

QUESTIONS & ANSWERS

StrikeLock® adjuvant combines proprietary drift reduction technology and high-surfactant methylated seed oil into one powerful solution. It works by melting the protective leaf cuticle of weeds so herbicides can penetrate while maintaining crop safety.

If you would like more information, please contact your WinField United representative or reference the additional resources listed below.

ADJUVANTS

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How does StrikeLock adjuvant benefit a herbicide application?

StrikeLock adjuvant is formulated to work with oil-loving herbicides to enhance droplet placement and cuticle penetration of target weeds. These features help ensure more consistent spray coverage, even when environmental conditions are less than favorable. This results in better weed control and cleaner fields throughout the season.

What type of herbicide applications is StrikeLock adjuvant best suited for?

StrikeLock adjuvant may be used whenever the pesticide label calls for a methylated seed oil (MSO), crop oil concentrate (COC), or high-surfactant oil concentrate (HSOC).

StrikeLock adjuvant is specially formulated to enhance herbicide activity in extreme conditions, including hot, dry and cool, wet conditions and situations where large weeds must be managed. It is an excellent option to pair with spring and fall burndown chemistries when environmental conditions may not always favor optimum herbicide uptake.

What are the typical use rates for StrikeLock adjuvant?

StrikeLock adjuvant is a high-surfactant oil concentrate that may be used at rates less than or equal to those recommended on the herbicide label. See the table below to determine the appropriate rate of StrikeLock adjuvant compared to standard oils recommended on the herbicide label.

Oil Adjuvant Recommended on the Label	Amount of StrikeLock adjuvant to Apply
1 pt./A	
1.5 pt./A	
1 qt./A	
Rate	Amount of StrikeLock adjuvant to Apply
0.5 % v/v	1-2 qt./100 gal.
1.0 % v/v	2-4 qt./100 gal.

How can I justify the added cost of StrikeLock adjuvant to the tank mix?

As the cost of crop protection applications continues to rise, managing spray applications for maximum ROI potential is more important than ever. That's precisely why StrikeLock adjuvant is a critical addition to

spray applications that include an oil-loving herbicide.

Extreme environmental conditions and heavy weed populations challenge effective weed control. Adding StrikeLock adjuvant to the tank mix gives oil-loving herbicides more penetration power to overcome challenging situations, increasing the application's ROI potential.

Plus, the included drift reduction technology helps ensure your herbicide investment is staying on course and reaching the target instead of blowing away, bouncing off the leaf or evaporating. Research shows StrikeLock adjuvant results in more complete weed control with fewer weed escapes to manage later in the season.

How does StrikeLock compare to other MSOs in terms of crop safety?

Methylated seed oils have gained popularity for their ability to enhance the efficacy of oil-loving herbicides. However, not all MSOs are created equal. There are differences in crop safety, antagonisms with some herbicides and performance.

StrikeLock adjuvant has been thoroughly tested with the most common oil-loving herbicides in laboratory and field environments. It continues to prove its crop safety and weed control performance.

What data do you have to back this adjuvant's performance?

Research teams at the WinField United Innovation Center in River Falls, Wisconsin, have been testing and collecting data on StrikeLock adjuvant performance since its inception. This has led to years of data, images and videos proving its impactful performance.

The graphics below show data that validates the coverage and weed control benefits that StrikeLock adjuvant offers.

