5 lbs/acre
	 UPSHIFT® C+K powered by ETHER™ UPSHIFT C+K powered by ETHER Enzyme Technology is a 9-39-16 3S formulation. It is a concentrated starter system that increases phosphate and potash availability, increases nutrient and water availability and boosts plant growth, while maximizing microbial activity.	2.5 lbs/acre
	 REVLIN® 4.0 REVLIN 4.0 is an EPA registered plant growth regulator (PGR) that improves germination, promotes early plant emergence in cool conditions and drives root growth and seedling development.	3 oz/acre
	 REVLIN® EARLY-SEASON PGR REVLIN EARLY-SEASON contains two plant growth regulators found in nature that stimulate seeding and plant growth and improve root development. It also contains vitamins that aid transplanting.	2 oz/acre
	 REVLIN® LATE-SEASON PGR REVLIN LATE-SEASON is a fortified cytokinin designed to increase pollination and support photosynthesis during fruit or grain fill. The unique combination produces more flowering/fruting site, and more importantly increases the plant's net capture of solar energy to help drive sugar production.	12.8 oz/acre
	 HARVESTSHIELD™ COMPLETE HARVESTSHIELD COMPLETE is a first-pass solution specifically formulated to protect and reduce yield loss of crops under abiotic stress conditions. This product combines foliar nutrition, amino acids and stress mitigators all in one jug.	1 qt/acre
	 HOMESTRETCH® NKB-S HOMESTRETCH NKB-S is a 2-0-15 formulation, specifically formulated with a boost of potassium, boron, and sulfur. It is ideal for in-season nutrient applications on row crops and is an excellent tank mix partner.	1 qt/acre
	 HOMESTRETCH® B-MO HOMESTRETCH B-Mo is designed for maximum nutrient mobility and performance, and is one of the most efficient and user friendly forms of boron available.	1 qt/acre
	 HOMESTRETCH® Mn 6% HOMESTRETCH MN 6% is a fully chelated solution recommended for the prevention and/or correction of manganese deficiency in all crops when used as a part of a balanced fertility program.	0.5 qt/acre
	 HOMESTRETCH® ZINC 9% HOMESTRETCH ZINC 9% offers high quality, fully chelated EDTA micronutrients, ensuring that the nutrients remain available to the plant in a wide range of tank mixes, as well as pH and soil conditions.	1 qt/acre
 HOMESTRETCH® SULFUR 17 HOMESTRETCH SULFUR 17 is specifically formulated for foliar delivery of sulfur. Sulfur is important for chlorophyll formation, nodulation, enzyme activation, and S-containing amino acids.	1 qt/acre	

SEE MERISTEMAG.COM FOR FULL IN-SEASON FOLIAR

Revised 03/25

OPTIMIZE YOUR SPRAY TANK

PRODUCT		RECOMMENDED USE RATE
	AQUADRAFT® DICAMBA ALL-IN-ONE AQUADRAFT DICAMBA ALL-IN-ONE is a volatility and drift reduction adjuvant designed for use in dicamba tolerant cropping systems.	20 oz/acre
	AQUADRAFT® EXTREME AQUADRAFT EXTREME is a blend of water conditioning agent (ammonium sulfate), surfactants, drift reduction agents and humectants. Contains antifoaming agent to minimize foaming.	20 oz/acre
	AQUADRAFT® PREMIUM AQUADRAFT PREMIUM is an Enlist™ approved nonionic surfactant and 3.4 lb/gal AMS premix. Can be used in place of ordinary surfactants, dry AMS or other AMS replacement products.	20 oz/acre
	TRUTRACK® FUNGICIDE PASS TRUTRACK FUNGICIDE PASS adjuvant helps optimize droplet adhesion, which reduces bounce and increases droplet spreading for improved contact, coverage and canopy penetration.	6 oz/acre
	TRUTRACK® HD TRUTRACK HD is a premier drift reduction and deposition agent for use with herbicides, insecticide and fungicides. Enlist™ approved adjuvant.	3 oz/acre
	CROPFUSE® COC CROPFUSE COC improves spray solution coverage and penetration, increases the activity of herbicides and enhances performance and is compatible with UAN and AMS, even in cold water.	20 oz/acre
	CROPFUSE® HS-MSO CROPFUSE HS-MSO is a methylated seed oil and surfactant formulation for increased pesticide uptake and effectiveness at 50% of the use rate of ordinary methylated seed oils and crop oil.	20 oz/acre
	CROPFUSE® NIS CROPFUSE NIS, an economical, 90% active, low-foaming, non-ionic activator adjuvant, enhances crop protection performance by improving spray solution coverage and penetration of target leaf surfaces.	3 oz/acre

Revised 03/25

ASK YOUR MERISTEM SALES REP ABOUT THE ADVANCED ADJUVANTS CONCENTRATES SYSTEM



PRODUCT USE RATES ARE BASED ON AVERAGES. FOR MORE PRODUCT DETAILS, VISIT MERISTEMAG.COM OR SCAN THE QR CODE