

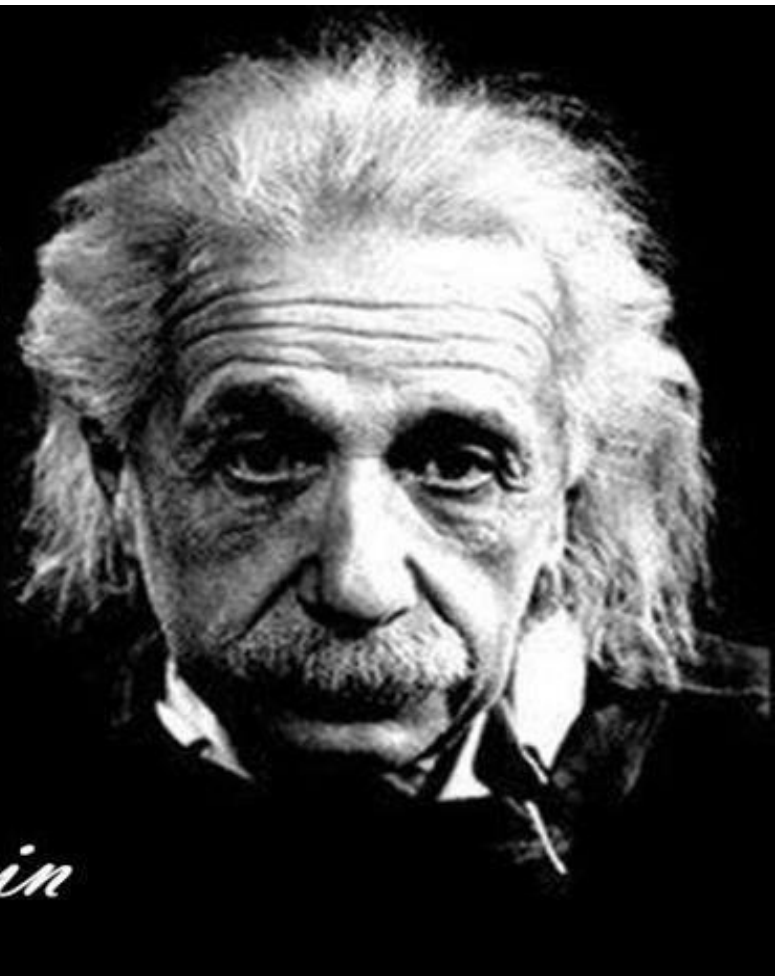
Believe the Unbelievable!®

Want MORE from every acre?



Organisan
corporation

WE CANNOT SOLVE
OUR PROBLEMS WITH
THE SAME THINKING
WE USED WHEN
WE CREATED THEM



~ Albert Einstein



Introducing a new product line with revolutionary technology proven to greatly increase the efficacy of fungicides, fertilizers, herbicides, insecticides, and nutritional sprays.

Major Points of Usage

- Chitosan-based products
- Apply to Turf, Fruit, Vegetables, Ornamentals, and Row Crops
- LOW USAGE RATE
- Apply at ANYTIME in the Growing Season
- Friendly to our environment!



Believe the Unbelievable!™

Flagship Product: OII-YS™

Our basic adjuvant formulation was established in 2008. It is a unique all natural adjuvant proven to greatly increase the efficacy of fungicides, fertilizers, herbicides, insecticides, and nutritional sprays.



OII-YS™ is our conventional adjuvant. Can be used when organic formulation is not required.

Enhancer 2, created in 2018, is a more concentrated formula for critical applications.



Got Nematodes? Get Nemasan!

NEMASAN is a novel nematicide, chitosan-based formulation made from specialized ingredients. For effective control of plant-parasitic nematodes in the soil. For application to fruit, vegetables, ornamentals, row crops and turf.

***CAN BE USED AT ANY TIME
DURING THE GROWING SEASON!***



Don't let Nematodes take over your crops. At first sign, use Nemasan. Many farmers are proactively spraying and their results are unbelievable! Their per acre yields are greater, product quality is superior and their overall health and vigor is noticeably better.

2018: Photo on the left was sent to us from a customer who tested this field at 400 nematodes per 100 cc soil.

The producer used Nemasan with ENHAN-CER and within 8 days went from 400 Nematodes per 100 cc soil to 0.



Chitosan

What is it?

Where does it come from?

What does it do?

How does it work?

Why should I use it?



- Deacetylated chitin
- Shells of crustaceans, cell walls of certain fungi
- Plays a key role in transpiration (see next slide)



GAS to the FIRE

Partial List of Chitosanolytic Organisms

Organism	What It Does	Crops	Persistence
Rhizobium species	Form nitrogen-fixing nodules on roots of legumes	Legumes	Several years if legumes are regularly grown.
Azospirillum, Azobacter, Bacillis, and Burkholderia	Rhizosphere bacteria that fix nitrogen.	Corn, rice, wheat	Occur naturally in many soils and persist for years depending on soil conditions.
Mycorrhizal fungi	Increase uptake of phosphorus, other nutrients and water. Increase disease and drought resistance	Most crops except spinach broccoli and cabbage	Several years if host plants are grown.
Bacillis, Pseudomonas, Streptomyces, and Gliocladium species	Release inhibitory compounds and activate plant resistance against numerous plant diseases above and below ground.	Cucumber, melons, squash, leafy vegetables	Populations decrease over time to low numbers in the soil.
Bacillisthuriensis	Kills larvae of butterflies, beetles, fly larvae and nematodes	Most crops	Less than 4 days on foliage, 3 months in the soil.
Trichoderma species	Rhizosphere fungi that release anti-pathogen substances and promote plant growth	Flowers, ornamentals, vegetables, root and fruit crops	Survive indefinitely in lower numbers in most soils

Chitosan-based product benefits

IMPROVE

The Health and Vigor of
Your Plants

DECREASE

Transpiration Loss up to
50%

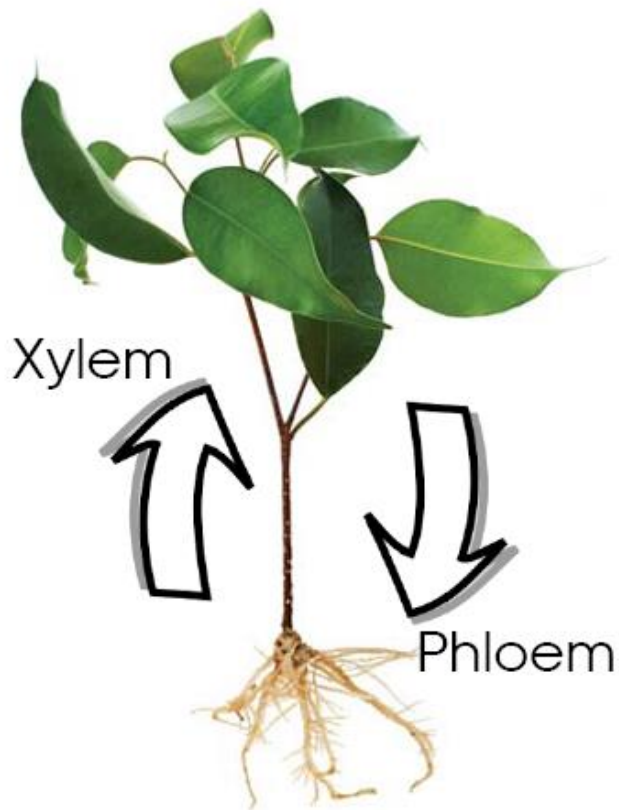
EXTEND

The Growing Season of Your
Crops



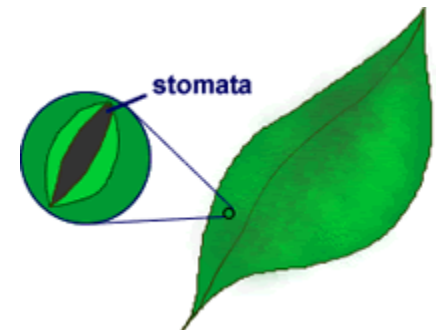
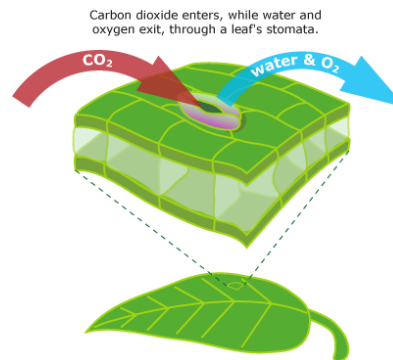
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Transpiration- Key movement from plant to root



Key movement from plant to root

- * Transpiration is the main process of water movement within plant tissues.
- : Water is constantly transpired from the plant through its **stomata** to the atmosphere and replaced by soil water taken up by the roots.
- : Transpiration assists the plant in absorbing nutrients from the soil as soluble salts.
- : **Chitosan enters the leaf and induces closure of the plant's stomata, resulting in decreased transpiration.**
- : **Ask about our Transpiration Presentation for more details on this subject!**



SEE why you use a chitosan-based product!

Test Plot



Sugar beet side by side test



Wheat Roots from Tom Wood's Farm in 2017



2018 Potato

White beans side by side test



Treated vs. Untreated

OII-YS on Tomato/Leaf Curl Virus



Treated



Un-Treated

**Results may vary and are not guaranteed. Test after test of various crops have shown when you use one of our adjuvants with your normal protocol of other treatments, the treated portion produces healthier plants and bigger and overall better yields.*



OII-YS on Peanuts/Georgia



Wheat/Montana

Treated vs. Untreated



Consistent results on treated areas include:

- * Root Mass: The roots are tighter, bigger, fuller and longer in all areas of the root ball.
- * Chlorophyll: The intensity of the green color in the plants stems is extremely evident.
- * Stem Diameter: In side by side tests, producers noticed significant overall diameter and fullness of the treated. It's easy to see how the treated is getting proliferation of the stems as opposed to the untreated
- * Overall Yield – Consistently larger and healthier than non treated areas



2018 Montana
Barley Field
Same Boy
Same Day
Treated – left
Untreated - right



Soybean Seed and Chitosan

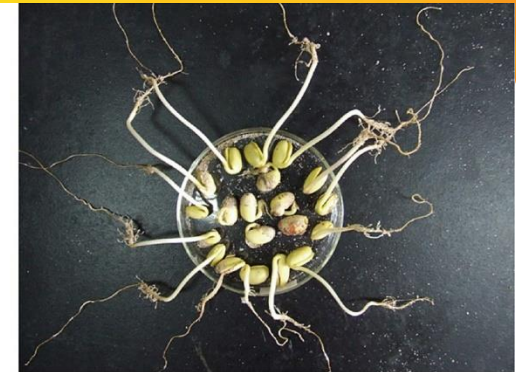
**Want more information
on Chitosan?**

**There are literally thousands of
scientific studies from around the
world available on the internet.**

**A quick google search on Chitosan
and your crop will produce reports.**

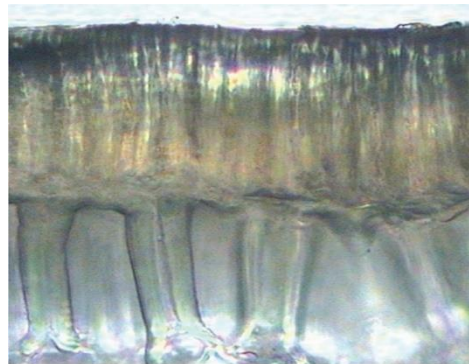


(a) Coated with NP

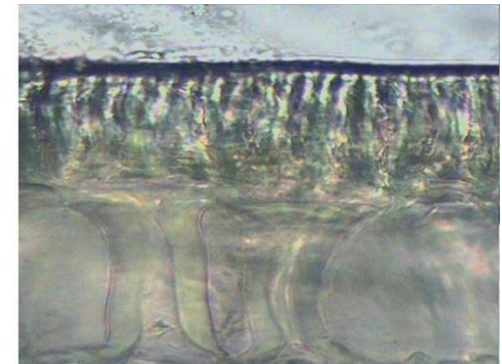


(b) CK

FIGURE 1: Contrast section photos of soybean seedling growth coated with NP and CK.



(a) Coated with NP



(b) CK

FIGURE 2: Contrast section photos of coated-seeds' and uncoated-seeds' surface membrane.

Source Hindawi Publishing Corporation, International Journal of Carbohydrate Chemistry
Volume 2012, Article ID 104565, 5 pages, doi:10.1155/2012/104565

Research Article **Application of Bioactive Coatings Based on Chitosan for Soybean Seed Protection.**

CitriSan: You must lower pH to 5.0 or below!



Lowering the pH to 5.0 or below with our products is critical. We offer CitriSan, to help.

- * CitriSan supplied in convenient packets (40/ pail).
- * About 1 packet to every 100 gallons (check rate with your local water conditions and spray mixes).
- * Readily soluble.
- * Compatible with all Organisan products.
- * OMRI Listed® so it can be used in certified organic and conventional agriculture.



History, Production and 10th Anniversary

Robin Borden: President and CEO of O2YS and Organisan Corporations

A graduate of Mississippi State, Agronomist Robin Borden has culminated his 50+ year career with the development of OII-YS™. As the visionary of OII-YS™, Robin acknowledges that he was the core of many pieces that came together around him that led to the full development of the product. After securing the manufacturing rights, Robin has lead a team to produce, test and distribute the product that is changing the agriculture landscape across the globe. O2YS products are currently being used in 10 countries spanning over 4 continents.

Dr. André Blanchard, among other degrees, holds a Ph.D in Plant Molecular Biology from the University of Exeter (southwest England) and is originally from south Louisiana. Dr. Blanchard heads up our production and research and development team from our plant in Broussard, La. His orientation with chitosan over the past 18 years has involved researching and formulating new products, designing manufacturing processes, marketing and commercialization.

Together, Robin and Dr. Blanchard created the first liquid (sprayable), chitosan-based adjuvant in 2008.



As of 2018, O2YS Corporation is the proprietary manufacturer, and Organisan Corporation serves as the distribution company. Visit our website to learn more about our full team.



Believe the Unbelievable!™

*We look forward to
helping you
MAXIMIZE RESULTS!*

Organisan
corporation

Sales:

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John Hendrix: 601-383-3648

Tom Wood: 208-317-4580

Robin Borden: 601-624-4747

