



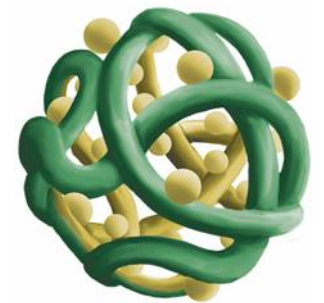
VIVE CROP PROTECTION

PRECISION CHEMISTRY™
For Real Results

WHO IS VIVE?



Vive is a crop protection technology company focused on making chemical and biological active ingredients better using patented Allosperse[®] nano-polymer delivery system



WHAT IS

NANOTECHNOLOGY?



SIMPLY

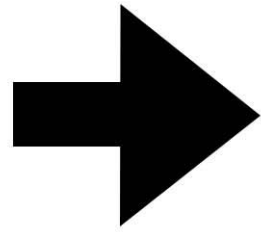
THE SCIENCE OF
VERY SMALL THINGS

THAT ARE IMPOSSIBLE TO SEE WITH THE NAKED EYE

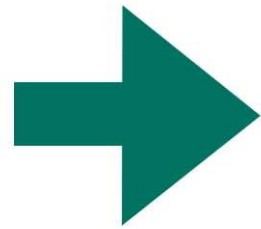


Vive uses nanotechnology to focus on mixing

Quadris
in various
fertilizers



**AZteroid
FC 3.3**
in various
fertilizers



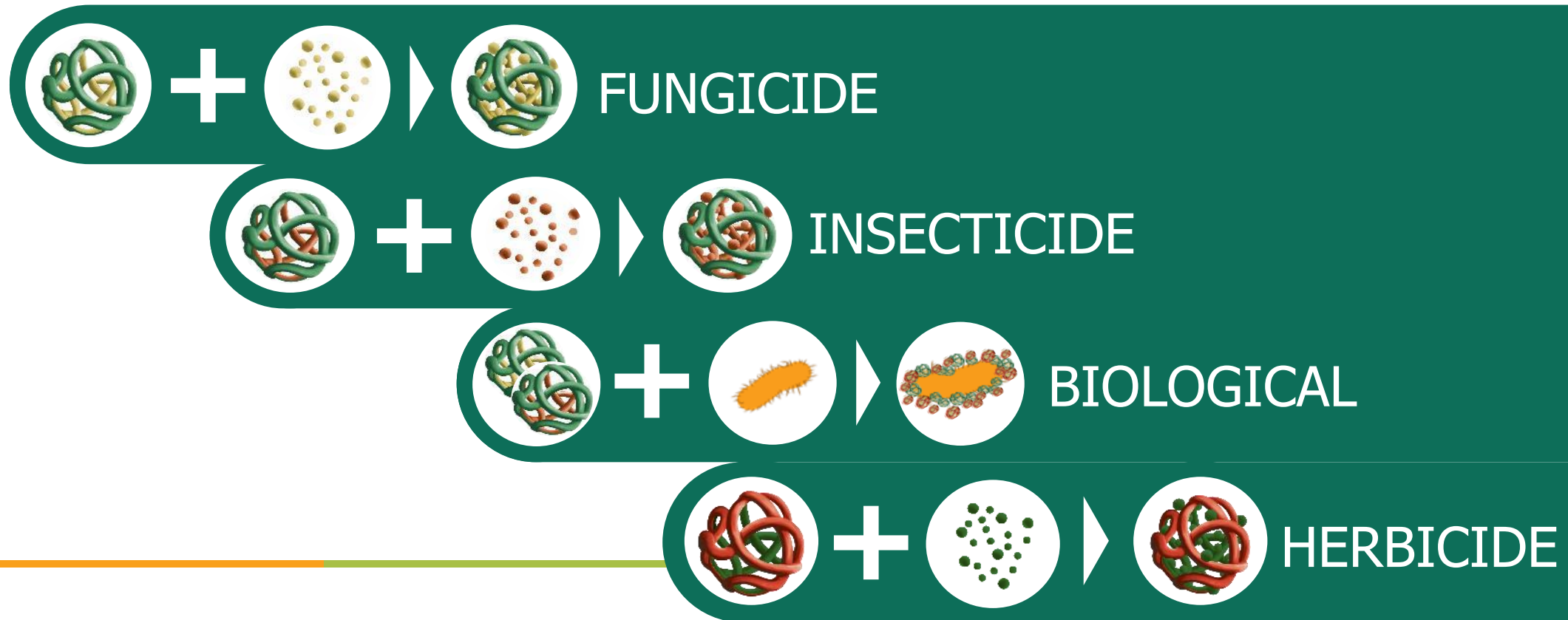
The Need for Allosperse



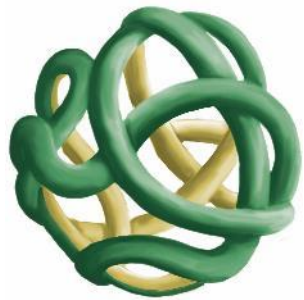
What happens when mixing competitor products with liquid fertilizer and zinc

ALLOSPERSE

CUSTOMIZABLE NANO-POLYMER



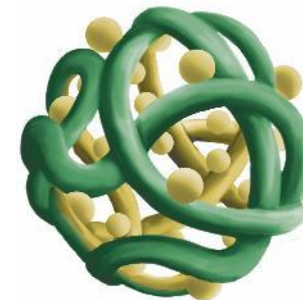
Nano-polymer shuttles carry active ingredient to intended target.



NANO SHUTTLE



ACTIVE INGREDIENT



ACTIVE INGREDIENT
with **ALLOSPERSE**

ALLOSPERSE[®]

DELIVERY SYSTEM

Enables compatibility of chemicals,
fertilizers & other crop inputs.



IN THE JUG &
TANK



ON THE
LEAF



IN THE SOIL

ALLOSPERSE[®]

DELIVERY SYSTEM

PRECISION CHEMISTRY FOR
NO MORE ...



- GUMMED UP TANK MIXES
- CLOGGED LINES, NOZZLES & FILTERS
- BLENDING AGENTS
- WASTED CROP INPUTS

COMBINED PERFORMANCE AND SUSTAINABILITY

We use patented nanotechnology to accelerate the adoption of more sustainable synthetic and biological pesticides

Today

Enhanced Traditional Products

- Growers need solutions to new challenges and sustainability demands
- New synthetics are expensive to develop and slow to bring to market
- Growers don't trust current generation biologicals



Tomorrow

Traditional Chemistry + Biologicals + Allosperse[®]

- Biologicals use increasing, but they are still outperformed by synthetics
- Slow biologicals adoption due to a history of poor performance
- Allosperse can enable high performance hybrid products with added benefits – synthetic “insurance” will encourage use



The Future

Biologicals that Outperform Synthetics

- New biologicals can outperform synthetics
- Delivery, stability, fragility and shelf life are still challenges – can be mitigated with Allosperse!
- Relevance to growers with a portfolio of synthetic, biological and hybrid solutions

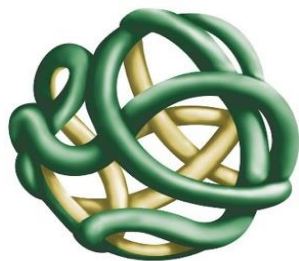


THE FUTURE OF FARMING

ALLOSPERSE®
DELIVERY
TECHNOLOGY

Delivery of Small Molecules (synthetics, plant extracts)

Allosperser Nanoparticle



Active Ingredient



Loaded Allosperser

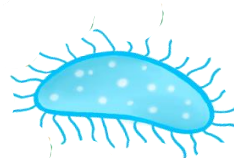


Delivery of Macro Systems (microbes, nucleic acids, proteins)

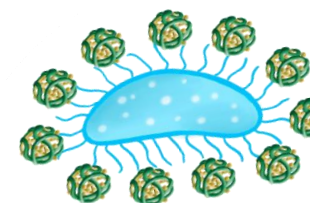
Allosperser Nanoparticles



Biological



Enhanced Biological



PRODUCT PLATFORMS

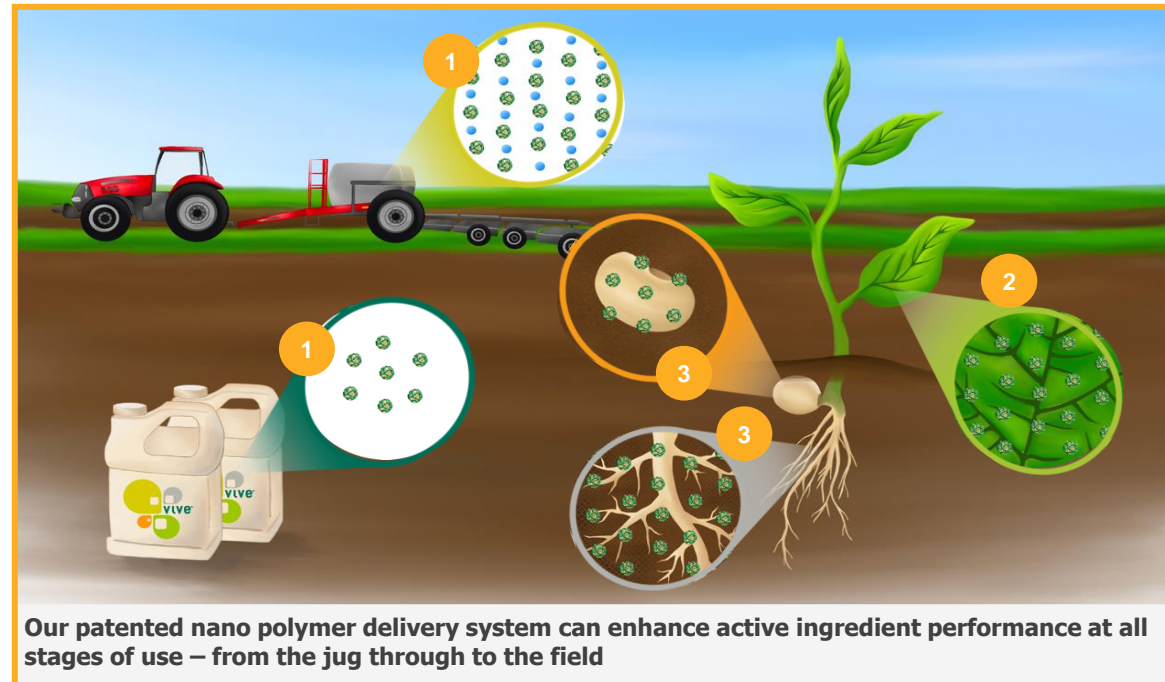
Our product platforms represent current, near-term and longer-term opportunities

Product Platforms

1 Commercial Today: Improved stability, viability and in-tank mixing of plant extracts and synthetics

2 Near-Term: Extending and increasing stability, viability and mixing of synthetics, microbes and nucleic acids for foliar applications

3 Longer-Term: Better seed and soil treatments



EXCEPTIONAL

CUSTOMER

SATISFACTION

97%

OF CUSTOMERS

WILL RE-USE VIVE
PRODUCTS IN 2022

90%

OF CUSTOMERS

RATED VIVE PRODUCTS
EITHER 4/5 OR 5/5 FOR
MIXING

97%

OF CUSTOMERS

WOULD RECOMMEND
VIVE PRODUCTS TO
FRIENDS AND
NEIGHBORS

PRODUCTS: AZteroid® FC 3.3, AZterknot® , BIFENDER FC, XYLER FC, MIDAC FC, AVERLAND FC. 2022. 290 RESPONSES

WWW.VIVECROP.COM

CONTACT

INFO

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VIVE CROP PROTECTION

