

A New Day Has Dawned For Herbicide Resistance...

X-CELERATE

WHAT IS X-CELERATE?

X-CELERATE is a uniquely blended surfactant or wetting agent. Like all Royal products, X-CELERATE is designed and manufactured using superior quality materials. Proper design and care in manufacturing help with solubility, texture and effectiveness. In addition to the highly concentrated surfactant formula X-CELERATE utilizes a top tie non-foaming additive package. This non-foaming characteristic aids in high-pressure spray systems and refill or top off situations.



WHAT IS A SURFACTANT OR WETTING AGENT?

Wetting agents or surfactants can include a wide range of ingredients, designed to help break the surface tension of a liquid. Surface tension occurs on a molecular level, it is this occurrence that allows water to fall in drops. It is the surface tension that provides this shape. In various applications and environments...product effectiveness is improved by breaking or eliminating this surface tension.

WHY X-CELERATE WITH HERBICIDES?

There is a multi-billion dollar battle taking place in the growing fields of this country. The increasing tolerance to herbicides that is occurring in countless weed biotypes is becoming more costly to our farmers every season. X-CELERATE's ability to improve the effectiveness of the herbicide, means fewer applications are needed, chemical usage is reduced and less time and fuel are spent fighting various weed types.



UNIQUELY FORMULATED SURFACTANT

X-CELERATE is a uniquely formulated surfactant. X-CELERATE is a non-foaming wetting agent that drastically reduces surface tension of water and chemicals. X-CELERATE is a uniquely designed product for today's spraying systems. The non-foaming formulation reduces foam in the chemicals that X-CELERATE is combined with eliminating in most cases the need for an additional defoamer to be added. By breaking surface tension, the bead of water/chemical is forced to break down, sheet, and penetrate quickly. This allows for a more potent application with less runoff and evaporation resulting in a more efficient treatment that lowers the cost of application.

Making a Difference You Won't Believe !



RAGWEED



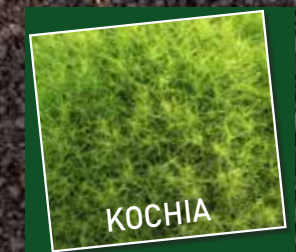
MAREHAIL



WATERHEMP



LAMBSQUARTERS



KOCHIA

X-PERIENCE THE X-CELERATE DIFFERENCE

More Effective

More Powerful

Quicker Impact

Easier To Use

Versatile

More Value

"This year we used pre-emergent with X-CELERATE on every field. All I can say is every field is completely clean. I couldn't be happier. To achieve this with just one pass is a huge savings of both my time and money."

- Jim N.

Usage Guidelines for X-CELERATE

When mixing with other products, X-CELERATE should be the last ingredient to be added to the final solution.

Agriculture	100 Gal. Final Mix.	Ratio*
Fertilizing	1/2-2 pints	1:1600 to 1:400
Herbicides or Pesticides	1-3 pints	1:800 to 1:400

Golf Courses	32 oz. per acre	
Injection Method	1-2 oz. per acre	
Hose	1-2 oz. per 1,000 sq. ft.	
Spray Tank	1-2 pints per acre	

Nurseries		
Injection Method	1 oz. per 1,000 sq. ft.	
Spray Tank	1-2 pints	1:1600 to 1:400

Road Compaction/ Dust Control	1-2 pints	1:800 to 1:400
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Other Applications	1-3 pints	1:800 to 1:270
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Specifications

SPECIFIC GRAVITY	(H2O=1):1.01
pH (Typical)	(conc.): 9 - 11.5
Biodegradable	Yes
Color and Odor	Clear, Green Liquid - No Odor

*Average recommendations for mix. (Some ratios may vary depending on product mixed)

x-celerateit.com

X-CELERATE

Making a Difference You Won't Believe !

Serving:

**Shasta, Tehama, Glenn
& Butte Counties**

Hawes Ranch & Farm Supply

Anderson
21923 Dersch Road
Anderson, CA 96007
530-365-2332

Red Bluff
712 Ash Street
Red Bluff, CA 96080
530-527-4151

Serving:

Central Coast
Annis Maestri
831-214-5074

11 Western States
Dave@x-celerateit.com
707-373-2200

Midwest and Eastern States
Joe@x-celerateit.com
605-659-0377

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We know with traditional herbicides, 30 percent of the product is lost upon contact. Of the remaining 70 percent, 95 percent remains in the leaves, never penetrating deep enough to be effective against herbicide resistant weeds like Kochia. From the 128 ounces in a gallon of the leading herbicide, only 4.5 oz. ever penetrate deeper than the leaf.

***X-CELERATE will take it
from the leaf to the root.***

"In my 35 plus years in the fertilizer industry, it was amazing to me how well my field turned out after using X-CELERATE. To achieve this in just one pass instead of multiple passes is a huge savings in both time and money."

- Glenn Hawes, Anderson, CA.

Making a Difference You Won't Believe !