

RED ZONE

TECHNOLOGIES™

2022 PRODUCT GUIDE



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SALES AND SERVICE

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PRODUCTS

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RZT Greenfill Finish®

RZT 12% Humic Acid®

RZT Unbind®

RZT Zinc 9% EDTA®



Adjuvants

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
CrossGuard™	A drift and deposition aid designed to improve pesticide applications.	<ul style="list-style-type: none">• Reduced driftable fines mean more droplets in the ideal form• Improves deposition and coverage• Right size droplets for better coverage	Use Rate: 4 oz./A.
	CrossGuard is intended for use in a typical spray application. CrossGuard reduces the number of driftable fines that may occur when pesticides are applied by ground or air. When used with proper spray equipment, this unique formulation helps manage the spray pattern, allowing for better coverage.		
FieldGoal®	A blend of non-AMS water conditioning agent, nonionic surfactant and deposition agent.	<ul style="list-style-type: none">• Improves herbicide performance• Increases penetration of active ingredients• Optimizes spray droplet size and coverage• Improves uptake of pesticide by the weed• Compatible with most tank mixes	General Use Rate: 4-8 pt./100 Dicamba Use Rate: 5 pt./100
	FieldGoal minimizes antagonistic effects of hard water minerals that may negatively impact herbicide performance. The surfactant ingredient in FieldGoal also provides spreading that produces better spray coverage over the plant surface, improving the effectiveness of the spray material on the target species. The addition of FieldGoal in the tank mix enhances deposition and reduces off-target drift during application.		




Adjuvants

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
High Load® MSO	A modified vegetable oil/surfactant blend.	<ul style="list-style-type: none">• Better absorption into the plant for a more effective weed kill• Improves penetration through the waxy cuticle• Better coverage on the leaf surface• Excellent crop tolerance• Cost effective: half the use rate of other adjuvants	Use Rate: 4-32 oz./A.
	High Load MSO aids in penetration and spreading of the tank mix through the plant's waxy cuticle, increasing the effectiveness of many post-emergent herbicides. Because of its high load of oil, it can be used at a lower rate — ultimately, saving you money. This MSO allows for quicker absorption and uptake of the herbicide into the plant, including tough-to-control weeds, which means the plant dies quicker.		
InTheTrenches™	A unique oil blend that increases both deposition and absorption of soil-applied herbicides.	<ul style="list-style-type: none">• Better control of weed escapes• More uniform droplets ensure better coverage• Better control of hard-to-kill weeds• Extends the life of the pesticide	Use Rate: 5-16 oz./A.
	InTheTrenches improves the residual activity of soil-applied herbicides, while minimizing the potential of active ingredient leaching. InTheTrenches may be used with other types of soil-applied products, such as fertilizers and fungicides. This product creates more uniform droplets, resulting in better target coverage for the spray mixture.		



Adjuvants

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
Kristol[®]	An AMS-based water conditioning agent and surfactant.	<ul style="list-style-type: none">• Convenient liquid formulation• Helps increase herbicide performance• Enhanced sequestering to block mineral tie-up of glyphosate• Reduces antagonism in the tank• Contains 3.4 lbs of ammonium sulfate per gallon	Use Rate: 2-6 qt./100
	Kristol improves performance of various post-emergent herbicides where a nitrogen solution and surfactant are required. With its unique formulation, Kristol provides water conditioning and surfactant capabilities in one convenient product. This adjuvant replaces the need for 28% nitrogen solution and nonionic surfactants. When used at the recommended rates, Kristol can increase the performance of various herbicides that require combinations of the above additives.		
Pentrol[®]	A crop oil concentrate.	<ul style="list-style-type: none">• Ensures better herbicide coverage• Improves herbicide absorption into the plant• Helps penetrate the waxy cuticle layer on the leaf• Better, more thorough weed kill• Recommended with a wide range of herbicides	Use Rate: 1-8 pt./A.
	Designed to combine the penetrating activity of a phytobland oil with the wetting and dispersing characteristics of a surfactant, Pentrol increases the efficiency of certain herbicides in post-emergent applications. Its wetting characteristics allow the herbicide more time to absorb into the plant.		





Adjuvants

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
Resilience[®]	A 100% modified vegetable oil.	<ul style="list-style-type: none">• Enhances herbicide application• Excellent wetting and penetration• Use in place of crop oil concentrate• Quicker breakdown of the plant's waxy layer• Consistent, stable emulsion	Use Rate: 1-2 pt./A.
	Resilience aids the penetration of herbicides through a plant's waxy cuticle. It may be used in place of a crop oil concentrate in spray mixtures. When used as directed, Resilience maximizes the activity of certain herbicides.		
StrongSide[™]	A premium nonionic surfactant.	<ul style="list-style-type: none">• Better coverage on the plant leaf• Pesticide absorbs into the plant quicker	Acaricides, Fungicides and Insecticides: 8-32 oz./100 Herbicides: 6-48 oz./100 Backpack and Handheld Sprayers: ½-1 oz./gal.
	StrongSide functions as a spreader and activator that effectively wets and spreads pesticides onto the leaf's surface better than without an adjuvant. StrongSide can increase absorption and translocation of systemic pesticides into and within the plant.		



Adjuvants

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
ThreePointer™	AMADS, water conditioning agent and surfactant.	<ul style="list-style-type: none">• More uniform droplets• Better coverage on the plant	Use Rate: 2-8 pt./100
	ThreePointer enhances the performance of pesticide application where both a water conditioner and surfactant are necessary. Wetting and deposition of the pesticide are increased, resulting in a more uniform spray deposit. ThreePointer is effective with many post-emergent herbicides, such as glufosinate, increasing the degree and rate at which the herbicides are absorbed by the plant.		
Vincero® 90	A low-foam nonionic surfactant and humectant.	<ul style="list-style-type: none">• Better leaf coverage and contact• Uniform droplets allow for more pesticide onto the surface• Enhances the pesticide application• Tank mix compatible with many pesticides• Ease of use	Use Rate: 8-64 oz./100
	Vincero 90 is a general-purpose adjuvant that improves the effectiveness of pesticides by increasing spray coverage on target leaf surfaces. It is designed for quick wetting, uniform droplet distribution and increased spray retention on leaf and stem surfaces.		



Adjuvants

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
ZoneCoverage™	A blend of modified vegetable oil concentrate and organosilicone surfactant.	<ul style="list-style-type: none">• Less phytotoxicity risk due to less solvency• Reduces plant surface tension for better absorption• Translaminar movement of certain a.i.'s through leaf tissue	<p>Use Rate: 4 oz./A.</p> <p>Aquatic Use Rate: See pesticide label</p> <p>Backpack and Handheld Sprayers: 1-3 T./gal.</p>
<p>ZoneCoverage provides effective wetting and spreading of various pesticides. The oil in ZoneCoverage aids penetration of the pesticide into the plant tissue, while the organosilicone element assists with quick spreading and wetting, uniform leaf coverage and better absorption.</p>			

Nutrition

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
<i>RZT Expand K®</i>	Promote nutrient efficiency in-furrow and as a foliar with potassium and the right mix of micronutrients.	<ul style="list-style-type: none"> • Regulates plant absorption of water and nutrients • Increases yield potential through higher photosynthesis rate • Strengthens stress tolerance of the plant • Adds stalk-building nutrients to a foliar spray 	<p>At-planting, pre-plant or early in-season: 2-6 qt/ac</p> <p>Early/late foliar with crop protection products: 1-6 qt/ac</p>
	<p>RZT Expand K harnesses soluble, available potassium and the right mix of micronutrients, including manganese (0.30%), copper (0.35%) and zinc (1.90%), which are key for plant growth. RZT Expand K helps prevent these micronutrients from being tied up in the soil, allowing for a faster start and higher yield potential for your crops. RZT Expand K also reduces phosphorus tie-up, increases nutrient availability and enhances nutrient uptake as a foliar spray.</p> <p>Guaranteed Analysis: 0-0-14 14.00% Soluble Potash (K₂O) 0.30% Chelated Manganese (Mn) 1.90% Chelated Zinc (Zn)</p> <p>Derived from: Potassium Acetate, Manganese EDTA and Zinc EDTA</p>		
<i>RZT Fulvic Acid®</i>	Increase fertilizer efficiency with a pure fulvic concentrate certified for organic production.	<ul style="list-style-type: none"> • Low use rate of 1-2 pints per acre • For in-furrow, banded, 2x2 and foliar applications • Does not turn fertilizer black • Improves root growth and emergence early in the season 	<p>In-furrow with low-salt, high-ortho fertilizers: 1-2 pt/ac</p> <p>With foliar applications: ½-1 pt/ac</p>
	<p>RZT Fulvic Acid is a pure fulvic concentrate for organic production. Made from unique organic acids, RZT Fulvic Acid is isolated from pure leonardite ore, which is high in organic matter. As a result of its double extraction process, RZT Fulvic Acid is concentrated into a clear, bioactive fulvic acid liquid and increases nutrient use efficiency.</p>		

Nutrition

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
<i>RZT Greenfill Finish®</i>	Get your fill of green with yield increases on cotton, corn and soybeans.	<ul style="list-style-type: none"> • Yield increases on cotton, corn and soybeans • Extends availability of nitrogen for longer uptake • Compatible with foliar herbicides and fungicide sprays • Low use rate 	Row and field crops: 1-3 gal/ac Vegetable crops: 1-3 gal/ac Tree and vine crops: 1-10 gal/ac
	<p>RZT Greenfill Finish helps you finish strong with consistent yield increases on cotton, corn and soybeans. RZT Greenfill Finish addresses major limitations on yield and mitigates abiotic stress through its unique micronutrient formulation. Using polymer technology, RZT Greenfill Finish helps retain moisture, providing a more efficient source of foliar nitrogen. RZT Greenfill Finish is also an effective carrier for many herbicides and fungicides.</p> <p>Guaranteed Analysis: 10-8-8 10.00% Total Nitrogen (N) 8.00% Available Phosphate (P₂O₅) 8.00% Soluble Potash (K₂O) 1.00% Sulfur (S) 0.25% Boron (B) 0.06% Chelated Copper (Cu) 0.25% Chelated Manganese (Mn) 0.25% Chelated Zinc (Zn) </p> <p>Derived from: Potassium Phosphate, Potassium Sulfite, Urea, Triazone, Methylene Urea, Boric Acid, Copper EDTA, Copper IDS, Manganese EDTA, Manganese IDS, Zinc EDTA and Zinc IDS </p>		
<i>RZT 12% Humic Acid®</i>	Apply this concentrate solution to your organic crops.	<ul style="list-style-type: none"> • May be applied to most crops • May be used for organic production • Readily dispersed in most fertilizer products • May be applied with irrigation water systems 	Foliar: 1-3 qt/ac Soil: 1-12 qt/ac
	<p>RZT 12% Humic Acid is for organic production and may be applied to most crops. This concentrate solution is readily dispersed in most fertilizer products but should be avoided with acids and oxidizers. RZT 12% Humic Acid is a weak alkaline solution and may change the pH of certain solutions. You can use a weak acid to reduce the pH of this spray solution. RZT 12% Humic Acid may be applied with several types of irrigation water systems.</p>		

Nutrition

PRODUCT NAME	DESCRIPTION	BENEFITS	RATE
<i>RZT Unbind®</i>	Unbind your crops with seven strains of beneficial bacteria that maximize yield and grower ROI.	<ul style="list-style-type: none"> • 91% positive response rate across all tested crops • Increases nutrient availability and root growth • Improves plant's resistance to stress • Compatible with most fertilizer blends 	Starter or Sidedress: 1-4 pt/ac Broadcast and Fertigation: 2-4 qt/ac Manure Applications: 2-4 qt/ac
	RZT Unbind is a liquid biological soil amendment optimized for conventional and organic production. As a biological catalyst, RZT Unbind improves your plant's root architecture and is compatible with most dry and liquid fertilizer blends. Optimized for conventional and organic crops, RZT Unbind increases nutrient availability and assists with nutrient mineralization. Unbind your crops and maximize their growth potential with RZT Unbind!		
<i>RZT Zinc 9% EDTA®</i>	Prevent and correct zinc deficiencies for optimum plant growth and yield.	<ul style="list-style-type: none"> • Resists soil tie up • Will not precipitate with phosphate fertilizers • 100% plant available: will move in soil solution • Lower use rate than non-chelated micronutrient sources 	Deciduous Fruits and Nuts: 1-2 qt/ac Field and Row Crops: 0.5-1 qt/ac Vegetable Crops: 1-2 qt/ac
	Formulated to correct zinc deficiencies, RTZ Zinc 9% EDTA may be used in a variety of agronomic and ornamental plants to enhance plant growth, yield and quality. This specialty fertilizer may be applied as a foliar spray, soil injection or injection into a closed irrigation system and has a lower use rate than non-chelated micronutrient sources. RTZ Zinc 9% EDTA is also formulated for greater compatibility with blend and tank mixes.		

The logo features the words "RED ZONE" in a bold, sans-serif font. "RED" is in red and "ZONE" is in white, both set against a red rectangular background.

TECHNOLOGIES™



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