

QUESTIONS & ANSWERS

Superb® HC adjuvant is a high-surfactant crop oil concentrate (COC) created for use with post-emergence herbicides that require a COC. Unlike some COCs, Superb HC adjuvant is compatible with glyphosate and includes CornSorb® technology, which increases humectant for better, faster droplet retention and action.

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 Superb HC adjuvant benefit a herbicide application?

Superb HC adjuvant enhances herbicide adhesion, coverage and spreading while helping herbicides penetrate through waxy cuticle layers. It also helps keep the leaf surface moist for longer to allow more time for uptake with excellent crop safety and handling characteristics.

Superb HC adjuvant is especially beneficial for glyphosate applications where other COCs may cause antagonism issues. Using half the rate of standard COCs, Superb HC adjuvant helps enhance spray coverage and consistency for improved weed control.

What is CornSorb technology, and why is it included in the formulation of Superb HC adjuvant?

CornSorb technology is a humectant made from high fructose corn syrup that helps the spray solution land and stick to the leaf surface to increase uptake. It also helps delay droplet drying on the leaf for improved uptake.

How do I position Superb HC adjuvant?

Superb HC adjuvant is an excellent option to tank mix with post-emergent herbicide applications, including glyphosate. It improves herbicide uptake when plants are stressed and enhances herbicide efficacy on large, hard-to-control weeds and volunteer corn.

Superb HC pairs well with Class Act® NG® adjuvant to add water conditioning benefits for optimal weed control.

What are the typical use rates for Superb HC adjuvant?

Superb HC is a low use rate, high-surfactant load oil concentrate adjuvant. It is designed to be used at a significantly lower rate

than traditional crop oil concentrates while providing comparable performance.

When herbicide labels recommend or require a crop oil concentrate, the recommended use rate is 4 pints per 100 gallons (0.5% v/v) of spray solution. For spray volumes below 12.5 gallons per acre, use Superb HC at 0.5 quarts per acre. For specific crop oil concentrate rate conversions, review the Superb HC label.

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

As the cost weed control applications continues to rise, managing spray applications for maximum ROI potential is more important than ever. That's precisely why Superb HC adjuvant is a critical addition to herbicide applications.

Superb HC adjuvant helps ensure more of an herbicide's active ingredient gets on and into the targeted weeds faster for complete weed control. That means less product is lost to environmental factors like evaporation.

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 Superb HC adjuvant performance since its inception. This has led to years of data, images, and videos proving its impactful performance.

Superb HC has been formulated and tested to ensure it performs under farmers' most challenging spray conditions, including extreme environmental conditions and heavy weed pressures.