



RED ZONE

TECHNOLOGIES™

2021 PRODUCT GUIDE



REICHMAN
SALES AND SERVICE

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PRODUCT NAME	COMPOSITION	BENEFITS	RATE
<i>CrossGuard™</i>	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.
<p>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.</p>			
<i>FieldGoal®</i>	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
<p>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.</p>			

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<p><i>High Load® MSO</i></p>	<p>A modified vegetable oil/surfactant blend.</p>	<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 	<p>Use Rate: 4-32 oz./A.</p>
<p>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.</p>			
<p><i>InTheTrenches™</i></p>	<p>A unique oil blend that increases both deposition and absorption of soil-applied herbicides.</p>	<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 	<p>Use Rate: 5-16 oz./A.</p>
<p>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.</p>			

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<i>Kristol</i> [®]	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
<p>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.</p>			
<i>Pentrol</i> [®]	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.
<p>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.</p>			

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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.		

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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
<p>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.</p>			
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
<p>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.</p>			



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ZoneCoverage™

A blend of modified vegetable oil concentrate and organosilicone surfactant.

- Less phytotoxicity risk due to less solvency
- Reduces plant surface tension for better absorption
- Translaminar movement of certain a.i.'s through leaf tissue

Use Rate:
4 oz./A.

Aquatic Use Rate:
See pesticide label

Backpack and Handheld Sprayers:
1-3 T./gal.

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.



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