

## About AgroShield

AgroShield LLC is a leading agricultural supply company that was founded in 2015 by industry experts with more than 60 years of combined experience. The founders established the company as a low-dose herbicide supplier for grass weed problems in soybeans, cotton, and alfalfa. Over the years, the company has evolved into one of North America's fastest-growing agricultural supply companies, offering new, environmentally friendly solutions for crop and water protection.



## Safeguarding American Crops and Water Supplies since 2015



## Contact Us



1 (716) 913-6507



Randall@agro-shield.com



www.agro-shield.com



## LARIXIFOL & BACILIFOL



# Introduction

AgroShield has developed two all-natural products that, when used together, improve soil quality, increase resistance to disease, and enable greater nutrient uptake, allowing fertilizer usage to be reduced by up to 50 percent. AgroShield introduces **Larixifol** and **Bacilifol**.

Bacilifol and Larixifol are innovative, all-natural products that are able to provide many of the same benefits as foliar sprays and seed treatments.

Specifically, these products:

- Unlock soil nutrients for improved uptake
- Reduce loss from evaporation
- Produce Auxin, a plant growth regulator which boosts growth and yield
- Increase the secretion of metabolites which degrade cell walls of fungus and bacteria
- Cure and prevent plant disease
- Trigger plant immune systems
- Provide general anti-fungal and antibacterial benefits



## Larixifol

Larixifol contains 12% Taxifolin, which is highly purified in a micro-emulsion. Its main active ingredient, dihydroquercetin, is obtained from Dahurian Larch trees. This ingredient enhances plant resistance to diseases, pests, and adverse climatic conditions.

This innovative product has been developed with a wide range of usage portfolios and has been successfully marketed as a seed treatment for outdoor use on crops such as corn, soybeans, potatoes, oilseed crops, cucumbers, melons, sugar beets, sunflowers, and others.

The versatility of Larixifol doesn't stop there. It has also been used as a foliar spray, indoors and outdoors, with potential benefits that are yet to be discovered. In a 2019 Colorado Springs oilseed crop trial, it was observed that Larixifol completely eradicated spider mites with 2-3 staged applications.

Furthermore, Larixifol can be used as a seed treatment or foliar spray to promote growth processes and photosynthesis. The results from previous trials indicate that Larixifol-treated plants experienced greater initial growth and lower mortality rates than the control plants. In addition, the product has been found to be effective in treating late-stage infections in hemp.



## Bacilifol

Bacilifol is a highly concentrated starter based on *Bacillus amyloliquefaciens* that is available in a wettable powder form. Unlike many other *Bacillus amyloliquefaciens* products in the market, Bacilifol is unique in that it is marine-based. This special feature provides immediate growth spurts to all forms of plant life when applied as a foliar or seed treatment.

The current pack size of Bacilifol is 1kg, but it will be available in 2.2lb. foil packages soon. Bacilifol is highly effective and has the potential to benefit almost any crop, shrub, ornamental, or turf. The product has been sprayed on ornamentals and has shown remarkable results.

One of the key features of Bacilifol is that it acts as a natural plant health improvement additive. When applied to plants, Bacilifol strengthens the plant's immune system and makes it more resilient to diseases and pests. It also improves the plant's nutrient uptake and utilization, resulting in healthier and more vigorous growth. As a result, plants treated with Bacilifol are less likely to require synthetic fertilizers or pesticides, making it an excellent option for organic growers.