

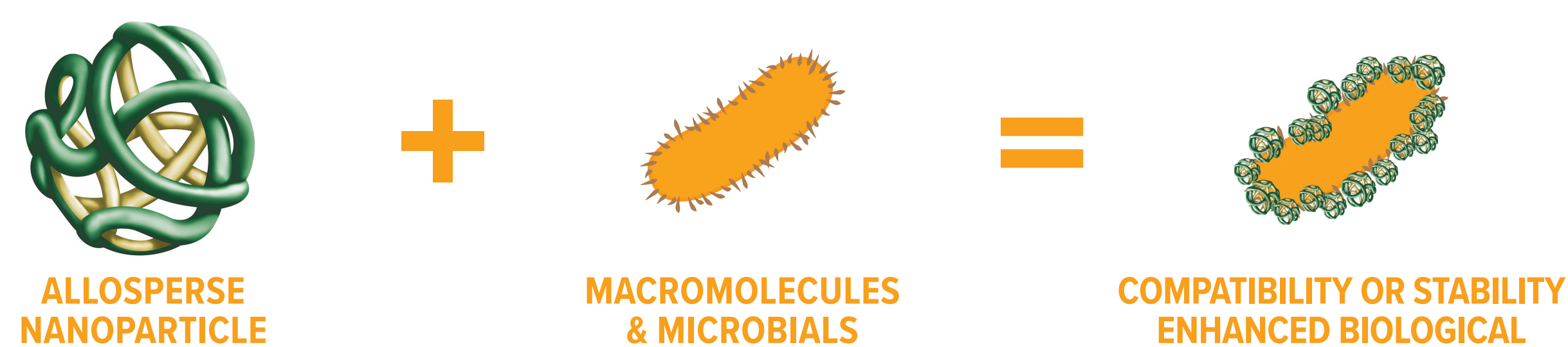
Vive Crop Protection

At Vive®, we create Precision Chemistry™ crop protection solutions to help simplify grower production challenges. Powered by Vive's patented Allosperse® Delivery System, we optimize conventional and biological crop inputs to deliver improved product performance from the jug to the field.

Vive Crop Protection: Agriculture's Drug Delivery Company

All Vive products contain the Allosperse Delivery System, a unique proprietary technology that changes how proven biological and chemical active ingredients behave in the jug and after application.

When a biological or chemical is applied, it needs to go straight to the problem without causing issues in other areas. Vive's Allosperse Delivery System uses patented nano-polymer 'shuttles' to carry an active ingredient where it needs to go.



Allosperse targets and optimizes the interaction between chemical or biological active ingredients and liquid fertilizers, micronutrients, and other chemistries to ensure product compatibility and performance is at its very best.

In addition, the Allosperse nanoparticle protects the active ingredient from the surrounding environment.

There are many parallels between the pharmaceutical and agricultural industries. With it now taking approximately \$300M and 13 years to bring a novel active ingredient to the ag market, there is a strong need for a drug delivery type technology such as Allosperse, to help improve the performance of conventional and biological active ingredients. The key to increasing efficacy in the future will be the enhanced delivery of existing chemistries or biological pesticides to the right place, in the right amount, and at the right time.

2023 Precision Chemistry™ Product Portfolio

Vive's Precision Chemistry crop protection portfolio currently consists of six products: four insecticides, one fungicide, and the industry's first three-way biological + chemical + Allosperse fungicide, AZterknot®.



AZterknot combines the bio-stimulant benefits of *Reynoutria sachalinensis* extract with the trusted performance of Azoxystrobin and the ease-of-use of Allosperse to provide groundbreaking disease control, improved plant health and stress tolerance, all in one easy-to-use application. This powerful combination fungicide delivers peace of mind and a strong return on investment.



AZterknot®

CONVENTIONAL + BIOLOGICAL + ALLOSPERSE



Competing Product

CONVENTIONAL + BIOLOGICAL WITHOUT ALLOSPERSE

Sales Team: Released in 2021, AZterknot found strong commercial success in the U.S., selling out its first year and experiencing large adoption by growers in 2022 by 5x. This is thanks in large part to Vive's growing U.S. commercial sales team.

Recently adding four new agricultural professionals to the team, Vive products are sold across the U.S. through various distribution channels. Vive currently has a strong sales and marketing team of 19 with plans of adding four more positions.

Better Biologicals: Using Precision Chemistry to Build Robust Biologicals

Advantage #1

Stable Active Ingredients

Enhances the stability and viability of biological actives by protecting them from unfavorable environmental conditions from the jug through application.

Advantage #2

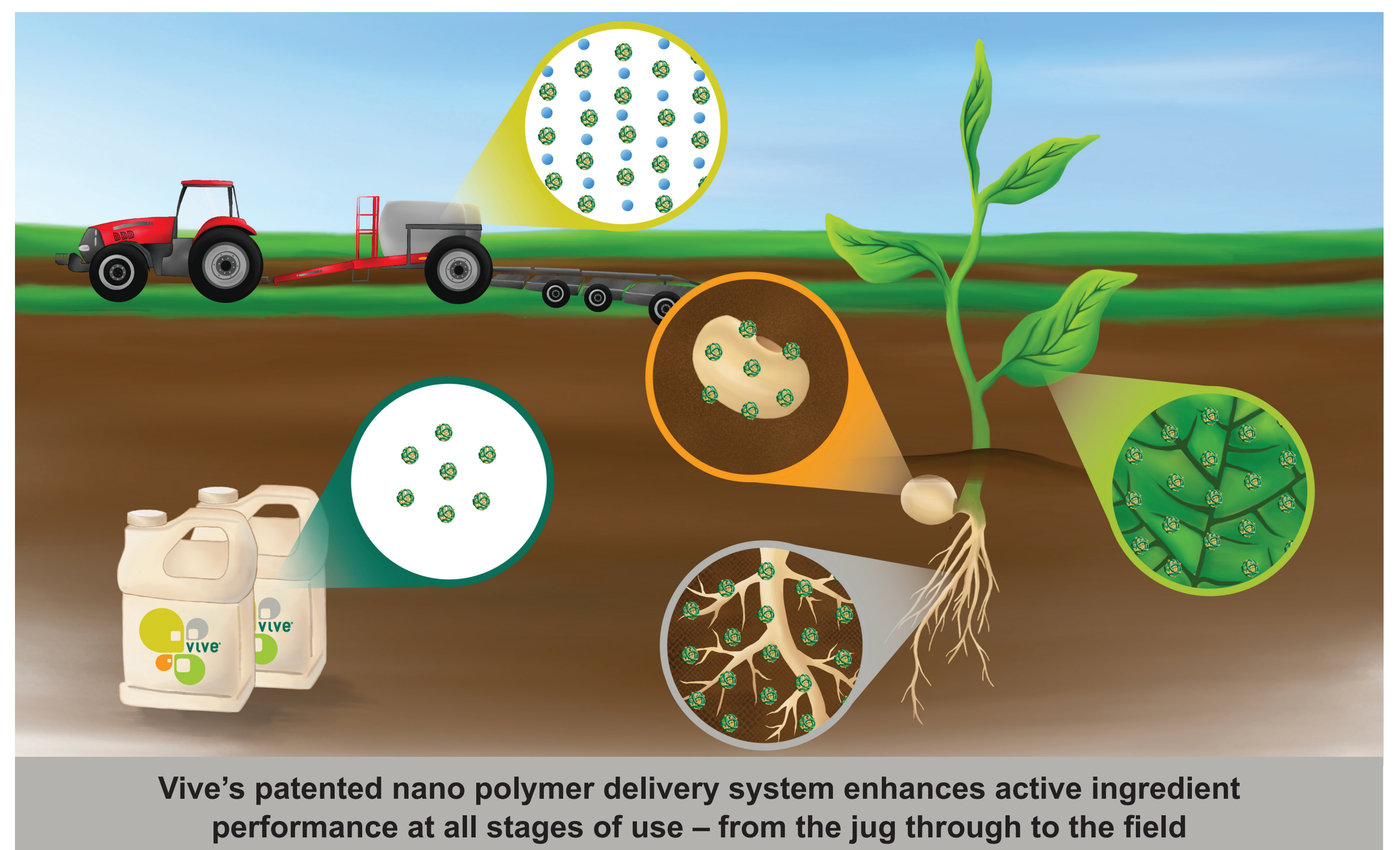
Maximum Product Shelf-Life

Enables the creation of stable aqueous products with longer shelf-life and solutions that are free from settling.

Advantage #3

Tank Mix Compatible Solutions

Creates products that are stable, viable and compatible with commercial products and other tank-mix partners, even permitting complicated mixtures.



Work With Vive to Expand Your Market Access

Opportunity #1

Let's discuss how Vive's Allosperse Delivery System technology can aid in your development efforts!

Opportunity #2

At Vive, we believe that not only can we help improve straight biological product performance, but that bringing combinations of a proven synthetic and a biological is a way for quicker adoption and drives sustainability with overall reduced A.I. load to the environment. Let's discuss these potential joint opportunities!

Opportunity #3

Leverage our five years of commercial success in the U.S. market while continuing to expand our R & D pipeline and commercial product entries. Let's discuss how Vive can grow your commercial market access!

To Learn More:

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Vive Crop Protection Website

For more information about Vive visit www.vivecrop.com by scanning this QR code.

