



## WHAT IS A 2,4-D ESTER?

Ester formulations are produced when 2,4-D acid & an alcohol are combined under extreme heat. The resulting Ester is a thick oil that is combined with a solvent and emulsifier to form a finished product that can be easily mixed with water and other herbicides.

## ARE ALL 2,4-D ESTERS THE SAME?

With countless 2,4-D Ester products on the market today it can be tough to pick out the best product for your application. When sorting through all the information be sure to remember the 3 components that make up an Ester and how they can affect the performance of the product.

- **Active Ingredient:** 2,4-D esters are commonly sold between 4 and 6 pounds of 2,4-D Active per gallon. The higher load products such as Low Vol 6 are designed to be as concentrated as possible to reduce container handling & disposal. While the higher load of 2,4-D does reduce the amount of product needed, it leaves little room in the formulation for other key components like solvents & emulsifiers
- **Solvent:** Since 2,4-D Esters start out as a thick oil, solvents are used to help lower their viscosity. This lower viscosity leads to better handling and compatibility of the product as well as penetration of the active ingredient into the plant. Products such as Low Vol 4 contain a greater amount of solvent. This high solvent load can reduce the crop safety under certain conditions and leaves little room for a quality emulsifier.
- **Emulsifier:** For a 2,4-D product to perform at full strength a quality emulsifier is needed. The Emulsifier distributes the 2,4-D throughout the spray tank solution and aids in compatibility with water of varying hardness, liquid fertilizer, and tank mix partners. Another benefit to a quality emulsion is the particle size that it can produce. A smaller particle size equals more 2,4-D in each droplet of spray solution. Salvo is equipped with an emulsifier that produces particles 5X smaller than that of LV4 or LV6, resulting in a greater number of contact points that aid in foliar coverage and uptake.

## WHY CHOOSE SALVO?

Salvo is the optimum choice for any 2,4-D ester application due to its proportions of active ingredient, solvent, and unique emulsifier package. With a 5 lb loading of active ingredient, Salvo is concentrated enough to provide the convenience of a lower rate while still having enough room for the optimal solvent load and emulsifier. Additionally, the emulsifier in Salvo can produce smaller 2,4-D particles for each droplet which leads to increased coverage, uptake, and consistent weed control.

- Optimal proportions of Active Ingredient, Solvent, & Emulsifier
- 5 lb active ingredient loading offers a convenient low rate
- Unique emulsifier provides a smaller particle size
- More particles of 2,4-D per droplet
- Increased coverage, uptake, and consistent weed control

ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

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