

# CONCEPT AGRITEK

CUSTOM SOLUTIONS THROUGH  
AGRONOMY, BIOLOGY, & CHEMISTRY



# CA

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**HISTORY**

*2010*

*2012*

*2014*

*2015-17*

*2018*

*2019-20*

*2021*

*2022*

*2023*

**CA**

# AGRICULTURE INNOVATION



**CONCEPT AGRITEK**  
Founded

Distribution for liquid nitrogen, phosphorus, potassium & micronutrients

**FOLIAR RX** – Proprietary, carbon-based foliar

**BIOVATE** – Proprietary, carbon-based product for feeding biology and stimulating plant development



**NITROTEK**  
Carbon based nitrogen stabilizer technology



**BIOTEK**  
Suspended state biological technology

**RESIDUE RX** – Consortium of bacteria and fungi to convert crop residue into organic matter

**BUNCHA BUGS** – Bugs in liquid form first biological product that only had about 2 dozen strains of bacteria

**BUNCHA BUGS ST** – Biological seed treatment

**WASTEMASTER** – Digestive animal manure treatment



**TRANSMAXX**

Translocation technology for foliar applications of historically ineffective nutrients (including calcium)



**ROOTTEK**  
Technology to improve root development



**STRESSTEK**  
Increase plant health and immunity to reduce stress on crops

**BIOVATE XP** – (BioTek + RootTek) Complex food source to boost microbial populations and root development in soil

**BUNCHA BUGS DF** – Dry form bugs, increased biological strains, increased shelf life to 3 years

**NUTRIHANCE** – Soil nutrient enhancer by increasing availability by reducing tie-up in the soil profile

**BIO-AID** – EPA-Certified fungicide



**PENETEK**

Soil penetrating technology to increase biological activity

**BIOHEALTH** – Combination of nutrition and microbes to boost plant health

**CHITOCIDE** – EPA-Registered nematicide

**CARBON RX** - High quality carbon booster



**FLAVONOID**  
Technology to enhance nature's growth process



**AMINOTEK**  
Technology to trigger mitochondria and increase metabolism



# WHY CONCEPT AGRITEK?

Are you ready to revolutionize your ag operation? Join us at Concept Agritek and transform the way you cultivate, nurture, and protect your crops. Here's why Concept Agritek is your trusted partner for growth:

## **TRUST:**

At the heart of Concept Agritek lies a team of local growers and partners who understand your struggles intimately. We empathize with the challenges you face and have made it our mission to provide solutions that resonate with the voice of our customers. With a decade of unwavering commitment, we've cultivated trust year after year. We not only keep our word but also listen to yours, ensuring we meet your unique needs every step of the way.

## **SCIENCE:**

Science fuels our passion. We're dedicated to crafting custom solutions through the synergy of agronomy, biology, and chemistry. Our extensive portfolio of over 70 products is meticulously developed in our cutting-edge US-based labs. The results of rigorous testing in our ever-expanding production facility in Missouri speak for themselves. Curious minds are welcome to schedule a visit to our Charleston, MO facility. We'd be thrilled to host your family or team and showcase our pride and joy. Our commitment to growth extends beyond our products—we've quadrupled our facility's size and have no plans of slowing down.

## **VARIETY:**

We recognize the volatility of production costs and the constant threat they present to the Family Farm. That's why we're relentless in our pursuit of innovative ways to help you

achieve more with less. Concept AgriTek empowers you to diversify your operation with new commodities, practices, or forms of protection that positively impact your bottom line. Our research and development promise is simple: we deliver a return on investment, or we discard it. While we offer solutions for staple crops, our expertise extends to specialty crops as well. Our seasoned agronomy team stands ready to collaborate with you, explore new strategies, share best practices, and grow together.

## **VALUE:**

Our ultimate goal is to provide you with the best value in the industry. From our dedicated sales team to our passionate agronomists, from our efficient shipping department to our savvy finance experts, from our creative marketing professionals to our committed ownership, we're all part of the same team, united by a single mission—to foster the growth of your business. Each sales meeting begins with customer success stories as a reminder that what we deliver can make a significant difference. Our technology, whether applied to soil or seed, in furrow or broadcast, across one acre or a million, is engineered to do more with less, maximizing your returns.

## **JOIN THE CA FAMILY!**

Together, we'll cultivate success, break new ground, and reap the rewards of innovation. Embrace the future of agriculture with us, and let's nurture growth, one seed at a time. Your journey to agricultural excellence starts here! Try our products, see the results. Grow your business by becoming a local dealer. Or join our team and gain access to the ground floor!

## TECHNOLOGIES

Since 2010, Concept AgriTek has leveraged deep industry knowledge and experience to develop an innovative, unmatched product portfolio that satisfies real grower pain points.

Along the way, we realized that some solutions don't exist which led us to create proprietary technologies that set us apart in the market and in the field.

Concept AgriTek products, powered by these technologies, improve soil health, produce higher yields and deliver return on investment when used according to plan. And the plan is where it all starts!

Understanding your soil is key to producing a valuable crop yield. The agronomy team at Concept AgriTek creates personalized fertility programs using our latest advancements in agronomy, biology and chemistry.

Discover what a difference Concept AgriTek technologies can make to your bottom line.



AminoTek is comprised of a non-essential amino acid that triggers the mitochondria to increase production of ATP. This increased ATP production leads to increased plant metabolism and affects ALL aspects of the plant: vegetative growth, root growth, improved blossom set, improved fruit or grain set, etc. AminoTek does not have a point of diminishing return; the more that's applied to the plant, the greater and longer the overall metabolism of the plant is stimulated.

It's the driving force of this product:

### AminoGro

- Mitochondria are the energy center of a cell
- ATP is considered the "molecule of life" and is the fuel of the cell
- AminoTek can be applied through soil/planter application or as a foliar application
- Amino Tek can increase production of ATP for 7-10 days after application

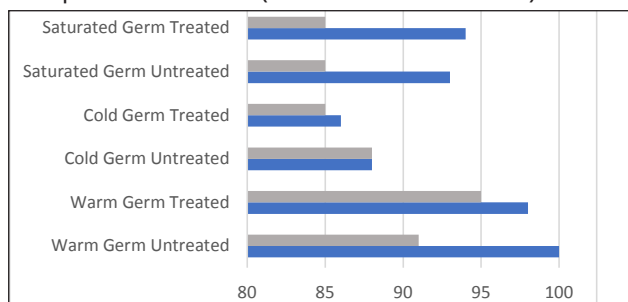


BioTek is a biological technology that delivers a large consortium of biology. BioTek technology allows extraction of nonliving material from living biology.

It's the driving force of these products:

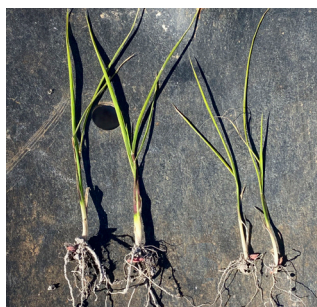
- |                        |                           |                          |
|------------------------|---------------------------|--------------------------|
| <b>BioAid</b>          | <b>Bio Health</b>         | <b>BioRice</b>           |
| <b>BioRite</b>         | <b>Biovate XP</b>         | <b>Buncha Bugs DF ST</b> |
| <b>Buncha Bugs DF</b>  | <b>Chitocide</b>          | <b>Peg RX</b>            |
| <b>Residue RX</b>      | <b>Salt X</b>             | <b>Seed Guard Bio</b>    |
| <b>Soil Revive</b>     | <b>Starter 20/20 Plus</b> |                          |
| <b>Total Phos Plus</b> | <b>WasteMaster</b>        |                          |

Soybeans treated with **Buncha Bugs DF ST** with **BIOTEK** technology (shown in blue) had strong germination in ideal conditions (warm) and significantly better germination in suboptimal conditions (cold and saturated cold).



In foliar trials, **BioRice** with **BIOTEK** technology delivered a 9.5 bu/acre yield average over three on-farm replications. BioRice also includes **PENETEK** and **ROOTTEK** technologies.

	Treated Pre-flood	Untreated	Treated After Harvest	Untreated
<b>Soil Test Control</b>				
Orthophosphate	17.2	17.8	30.5	13
Phosphorus	17	16	35	15
Potassium	41	49	22	17
Calcium	418	285	481	247



This rice, treated with **BioRice**, powered by **BIOTEK** technology showed early signs of success.

# NITROTEK

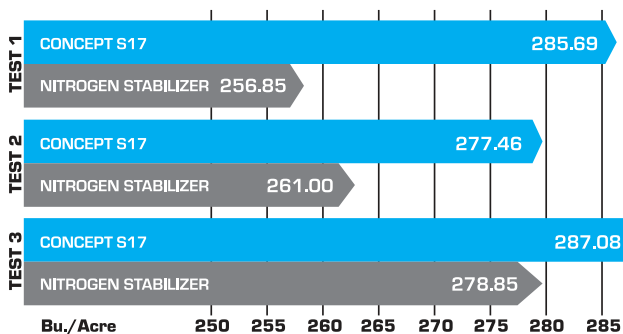
NitroTek is an advanced nitrogen stabilization technology that increases nitrogen uptake while decreasing leaching and volatilization. This technology is natural and safe to soil biology and the handler.

It's the driving force of these products:

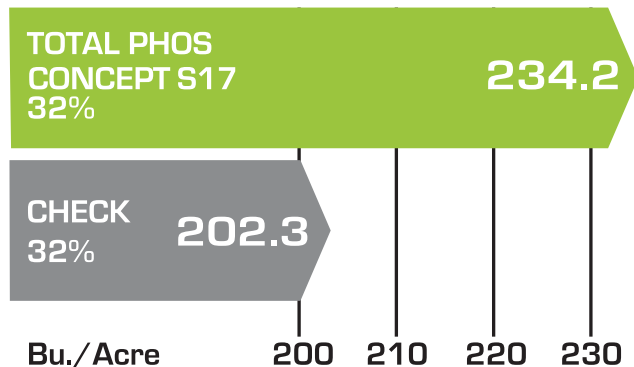
## Nitro Guard

### Concept S17

An Indiana corn grower saved big when testing **Concept S17** powered by **NITROTEK** against a standard nitrogen stabilizer. With nearly an 18 bu/acre advantage, the operation profited over \$70/acre compared to a competitive nitrogen stabilizer.



A South Dakota corn grower trialed **Total Phos** and **Concept S17** powered by **NITROTEK** noting improvements in root depth and vascular system development pre-harvest, and celebrated a 31.9 bu/acre advantage once the yield data results hit.



# ROOTTEK

RootTek technology enhances root and stalk development by bolstering the plant hormones.

RootTek provides plants with early season nutrition to promote strong and vigorous root development. Tank-mix compatibility with a large variety of products makes RootTek products a great addition to any application. These can be applied via seed treatment, in-furrow or broadcast to help lessen the effects of stress.

It's the driving force of these products:

## BioRice BioRite Biovate XP Seed Guard Bio

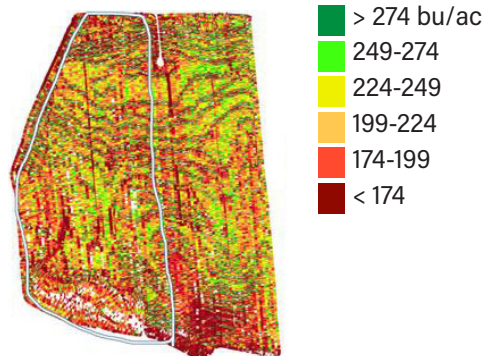
North Carolina farmer Curtis Furr, owner of Big Bear Creek Farms, experienced a 6 bu./acre advantage on soybean fields he's worked for about 50-years. He used **Biovate XP**, powered by **ROOTTEK**, resulting in, "some of the best beans I've got right now"

Three on-farm replications averaged a 9.5 bu/acre advantage using **BioRice**, powered by **ROOTTEK**, **PENETEK** and **BIOTEK** technologies.

	Pre-Flood		Harvested	
	BioRice	Check	BioRice	Check
Orthophosphate	17.2	17.8	30.5	13.0
Phosphorus	17.0	16.0	35.0	15.0
Potassium	41.0	49.0	22.0	17.0
Calcium	418	285	481	247

Results in ppm

This field of rice struggled to get water for 4 weeks. Thanks to **Total 10** and **BioRice**, powered by **ROOTTEK**, **PENETEK** and **BIOTEK**, drought didn't stop this farm from seeing its best yields yet.





# PENETEK

PeneTek is a soil penetration technology that reduces soil compaction, improves soil structure, increases water infiltration, and increases biological activity.

It's the driving force of these products:

**BioRice**      **BioRite**      **Salt X**      **Soil Revive**

**BioRite**, powered by **PENETEK**, **ROOTTEK** and **BIOTEK**, proved positive to decrease soil crusting and deliver results for these non-irrigated soybean acres in Virginia.



A northern grower put 2 gallons of Salt X, with PeneTek technology, on a field that hosts corn, soybeans and pinto beans. Year over year, the soil sample lowered chloride 100 ppm and increased Olson soil test up 5 ppm.



# STRESSTEK

StressTek technology reduces the effects of stress a crop is exposed to by boosting the plant's health and immune system. Naturally, it reduces yield loss and maintains a positive growth habit during periods of environmental stress. This technology is considered a breakthrough in plant stress mitigation. Applied prior to an upcoming stress event, the technology reduces the effects of the event.

It's the driving force of these products:

**Concept B10**      **Concept N25B**      **Foliar K**  
**Foliar RX**      **Total 10**

A Missouri grower earned over \$18/acre return on investment on corn treated with **Foliar K**, powered by **STRESSTEK**, with a 7 bushel advantage over untreated acres.



In Northeast Illinois, a grower was able to reduce UAN and sidedress with **STRESSTEK's Concept K13, S17 and B10**. See the difference!



# TRANSMAXX

TransMaxx is a proprietary translocation technology for applying foliar crop nutrition. This technology enables the systemic translocation of various nutritional elements throughout the xylem and phloem of all crops. TransMaxx provides the most advanced and effective nutrient delivery system available to achieve a robust and healthy plant. TransMaxx delivers "hard to get" nutrients such as calcium to the plant. TransMaxx products can easily be mixed in-tank with most crop protectants and other fertilizers.

It's the driving force of these products:

**CalBor**      **Foliar 20/20**      **Fulvic Force**  
**Nutri Tek**      **Sweet Fulvic**      **Trans BMO**  
**Trans ZN**

In Northwest Iowa, a grower saw an advantage across the board with **CalBor**, **Sweet Success** and **Foliar K**. The field treated with **TRANSMAXX** technology perform 4.3 bu. better and return on investment was nearly \$50/acre.



An Arkansas soybean grower looking to gain a few weeks by desiccating the field found an added boost from **Sweet Fulvic**, powered by **TRANSMAXX**.

# BUNCHA BUGS DF ST

*Maximum biology and inoculant in one*

SCAN FOR  
MORE  
INFO:



POWERED BY:



**APPLICATION RATE:**

.52 oz. per hundredweight of seed

Buncha Bugs® DF ST is a biological seed treatment containing a natural consortium of beneficial soil microbes that specialize in releasing bound phosphorus, potassium, and micro-nutrients.

Buncha Bugs DF ST introduces a healthy colony of beneficial soil bacteria right on the seed. The microbes begin working right at soil contact. This means more available nitrogen, phosphorus, potassium, and essential micro-nutrients in the seedbed with added benefits from the microbes like increased soil tilth, better percolation, and water retention. See the structural difference in the treated stalks, shown below.

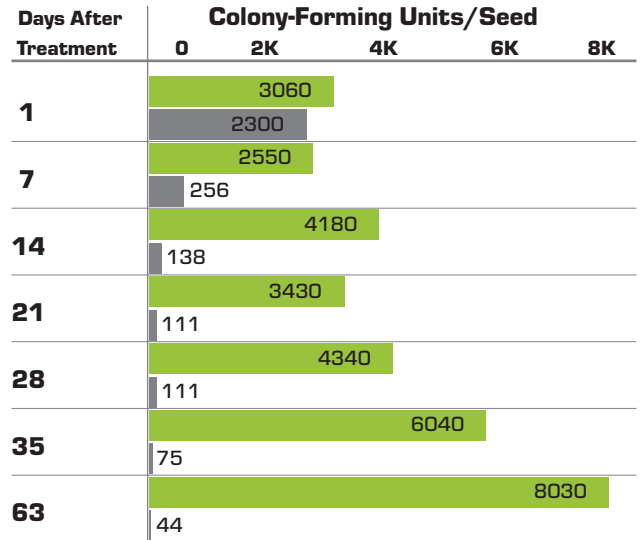
- Increases available N, P, K, and micro-nutrients in the seedbed
- Increases soil tilth, better percolation, and water retention



- Mixes readily with fungicides, insecticides, and even molybdenum

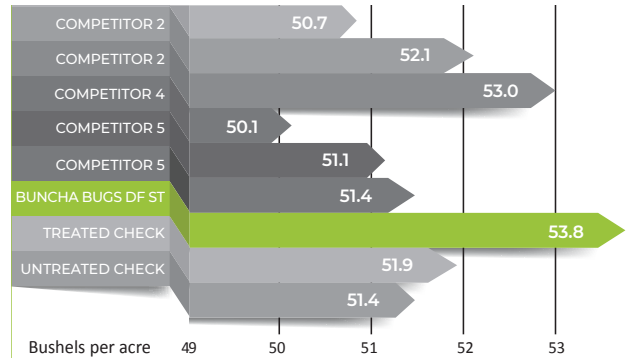
## BUNCHA BUGS DF ST VIABILITY TEST

Unlike traditional inoculants, Buncha Bugs DF ST did not decrease in performance. Note the continual increase in performance over time.



**BUNCHA BUGS DF ST**  
**COMPETITOR**

## OHIO STATE SEED TREATMENT TRIAL



# SEED GUARD BIO

Give your seeds that *EXTRA* they need for maximum performance

POWERED BY:



APPLICATION RATE:

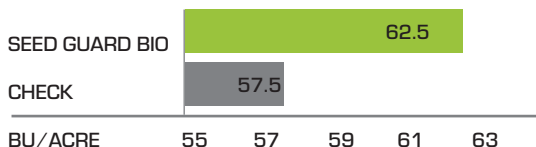
4 fl. oz. per hundredweight of seed

Seed Guard Bio is a 4-in-1 product that gives you an inoculant, root stimulant, biology, and a microbial food source all in one. Our BioTek technology also does something no other biological product has done; the microbial population on the seed actually increases after treatment, allowing you to treat your seed earlier.

- Seed inoculant for all seed types – N fixing bacteria
- Biological that increases – Phosphorus mineralizing bacteria
- Root stimulant – Enzymes and Hormones
- Microbial food source

## SOYBEANS AND SEED GUARD BIO

In Illinois, a grower put Seed Guard Bio to the test and saw a 5 bu./acre yield advantage. At the time, soybeans were \$12.50/bu. and Seed Guard Bio calculated at \$7.88/hundred weight resulting in \$54.62/acre return on investment.



SCAN FOR PRODUCT VIDEOS:



## STARS AND STRIPES

A grower from Michigan saw visible proof of Seed Guard Bio performance value. On the right, see as applied planting. The blue stripes indicate where Seed Guard Bio was used. The green is not treated with Seed Guard Bio. The performance shows on the Ndpi imagery on left.



## PROMOTING CROP YIELD INCREASE

Promoting crop productivity begins before the first seed is planted. For example, it is critical to select quality seeds that have passed stringent quality tests and have been properly certified. Certified seeds may cost more than noncertified seeds, but the resulting crop is well worth the extra investment.

Once the proper seed has been selected, Concept AgriTek can help maximize that investment with our line of pesticidal and biological seed treatment products.

Seed Guard Bio is a 4-in-1 product that gives you an inoculant, root stimulant, biology and a microbial food sources all in one. Our Bio-Tek technology also does something no other biological product has done: the microbial population on the seed actually increases after treatment, allowing you to treat your seed earlier.

Buncha Bugs DF ST is a biological seed treatment containing a natural consortium of beneficial soil microbes that specialize in releasing bound phosphorous, potassium and other micronutrients. It introduces a healthy colony of beneficial soil bacteria right on the seed and increases soil tilth, better percolation and water retention.

# BIORICE

*Proven biological for rice*

POWERED BY:



SCAN FOR  
PRODUCT  
VIDEOS:



APPLICATION RATE:

Broadcast 32 fl. oz/acre

BioRice has a consortium of microbes that are not only able to withstand, but actually flourish, in flooded, non-oxygenated conditions. This allows the nutrients that become bound under a flood to release.

- The PeneTek soil penetrant carries the microbes into the soil profile so they are not affected by ultraviolet light
- Can be broadcast with burndown or early herbicide application
- Helps next year's crop by having healthier soil after the flood

### YIELD INCREASE PROVEN

Three on-farm replications averaged a 9.5 bushel per acre advantage using BioRice with BioTek, PeneTek, and RootTek technologies.

CONTROL (PPM)	TREATED PRE-FLOOD	UNTREATED PRE-FLOOD	TREATED POST HARVEST	UNTREATED POST HARVEST
Orthophosphate	17.2	17.8	30.5	13
Phosphorus	17	16	35	15
Potassium	41	49	22	17
Calcium	418	285	481	247



### BIO RICE YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Arkansas	Rice@\$8	233 bu/ac	218 bu/ac	+ 15 bu/ac, (+) 6.9%	+ \$102.07/ac

### BIO RITE YIELD DATA

2022	Arkansas	Corn@\$5	208 bu/ac	196 bu/ac	+ 12 bu/ac, (+) 6.1%	+ \$42/ac
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## BIORITE

*A biological you can broadcast*

POWERED BY:



SCAN FOR  
PRODUCT  
VIDEOS:



**APPLICATION RATE:**

Broadcast 32 fl. oz/acre

BioRite offers the Buncha Bugs DF microbial blend along with the RootTek technology, a food source for microbes, and our new soil penetrant technology PeneTek.

- The PeneTek soil penetrant carries the microbes into the soil profile so they are not affected by ultraviolet light.
- Can be broadcast with burndown or early herbicide application
- Excellent results on all soils and crops
- Can aid in decreasing soil crusting

### NON-IRRIGATED SOYBEANS SHINE

This Virginia grower saw visible advantage with BioRite on their soybeans. The difference showed up again at market!



## BIOVATE XP

*Fuel biological activity while enhancing root and stalk development*

POWERED BY:



SCAN FOR  
PRODUCT  
VIDEOS:



**APPLICATION RATE:**

Planter: 16 fl. oz./acre

Broadcast: 32 fl. oz./acre

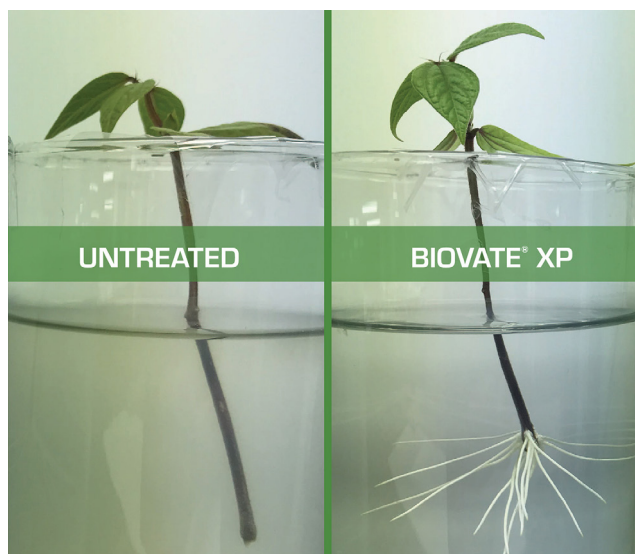
Fertigation: 32 fl. oz./acre

Biovate XP enhances root and stalk development by bolstering plant hormones. Biovate XP provides a complex food source to boost microbial populations in the soil.

- Aids in plant health during stress
- Increases microbial activity by providing energy to developing plants
- Pairs with Buncha Bugs® to increase microbial development and effectiveness
- Enhances root and stalk development by bolstering the plant's hormones

### JUMP START WITH TECHNOLOGY

After seven days the start treated with technology shows an incredible advantage in development.



# BUNCHA BUGS DF

*Unlock soil's true potential*

POWERED BY:



SCAN FOR  
PRODUCT  
VIDEOS:



**APPLICATION RATE:**

Planter: 1 oz./acre

Fertigation: 2 oz./acre

Using our proprietary BioTek technology, Concept AgriTek is able to formulate a large consortium of bacteria, fungi, protozoa, and enzymes designed to enhance soil and plant health, called Buncha Bugs DF.

- Increases available N, P, K, and micro-nutrients in the soil
- Increases soil tilth, percolation, and water retention
- Increases biomass above and below ground level

**DOUBLE OR NOTHING!**

See the difference on these in-furrow plots in Indiana. Over untreated, the competitor came in with a 27.8 bu./acre advantage while Buncha Bugs DF and Biovate XP® doubled that with a 60 bu./acre advantage.



## BUNCHA BUGS DF & BIOVATE XP YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2022	Missouri	Corn	237.3 bu/ac	222.2 bu/ac	+ 15.1 bu/ac, (+) 6.8%	+ \$58.46/ac
2022	Indiana	Corn	284.2 bu/ac	269.2 bu/ac*	+ 15 bu/ac, (+) 5.6%	+ \$60.92/ac
2022	Missouri	Soybeans	62.3 bu/ac	55 bu/ac	+ 7.3 bu/ac, (+) 13.3%	+ \$70.56/ac

\* Competitor Biology

ROI Corn @\$5, Soybeans @\$12

## CONCEPT MN

*High quality EDTA chelated manganese*

**GUARANTEED ANALYSIS:**

Manganese (Mn)..... 6%  
 6% ..... Water Soluble Manganese

SCAN FOR  
 PRODUCT  
 INFO:



**DERIVED FROM:** Manganese EDTA

**APPLICATION RATE:**

Planter: 16-32 fl. oz./acre  
 Foliar: 16-32 fl. oz./acre

Concept Mn greatly aids in the photosynthetic process and serves as a stress mitigator in plants. Concept Mn performs best when applied at early growth stages.

- Increases plant respiration and nitrogen assimilation
- Can be applied at planting in furrow or foliar
- Mixes well with most liquid products

## CONCEPT Z9

*High quality EDTA chelated zinc*

**GUARANTEED ANALYSIS:**

Zinc (Zn): ..... 9%

SCAN FOR  
 PRODUCT  
 INFO:



**DERIVED FROM:** Zinc EDTA

**APPLICATION RATE:**

Planter: 32 – 64 fl. oz/acre Broadcast: 32 – 64 fl. oz/acre

Concept Z9 is an EDTA chelated 9% zinc product. Zinc is critical to early development and season long plant health.

- Excellent choice for pre-plant, planting, and side-dress applications of zinc
- Good mix ability with other fertilizers and chemical

## HUMIC 12

*Clean, high-quality liquid humic at 12% concentrate*

SCAN FOR  
 PRODUCT  
 INFO:



**APPLICATION RATE:**

Planter: 32 – 128 fl. oz./acre  
 Broadcast: 32 – 128 fl. oz./acre

Humic 12 is a humic carbon source for plants.

- Humic acid derived from some of the best leonardite sources available in a 12% concentration
- Provides a temporary increase in cation-exchange capacity (CEC) that helps to hold on to fertilizer in high-leaching environments
- Adds additional carbon to the soil for plant uptake in low organic matter soils

### WHAT MAKES TEAM CA DIFFERENT?

We sat down with Kevin Kalb, award winning Indiana farmer, owner of Kalb Farms, and television star of *Live to Farm* on the Discovery channel and RFDTV. Kevin had this to say of his Concept AgriTek experience...

"In my opinion, Craig (Barriball, Key Account Manager) puts the word "trust" in the trusted advisor phrase that gets thrown around in our industry. Terry and I can tell you that we both feel like we're getting more than a product from Concept AgriTek. We've had members of their agronomy and research agronomy teams in our fields over the summer as well as support from their sales team, and we feel good that the products are made in Missouri."



## NOT ALL HUMICS ARE CREATED EQUAL

Not all humics, fulvics, and sugars are created equal, even though a lot of people tend to lump them into the same arena.

"It's just like any other nutrient, it's where they are derived from, it's a big deal," Mark Glastetter, Concept AgriTek Sales Director says.

Weaver agrees and says that finding Concept AgriTek was eye-opening to what he says had become a complacent outlook on humic and fulvic acids.

"We've tested a lot of humic and fulvics, and we thought we'd know the best, but then we met you (Glastetter) and Kyle (Shepherd, Concept AgriTek District Sales Manager), and there was one thing that really led me to Carbon RX and that was the amino acid. We were adding amino acids into our products, and when I found Carbon RX, it already had the amino acid in it. So now I had a humic product with the amino acid and that took a step out. Amino acids are crucial for what we're doing in high yield corn and bean production, so once I got onto it, we made a full switch that first year to CarbonRX, and we haven't looked back now for three years. It's been a phenomenal journey," Weaver says.

Weaver adds that complacency is an easy place to get to when it comes to humics and sugars because there are so many different options on the market. A lot of companies, he says, will quote in gallons, quarts and pints, but price isn't a concern for his operation.

"I don't care about the price – I worry about the quality and the mixing. CarbonRX mixes. There's so many other products on the market that won't mix."

Availability should be another paramount concern for all producers, Weaver says.

"You guys have done testing. One thing we've found over the years with Carbon RX, because of the amino acid and the higher quality of humic that you're starting with, it's readily available to the plant instantaneously versus a lot of the competitors on the market."

## HUMIC 6

*Clean, high-quality, liquid humic at 6% concentrate*

SCAN FOR  
PRODUCT  
INFO:



### APPLICATION RATE:

Planter: 32 – 128 fl. oz./acre

Broadcast: 32 – 128 fl. oz./acre

Humic 6 is a humic carbon source for plants.

- Humic acid derived from some of the best leonardite sources available in a 6% concentration
- Provides a temporary increase in cation-exchange capacity (CEC) that helps to hold on to fertilizer in high-leaching environments
- Adds additional carbon to the soil for plant uptake in low organic matter soils



**IN FURROW:** HUMIC 6,  
MICRO PAK, CONCEPT Z9 &  
CONCEPT MN

**UNTREATED**

**FOLIAR:** FOLIAR K, CALBOR

**SIDEDRESS:** CONCEPT S17,  
CONCEPT B10, CONCEPT K13

## MICRO PAK

*Micro-nutrient package specifically formulated for early season nutrition*

SCAN FOR PRODUCT INFO:



**GUARANTEED ANALYSIS:**

Sulfur (S): .....2%  
 Combined Sulfur (S): .....2%  
 Cobalt (Co): .....0.0005%  
 Manganese (Mn): .....2%  
 Molybdenum (Mo): .....0.0005%  
 Zinc (Zn): .....2%

**DERIVED FROM:** Ammonium Thiosulfate, Cobalt EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA

**APPLICATION RATE:**

Planter: 32 - 64 fl. oz./acre  
 Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Micro Pak is a specific blend of micro-nutrients that targets early plant vigor, nutrition, and health; formulated to be applied with pre-plant and at-planting applications.

- Includes manganese that increases potassium uptake
- Includes molybdenum that is vital for nitrogen fixation by rhizobia bacteria
- Includes cobalt, assists in CO2 absorption

**BUILDING A STRONG FOUNDATION**

Thicker stalks and a more robust root system out of Southeast Arkansas. This cotton was treated with Starter 20/20, Micro Pak, and Carbon RX at planting. Nutrihance at 3-5 true leaves. Bio Health and Sweet Success at first bloom then repeat at 4 nodes. Proven results with 55 bolls on untreated, 70 bolls on treated.



UNTREATED

TREATED

## STARTER 20/20

*Unique raw ingredients for better plant absorption*

SCAN FOR PRODUCT INFO:



**GUARANTEED ANALYSIS:**

Nitrogen (N): .....0%  
 Phosphorus (P<sub>2</sub>O<sub>5</sub>): .....20%  
 Potassium(K<sub>2</sub>O): .....20%

**DERIVED FROM:** Monopotassium Phosphate, Dipotassium Phosphate

**APPLICATION RATE:**

Planter: 1 - 8 gal./acre      Broadcast: 1 - 12 gal./acre  
 Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Starter 20/20 is a unique formulation that makes nutrients more available for plant uptake by breaking down organic material for easier absorption through cell walls.

- Ensures a well-rounded start to producing yield by providing a good balance of phosphorus and potassium
- Allows for optimum germination and emergence



UNTREATED

TREATED

# STARTER 20/20 PLUS

Unique raw ingredients for better plant absorption

SCAN FOR  
PRODUCT  
INFO:



POWERED BY:



**GUARANTEED ANALYSIS:**

Nitrogen (N): ..... 0%  
 Phosphorus (P<sub>2</sub>O<sub>5</sub>): .....20%  
 Potassium(K<sub>2</sub>O): .....20%

**DERIVED FROM:**

Monopotassium Phosphate, Dipotassium Phosphate

**APPLICATION RATE:**

Planter: 1 - 8 gal./acre      Broadcast: 1 - 12 gal./acre  
 Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Starter 20/20 Plus is a unique formulation that makes nutrients more available for plant uptake by breaking down organic material for easier absorption through cell walls. With the addition of BioTek technology, farmers know they are getting the maximum benefit out of this low salt starter fertilizer.

“Plus” is enzymes that have been extracted from native soils using the BioTek Technology. These native enzymes make nutrients more available for plant uptake, by breaking down organic material into small enough molecules for plants to absorb through their cell walls.

- Ensures a well-rounded start to producing yield by providing a good balance of phosphorus and potassium
- Allows for optimum germination and emergence

# TOTAL PHOS

Maximum phosphorus

SCAN FOR  
PRODUCT  
INFO:



**GUARANTEED ANALYSIS:**

Nitrogen (N): ..... 8%  
 Phosphorus (P<sub>2</sub>O<sub>5</sub>): .....29%  
 Potassium(K<sub>2</sub>O): .....2%

**DERIVED FROM:** Ammonia, Urea, Phosphoric Acid, Potassium Hydroxide

**APPLICATION RATE:**

Planter: 1 - 8 gal./acre  
 Broadcast: 1 - 12 gal./acre  
 Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Total Phos is specifically formulated to have the highest phosphorus analysis while maintaining the lowest salt content attainable.

- Provides maximum phosphorus safely at planting
- Encourages seedlings to develop more rapidly, increases water use efficiency, and promotes early plant formation and growth
- Low-salt fertilizer

**GREAT START!**

This Midwest grower is off to a great start with 1 gallon of Carbon RX, 7 gallons of Total Phos, and 10 gallons 25-0-0-8.



## TOTAL PHOS YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2022	Iowa	Corn	230.2 bu/ac	220.9 bu/ac	+ 9.3 bu/ac, (+) 4.2%	+ \$31.60/ac

ROI Corn @\$5

# TOTAL PHOS PLUS

Maximum phosphorus with nutrient releasing technology



SCAN FOR PRODUCT INFO:



**GUARANTEED ANALYSIS:**

Nitrogen (N): ..... 8%  
 Phosphorus (P<sub>2</sub>O<sub>5</sub>): .....29%  
 Potassium(K<sub>2</sub>O): .....2%

**DERIVED FROM:** Ammonia, Urea, Phosphoric Acid, Potassium Hydroxide

**APPLICATION RATE:**

Planter: 1 - 8 gal./acre

Broadcast: 1 - 12 gal./acre

Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Total Phos Plus is a unique application that makes nutrients more available for plant uptake by breaking down organic material. "Plus" is enzymes that have been extracted from native soils using the BioTek Technology. With the addition of BioTek, farmers know they are getting the maximum benefit out of this low salt starter fertilizer.

- Provides maximum phosphorus safely at planting
- Encourages seedlings to develop more rapidly, increases water use efficiency, and promotes early plant formation and growth
- Low-salt fertilizer

**SEE THE DIFFERENCE & SAVE**

See the root development and performance advantage in the corn using Total Phos Plus.



## REVOLUTIONIZING AG WITH TECHNOLOGY: THE GRIMES FAMILY'S SUCCESS STORY

Just outside of Osborn, Missouri, the Grimes family is making their mark on agriculture and helping neighboring farmers find the value of technology that moves the needle for soil health, plant health, yield and sustainability. The family has served the farm community as a Burrus seed dealer for more than 25 years and also offers a one-stop-shop for agronomic chemicals.

New in 2022, Trent, the youngest generation to work on the operation, introduced Concept AgriTek products both to the farm and to the farmers he works with in the community. Now entering his second season of application both on his own acres and as a dealer, Trent shares that he couldn't be happier.

"I was watching the Corn Warriors show on YouTube and heard a few commercials about Concept AgriTek. When I did a little research, I learned that they were based out of and make their products in Missouri, and I figured they would be a good fit. I was right," Grimes says. "I started out just wanting to try their Buncha Bugs product until I sat down and talked with Tyler Meyer, our rep."

In 2022, Grimes farms utilized Bunch Bugs, Biovate XP, and Total Phos on corn starter. For fungicide, the operation used Sweet Success, Nutri Tek and Bio Health. The results, Grimes says, were nothing short of amazing.

"I wouldn't be without Nutri Tek and Sweet Success together in a post herbicide pass," Grimes says. "A couple of days after we applied it, we couldn't believe how those corn plants perked up. Typically when you run a herbicide pass you'll have a couple of days where the plants will get a yellow tinge to them from the chemical. We didn't have that on the corn where we used Nutri Tek and Sweet Success, it was like giving those plants a booster shot in the arm."

Grimes shares that the yield monitor also told the story. He saw a 10-bushel difference on the corn acres where Buncha Bugs, Biovate XP, Micro Pak and Total Phos were applied.

# BIO HEALTH

*Cutting edge plant health amendment*

SCAN FOR  
PRODUCT  
INFO:



POWERED BY:



**GUARANTEED ANALYSIS:**

Soluble Potash (K <sub>2</sub> O).....	1%
Bacillus Mucilaginosus.....	7.08x10 <sup>6</sup> CFU/g
Bacillus Megaterium.....	1.8x10 <sup>6</sup> CFU/g
Bacillus Subtilis.....	3.6x10 <sup>6</sup> CFU/g
Bacillus Licheniformis.....	1.8x10 <sup>6</sup> CFU/g
Bacillus Simplex.....	1.8x10 <sup>6</sup> CFU/g

**APPLICATION RATE:**

Foliar: 32 fl oz./acre

Bio Health is crafted to boost plant health and provide natural resistance to stresses caused by external pressures. Bio Health combines nutrition and a robust consortium of microbes into a product designed to boost plant health. The active biology in Bio Health actually colonizes the plant and works within it to boost its immune system. These naturally occurring microbes work in concert with the plant's immune system to create a natural suit of armor to mitigate loss due to external pressures.

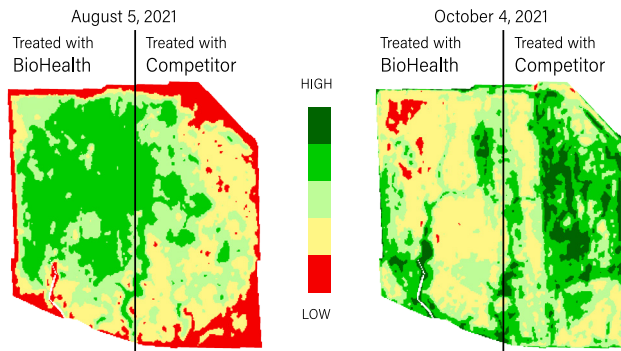
- Tested across a wide variety of crops in a wide range of regions
- Naturally occurring microbes selected for specific abilities to boost plant health and be active in a wide range of plants

**NORTHERN SUCCESS**

In South Dakota, a trial of Bio Health and a competitor delivered outstanding data points. Bio Health treated plants were healthier during the reproductive stage and had higher photosynthetic activity. Hosting a healthy plant, that matures correctly, drops leaves

and dries stems for an easier harvest. Bio Health treated plants allowed for a 3 mph advantage in combine speed during harvest. Finally, the yield results marked success. Bio Health resulted in a 7 bu./acre average yield advantage.

## STRESS IMAGERY



# BIOAID

*EPA-Registered Fungicide*

SCAN FOR  
PRODUCT  
VIDEOS:



POWERED BY:



**GUARANTEED ANALYSIS:**

Mono- and di-potassium salts of Phosphorus Acid.....	45.5%
Other Ingredients.....	54.5%
TOTAL.....	100%

**APPLICATION RATE:**

Foliar: 32 fl oz./acre

BioAid, powered by BioTek, is a fungicide that delivers an initial contact kill, and suppresses and controls phytophthora, pythium, and downy mildew.

- Safe to the user and to the environment
- Provides contact control of many fungal pests
- Cost comparative at two application versus popular commercial competitors

## BIO HEALTH & SWEET SUCCESS YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Soybeans	68.6 bu/ac	62.5 bu/ac	+ 6.1 bu/ac, (+) 9.8%	+ \$61.48/ac

## BIOAID YIELD DATA

2022	North Carolina	Soybeans	50.3 bu/ac	49.1 bu/ac	+ 1.2 bu/ac, (+) 2.4%	+ \$3.10/ac
* Competitor Fungicide						ROI Soybeans @\$12

**YIELD ADVANTAGE WITH BIOAID**

A corn grower in North Carolina saw a 5.5 bushel yield advantage over the competition and nearly 9 bushels over the check with one application and even more with a second application. Similar results were found with soybeans in North Carolina. At first application, the advantage was 10.4 bushels.

**CALBOR**

*Finally a foliar calcium that works!*

POWERED BY:  
 **TRANSMAXX**

**GUARANTEED ANALYSIS:**

Calcium (Ca): .....10%  
 Boron (B): .....3%

**DERIVED FROM:**

Calcium Carbonate, Boric Acid

**APPLICATION RATE:**

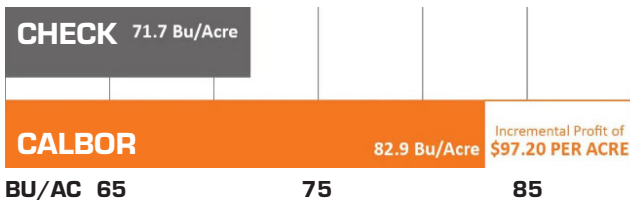
Foliar: 16 – 32 fl. oz./acre

Driven by Concept AgriTek's TransMaxx technology, CalBor is a foliar product delivers a blend of calcium and boron into the tissue of the plant with unrivaled efficiency. It's like water, every plant needs it!

- Gets calcium and boron into the plant
- Increases water uptake and retention
- Aids in pollination and retention of fruiting bodies

**CALBOR, SOYBEANS AND PROFIT**

Southern Ag Services out of Mississippi saw nearly a \$100/acre incremental profit on soybeans treated with CalBor. The cost of CalBor calculated using a 16 oz. application rate.



SCAN FOR  
PRODUCT  
VIDEOS:



**CHITOCIDE**

*EPA-Registered Nematicide*

POWERED BY:  
 **BIOTEK**



SCAN FOR  
PRODUCT  
VIDEOS:



**GUARANTEED ANALYSIS:**

Quillaja Extract\*.....8.0%  
 Chitosan.....2.0%  
 Other Ingredients..... 90.0%

**DERIVED FROM:** Product contains 0.69% Saponins of Quillaja Saponaria

**APPLICATION RATE:**

In-Furrow: 16 – 32 fl oz per acre  
 Broadcast: 16 – 32 fl. oz. per acre

Chitocide is the only broadcast nematicide on the market! Chitocide effectively controls and suppresses plant-parasitic nematodes in the soil. Chitocide is dual mode of action, safe to the user and the environment, and is cost comparative at two applications.

- Can be applied to row crops, fruit, vegetables, turf and ornamentals where nematodes are present
- Can be applied in-furrow or broadcast
- Field trials show excellent control of soybean cyst and root knot nematodes
- In-field observations show as good or better nematode suppression than soil fumigants

**REDUCING NEMATODE COUNT**

Auburn University in Alabama was able to reduce crop loss by applying Chitocide to soybeans. Nematode counts on the control were 94 and Chitocide treated resulted in 36.

**CHITOCIDE YIELD DATA**

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Corn	263.2 bu/ac	193.7 bu/ac	+ 69.5 bu/ac, (+) 35.9%	+ \$330.24/ac
2023	Missouri	Soybeans	66 bu/ac	63.4 bu/ac	+ 2.6 bu/ac, (+) 4.1%	+ \$13.94/ac

ROI Corn@\$5, Soybeans@\$12

# CONCEPT B10

Finally a boron you can count on

SCAN FOR  
PRODUCT  
INFO:



POWERED BY:



### GUARANTEED ANALYSIS

Boron (B): .....10%

DERIVED FROM: Boric Acid

### APPLICATION RATE:

Foliar: 16-32 fl. oz. per acre

Side-dress: 16-32 fl. oz. per acre

Note: Boron can be toxic to seedlings and plants if over-applied.

Concept B10 is a 10% boron. Concept AgriTek's exclusive StressTek® technology is added to reduce plant stress. Boron is a highly overlooked micro-nutrient that is needed by all plants.

- Adequate late-season boron levels are essential for good test weight
- Necessary for nitrogen metabolism and protein formation

## HIGHER FOR THE HOOSIER

A grower in Indiana found success supplementing his sidedress with Concept B10, S17 and K13. See the difference!

Untreated Sidedress 28 Description, photos and more				Treated B10, S17, K13 Description, photos and more					
Harvested	Moisture	Avg Yield		Harvested	Moisture	Avg Yield			
9.6 ac	18.1 %	214 bu/ac		10.2 ac	17.6 %	221 bu/ac			
By Hybrid			Avg Yield	acre	By Hybrid			Avg Yield	acre
207-87VT2	214	8.1		207-87VT2	221	8.9			
209-15STXRIB	213	1.6		209-15STXRIB	221	1.3			
By Soil			Avg Yield	acre	By Soil			Avg Yield	acre
Houghton muck	221	2.6		Houghton muck	230	0.6			
Drummer silty clay l...	218	1.2		Drummer silty clay l...	224	3.4			
Corwin silt loam, 2 t...	210	5.9		Corwin silt loam, 2 t...	219	6.3			

# CONCEPT N25B

Slow release nitrogen with boron to steadily feed plant

SCAN FOR  
PRODUCT  
INFO:



POWERED BY:



### GUARANTEED ANALYSIS:

Nitrogen (N): .....25%

Boron (B): .....0.5%

DERIVED FROM: Urea-triazone and Boric Acid

APPLICATION RATE: Foliar: 0.5-2 gal. per acre

Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Concept N25B is a slow release nitrogen, with boron, specifically formulated to foliar feed plants for weeks. StressTek technology has been added to increase stress tolerance of the plant.

- Excellent crop safety for low injury risk
- Feeds crop for weeks
- Excellent source for foliar nitrogen

# FOLIAR 20/20

Systemic foliar phosphorus and potassium

SCAN FOR  
PRODUCT  
VIDEOS:



POWERED BY:



### GUARANTEED ANALYSIS:

Nitrogen (N): .....0%

Phosphorus (P2O5): .....20%

Soluble Potash (K2O): .....20%

### DERIVED FROM:

Monopotassium Phosphate, Dipotassium Phosphate

APPLICATION RATE: Foliar: 16 fl. oz./acre

Foliar 20/20 uses TransMaxx technology to drive phosphorus and potassium into the plant.

- TransMaxx technology is proven to get more P and K into the plant than competitor products at a lower usage rate
- Allows for foliar correction to the plant when phosphorus is being tied up in the soil
- Gives a phosphorus and potassium boost at critical growth stages

# FOLIAR K

*Highest quality foliar potassium with StressTek*

SCAN FOR  
PRODUCT  
VIDEOS:



POWERED BY:



**GUARANTEED ANALYSIS:**

Nitrogen (N): .....0%  
 Phosphorus (P): .....0%  
 Potassium (K<sub>2</sub>O): .....24%

**DERIVED FROM:** Potassium Acetate

**APPLICATION RATE:** Foliar: 0.5 – 2 gal. per acre  
 Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Concept AgriTek has made a great product even better. Now, Foliar K® has StressTek® Technology added to help mitigate stress during the growing season.

- Lower salt level for less crop injury
- Increases drought tolerance by providing the plant with proper potassium levels
- Helps protein synthesis by increasing the plants ability to convert nitrogen to protein

**EASY ROI WITH COTTON**

A Mississippi grower plotted Foliar K, a competitor and untreated acres. Concept AgriTek had a 330 lb. per acre advantage equating to over \$60 per acre!

# FOLIAR RX

*Prescription for better plant health and stress mitigation*

SCAN FOR  
PRODUCT  
INFO:



POWERED BY:



**GUARANTEED ANALYSIS:**

Nitrogen (N): .....2%  
 Potassium (K<sub>2</sub>O): .....1%  
 Sulfur (S): .....1.8%  
 Boron (B): .....0.1%  
 Manganese (Mn): .....1%  
 Zinc (Zn): .....1%

**DERIVED FROM:**

Urea, Potassium Hydroxide, Boric Acid, Manganese Sulfate, Zinc Sulfate

**APPLICATION RATE:** Foliar: 32 fl oz./acre

Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

Foliar RX has always helped with stress, but with StressTek technology, it performs next level. Foliar RX is a specific blend of fulvic acid, micro-nutrients, enzymes, and other plant and biological stimulants that assist in overall plant health.

- Increases plant health and nutrient uptake
- Decreases environmental effects of stress
- Boosts plant energy throughout the growing season

**NON-IRRIGATED SOYBEANS**



## FOLIAR K YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Corn	218.1 bu/ac	205.5 bu/ac	+ 12.6 bu/ac, (+) 6.1%	+ \$48.14/ac

ROI Corn@\$5

## FORTI GREEN

*The iron solution for your plants*

SCAN FOR  
PRODUCT  
INFO:



**GUARANTEED ANALYSIS:**

Nitrogen (N): .....2%  
Iron (Fe): .....4.5%

**DERIVED FROM:** Iron HEDTA

**APPLICATION RATE:** Foliar: 16-32 fl. oz./acre

Forti Green is designed to provide supplemental Iron to crops in need. Forti Green is HEDTA chelated to make mixing and plant uptake easier and more efficient.

- Provides supplemental iron to plants grown in low iron soils
- Aids in potassium uptake and transport within the plant
- Forti Green's HEDTA chelation is superior to EDTA chelation

## FORTI MN

*Maximize chlorophyll production and nodule retention*

SCAN FOR  
PRODUCT  
INFO:



**GUARANTEED ANALYSIS:**

Sulfur (S): .....3%  
3.0%..... Combined Sulfur  
Manganese (Mn) .....5%  
5.0%..... Chelated Manganese

**DERIVED FROM:**

Manganese sulfate; chelating agent is glucoheptonate.

**APPLICATION RATE:** Foliar: 16 – 32 fl oz./acre

Forti Mn provides the micro-nutrient manganese (Mn). Manganese is essential in plant growth – affecting carbohydrate and nitrogen assimilation, chlorophyll production, and crop maturity.

- Critical for plant growth and health

## FULVIC FORCE

*Penetrating Surfactant*

SCAN FOR  
PRODUCT  
VIDEOS:



**POWERED BY:**



**ACTIVE INGREDIENTS:**

Fulvic Acid Complex: .....8%

**APPLICATION RATE:** Foliar: 10 – 32 fl oz./acre

This penetrating surfactant increases absorption and mobilization of herbicides, fungicides and foliar fertilizers. Fulvic particles also provide an unique health benefit to applied crops. Fulvic Force® uses TransMaxx® technology to systematically move the nutrients through the plant.

- Increases plant health and nutrient uptake
- Decreases environmental stress
- Boosts plant energy throughout the growing season

**BOOSTED DEFOLIANT**

Check out the visual advantage for this cotton grower who added Fulvic Force to the formula for a successful cotton harvest and yield .



# NUTRI TEK

*Systemic balanced micro-nutrient blend*

SCAN FOR  
PRODUCT  
VIDEOS:



POWERED BY:



**GUARANTEED ANALYSIS:**

Nitrogen (N): .....	4%
Sulfur (S): .....	3%
Boron (B): .....	0.5%
Copper (Cu): .....	0.25%
Iron (Fe): .....	0.25%
Manganese (Mn): .....	3%
Molybdenum (Mo): .....	0.001%
Zinc (Zn): .....	3%

**DERIVED FROM:**

Urea, Sodium Tetraborate, Manganese Sulfate, Zinc Sulfate, Copper Sulfate, Iron Sulfate, Sodium Molybdate

**APPLICATION RATE:** Foliar: 16-32 fl. oz./acre

Nutri Tek uses TransMaxx technology to systematically move the nutrients through the plant. The product delivers seven micro-nutrients in a foliar application designed to boost early seedling development and provide essential nutrition ahead of reproductive pull.

- Reduces plant stress
- Moves throughout the entire plant—even the roots
- Immediately absorbs nutrients to make them available to the plant

**EARLY-SEASON BOOST:  
NUTRI TEK PROVIDES NUTRITIONAL INFUSION**

At Concept AgriTek, you'll hear us talk all the time about holistic growing strategies, rooted in agronomy, biology and chemistry, that will help farmers increase yields and realize a better return on their investment.



That's why Concept AgriTek developed Nutri Tek. The foliar-applied product, featuring our proprietary TransMaxx technology, systematically moves nutrients through the entire plant, even the roots. Nutri Tek delivers seven micronutrients that help boost early seedling development and provide essential nutrition ahead of the reproductive pull.

"Using a pint of Nutri Tek (per acre) over some other ED-TA-chelated product, has proven to be very successful," said Sheldon Alt, Sales Director for Concept AgriTek. "That will look very nice from an ROI aspect."

Nutri Tek is applied at a rate of a pint per acre. Upon application, the plant immediately absorbs key nutrients and micro-nutrients, making them available to the entire plant.

"You never want your plant to have a bad day," Alt added. "And when you think of corn plants in that V4 to V8 stage, ear determination is happening, so it's a wonderful time to put some down as part of a post-herbicide pass. It is very stable and mixes well with everything, so if you're going out to do a little weed clean up, make sure it's in the tank. You'll be giving that plant everything it needs so it won't have a bad day. You're covering all your bases to make sure the plant is going to do everything it can to get a longer ear and set more rounds.

Early-season applications are crucial in any product on which Nutri Tek is used. Alt used soybeans as an example.

"Soybeans need early micronutrients. They starve for it," Alt said. "If you miss that timing of getting Nutri Tek out early in soybeans, you're going to have a really hard time catching up. Again, it's filling in those gaps of the puzzle going into more critical times in the growing season."

## PEG RX

Get more out of your peanut crop

POWERED BY:



SCAN FOR  
PRODUCT  
INFO:



APPLICATION RATE: Foliar: 16 fl. oz./acre

Peg RX is a new consortium of microbes and plant extracts that work to increase plant health and encourage more focus on flowering/fruiting than vegetative growth.

- Works with the peanut plant to stimulate more flowers and pegs
- Helps direct energy into filling out the nuts
- Creates healthier plants that produce more nuts without excess above-ground mass

## SWEET FULVIC

A 50/50 blend of Sweet Success and Fulvic Force

POWERED BY:



SCAN FOR  
PRODUCT  
INFO:



ACTIVE INGREDIENTS:

4% Fulvic acid and derived from black strap molasses

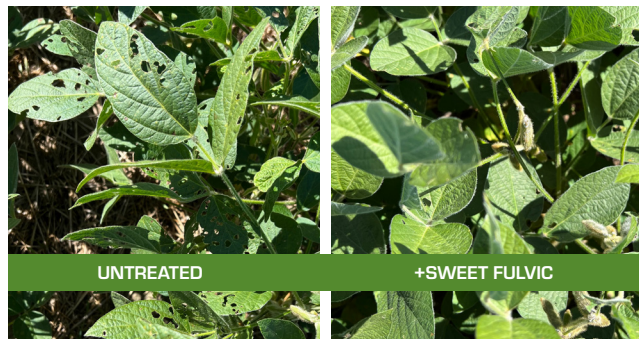
APPLICATION RATE: Broadcast: 20 – 64 oz./acre

Sweet Fulvic is the newest addition to our TransMaxx family. Sweet Fulvic is a 50/50 blend of Fulvic Force and Sweet Success with the systemic power of our TransMaxx technology, making Sweet Fulvic a workhorse product for plant health and supplemental energy source. Sweet Fulvic is designed to boost a plant's Brix levels to aid in health, as well as provide a variety of carbon sources for growth and development. This is both a penetrating surfactant and a drift control agent.

- Safe for biology
- Increases leaf penetration and acts as a sticker for increased adhesion to the leaf surface when mixed with herbicides and fungicides
- Aids in drift reduction when mixed with herbicides and fungicides

## BUGGING OUT WITH SWEET FULVIC

See the difference in these double crop soybeans! Sweet Fulvic increased the plant health, therefore mitigating the stress of insect pressure.



## SWEET SUCCESS

Energize your plants and biology  
DRIFT CONTROL AGENT

SCAN FOR  
PRODUCT  
VIDEOS:



ACTIVE INGREDIENTS:

0-0-3 Derived from black strap molasses.

APPLICATION RATE: Planter & Foliar: 10 – 128 fl oz. per acre

Sweet Success is an excellent, clean energy source that aids in keeping plants healthy and vibrant. Sweet Success is a proven drift control and anti-inversion agent, improves metabolization of herbicides and produces a boost in energy for the plant.. A blend of natural sugars to boost a plant's energy and brix levels. Higher brix equates to healthier plants and sweeter fruit.

- A highly refined complex sugar source derived from black strap molasses
- Formulated to feed soil microbes, improve the native bacterial activity, create energy for the plant, and make trace elements more accessible to the plants
- Increases brix levels in plants which can result in natural protection against leaf-feeding insects
- Delivers a diverse sugar formulation to feed many types of microbes rather than a select few

### CENTRAL MISSOURI RALLY

Scott Balance of Modern Farms saw his soybeans were struggling and hit them with Concept AgriTek's Sweet Success and Foliar RX combo. He immediately saw a color change and the results at harvest proved positive. They were hoping for 40 bushels per acre because they didn't get as much rain as anticipated, but hit numbers between 54 and 62 bushels!

## TOTAL 10

*Perfect balance of nitrogen and potassium*

POWERED BY:



SCAN FOR PRODUCT INFO:



#### GUARANTEED ANALYSIS:

Nitrogen (N): .....10%  
Phosphorous (P): .....0%  
Soluble Potash (K<sub>2</sub>O): .....10%  
Boron (B)..... 0.25%

#### DERIVED FROM:

Urea, Urea-Trizone, Potassium Acetate, Boric Acid

**APPLICATION RATE:** Foliar: 0.5 – 2 gal./acre

We use slow release nitrogen and potassium acetate to make a top of the line 10-0-10 foliar fertilizer; combined with our StressTek to help mitigate environmental stresses.

- Safe and highly effective
- More efficient than common foliar fertilizers
- Balances the N:K ratio within the plant; aiding in protein synthesis

## TRANS BMO

*Boron and Moly blend powered by TransMaxx*

POWERED BY:



SCAN FOR PRODUCT INFO:



#### GUARANTEED ANALYSIS:

Boron (B): .....5%  
Water Soluble Boron.....0.5%  
Molybdenum (Mo).....0.5%

**DERIVED FROM:** Boric Acid and Sodium Molybdate

**APPLICATION RATE:** Soil (All Crops): 32 – 96 fl. oz./acre  
Foliar (Field, Row, Vegetable and Vine Crops):  
8 – 16 fl. oz./acre  
Foliar (Fruit and Nut Tree Crops): 16 – 64 fl. oz./acre

Trans BMo is specifically formulated to deliver boron and molybdenum systemically through our TransMaxx Technology.

- Experience better Boron and Molybdenum absorption from a foliar product
- Increase Boron and Molybdenum levels in your crop as well as help with stress mitigation

## TRANS ZN

*A systemic foliar zinc*

POWERED BY:



SCAN FOR PRODUCT INFO:



#### GUARANTEED ANALYSIS:

Zinc (Z) ..... 12%  
Sulfur (S).....5%

**DERIVED FROM:** Zinc Sulfate

**APPLICATION RATE:** Foliar: 16 fl. oz./acre

Trans Zn is a unique systemic fertilizer that helps zinc to be absorbed more quickly and translocate throughout the entire plant. Zinc has limited mobility in plants and Trans Zn helps resolve that issue.

- Helps combat zinc deficiency issues
- Stores excess zinc in the xylem and phloem to be used when needed
- Transmaxx technology separates Trans Zn from the competition

## AMINOGRO

*Get growing with AminoGro*

POWERED BY:



**GUARANTEED ANALYSIS:**

Total Nitrogen (N).....3.0%  
 3.0% Urea Nitrogen  
 Soluble Potash (K<sub>2</sub>O) .....6.0%

**DERIVED FROM:** Urea, Kelp Extract, Sugar Beet Vinasse and Potassium Acetate

**APPLICATION RATE:** Foliar: 16-32 oz./acre

AminoGro harnesses the power of urea, potassium acetate, kelp extracts, sugar beet vinasse, and complex amino acids in a liquid formulation. AminoGro is extremely effective when applied directly to the soil or vegetation during early growth stages and fruit development and will benefit plant and soil health when applied at anytime during the growing season.

- Stimulate early growth
- Increase protein production
- Activate hormone and enzyme systems in the plant
- Feed soil biology
- Improve soil structure

SCAN FOR  
PRODUCT  
VIDEOS:



## CARBON RX

*Your prescription for high quality carbon*

**GUARANTEED ANALYSIS:**

Organic Carbon .....2%  
 Humic Acid.....4%  
 Amino Acid.....1%

**DERIVED FROM:** Brown Coal and Amino Acid

**APPLICATION RATE:**

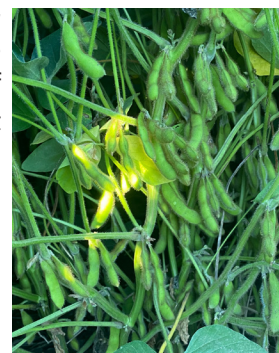
Planter: (2x2 or similar): 32 – 128 fl. oz./acre  
 Sidedress or Y-Drop: 32 – 128 fl. oz./acre  
 Foliar: 32 – 128 fl. oz./acre  
 Broadcast: 32 – 128 fl. oz./acre

Carbon RX is Concept AgriTek’s new carbon-based soil, plant, and microbe booster. Carbon RX is made with highly refined humic acid, organic carbon, and amino acid made from US corn. It is designed to help improve nutrient absorption, soil, and plant health, and feed beneficial microbes.

The amino acid helps in the production of chlorophyll, which leads to quality photosynthesis. Carbon RX also contains additional elements of sulfur, magnesium, and calcium.

**GET A LOAD OF THIS**

An Iowa soybean grower went full force with Concept AgriTek using Carbon RX, BioRite and Sweet Success followed up with a round of Foliar K, CalBor and Sweet Success. These plants are locked and loaded!



SCAN FOR  
PRODUCT  
VIDEOS:



### CARBON RX YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Corn	226.2 bu/ac	205.5 bu/ac	+ 20.7 bu/ac, (+) 10.1%	+ \$95/ac

Corn @\$5

## CONCEPT S17

*Plant available sulfur with nitrogen stabilization*

POWERED BY:



SCAN FOR  
PRODUCT  
VIDEOS:



**GUARANTEED ANALYSIS:**

Nitrogen (N): .....8%

Sulfur (S): .....17%

**DERIVED FROM:** Ammonium Thiosulfate

**APPLICATION RATE:**

Can be used in all liquid nitrogen applications.

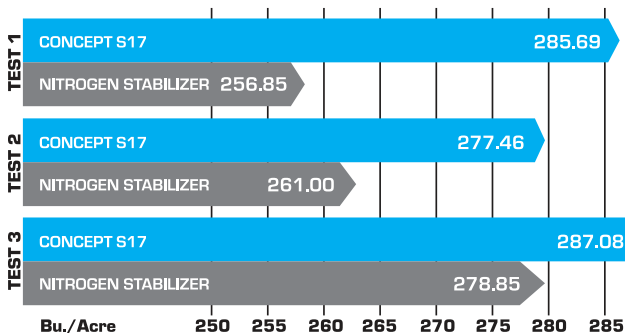
1 - 5 gal./acre

Concept S17 is specifically engineered to give the plants an excellent supply of sulfur, while increasing the efficiency of nitrogen uptake. Concept S17, powered by NitroTek, is a carbon-based nitrogen stabilizer. Use with UAN, side dress, or broadcast.

- No other nitrogen stabilizers needed
- Develops enzymes and vitamins
- Good source of high-quality sulfur

**CONCEPT S17 VS NITROGEN STABILIZER**

In Indiana, a grower performed three tests of Concept S17 against a nitrogen stabilizer. Each time, the advantage was notable with an average of 18 bushels/acre.



## CONCEPT K13

*Economical, available potassium*

SCAN FOR  
PRODUCT  
INFO:



**GUARANTEED ANALYSIS:**

Soluble Potash (K<sub>2</sub>O): .....13%

**DERIVED FROM:** Potassium Chloride

**APPLICATION RATE:**

Planter 2x2 or similar: 1-10 gal./acre

Sidedress or Y-Drop: 2-20 gal./acre

Fertigation: 2-20 gal./acre

Concept K13 gives you the ability to blend potassium with UAN, helping balance the N to K ratio, which is important to the efficiency of both nutrients. Use in soil applications only.

- Aids in strengthening plant stalks and stems
- Increases drought tolerance through proper potassium levels in plants
- Delivers potassium, vital to photosynthesis

## DEF

*Diesel exhaust fluid*

SCAN FOR  
PRODUCT  
INFO:



Jug	2.5 gal.
Drum	55 gal.
Tote	275 gal.

This diesel engine exhaust fluid has a formulation that is quality tested to meet superior standards. DEF is certified by the American Petroleum Institute as a diesel exhaust fluid for SCR engines.

Totes have a \$200 deposit fee and drums are non-returnable. Contact your Concept AgriTek dealer or sales representative for current pricing.

## CONCEPT K13 YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Corn	223.6 bu/ac	205.5 bu/ac	+ 18.1 bu/ac, (+) 8.8%	+ \$86.58/ac

Corn @\$5

## KMEND YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Corn	226.3 bu/ac	205.5 bu/ac	+ 20.8 bu/ac, (+) 10.1%	+ \$95.22/ac
2023	Missouri	Soybeans	67.3 bu/ac	63.4 bu/ac	+ 3.9 bu/ac, (+) 6.2%	+ \$38.02/ac

Corn @\$5, Soybeans @\$12

## KMEND

*Compatible potassium, available sulfur*

### GUARANTEED ANALYSIS:

Nitrogen (N) .....2%  
 1.5% ..... Nitrate Nitrogen  
 0.5% ..... Ammoniacal Nitrogen  
 Soluble Potash (K<sub>2</sub>O) .....10%  
 Sulfur (S) .....6%

**DERIVED FROM:** Ammonium Nitrate, Potassium Carbonate, Potassium Sulfate

### APPLICATION RATE:

In Furrow: 1-3 gal./acre      2X2: 1-10 gal./acre  
 Side Dress or Y Drop: 1 -20 gal./acre

KMend was developed to be a compatible potassium product that will blend with most fertilizers. It is an excellent source of potassium and sulfur to correct or prevent nutrient deficiencies. Not recommended for foliar application.

SCAN FOR  
PRODUCT  
INFO:



## KOMLETE

*Enhance availability of K, N and S*

### GUARANTEED ANALYSIS:

Total Nitrogen (N): .....4%  
 Suluble Potash (K<sub>2</sub>O): .....20%  
 Sulfur (S): .....12%  
 Humic Acid: ..... .05%

**DERIVED FROM:** Potaassium Thiosulfate, Urea, Leonardite. Also contains non-plant food ingredients.

### APPLICATION RATE:

2x2: 1-5 gal./acre      Side Dress: 1-10 gal./acre  
 Y-Drop: 1-10 gal./acre      Broadcast: 1-10 gal./acre  
 Fertiligation: 1-10 gal./acre

### DO NOT USE FOR FOLIAR

Note: For proper application rates suitable for your soil type, consult with a trained representative at Concept AgriTek.

SCAN FOR  
PRODUCT  
INFO:



Complete is a lower salt alternative to potassium thio-sulfate. Complete uses carbon encapsulation to help safen and enhance availability of the potassium, nitrogen, and sulfur your crop needs.

- Complete is easier to mix with many other liquid fertilizers like phosphorus, nitrogen, sulfur, manganese, boron and others
- Complete can be used 2X2, side dress, y-drop, and fertigation
- It is not recommended for foliar applications

## NITROGUARD

*Innovative nitrogen stabilizer*

### POWERED BY:



### APPLICATION RATE:

64 oz. per ton of Urea  
 32 oz. per ton of 28% or 32% UAN

NitroGuard is Concept AgriTek's new nitrogen stabilizer powered by NitroTek Technology. NitroTek technology stabilizes nitrogen and potassium, by encapsulating them in carbon; which reduces volatilization, leaching, and tie-up in the soil. The carbon in NitroGuard also increases the uptake of nitrogen and potassium due to the plant's demand.

SCAN FOR  
PRODUCT  
INFO:



## RAYTHEON

*Unlock the nutrients in your soil*

**APPLICATION RATE:** In Furrow: 6-8 oz./acre  
 Broadcast: 16 oz./acre

SCAN FOR  
PRODUCT  
VIDEOS:



Raytheon is a nutrient enhancer designed to gently bond to nutrients, preventing them from falling out of the soil solution and keeping them more available to the plant.

## RESIDUE RX

Reduce residue, release nutrition, remove pests

POWERED BY:



SCAN FOR  
PRODUCT  
VIDEOS:



APPLICATION RATE: Broadcast: 16 fl oz./acre

Residue RX, powered by BioTek, is a consortium of bacteria and fungi that turn crop residue into organic matter. Along with breaking down crop residue, releasing the nutrition it contains; these digesters also kickstart the weathering processes to release phosphorous tied up in the soil.

- Breaks down residue so that diseases do not have a place to over winter
- Makes nitrogen and phosphorus more available

### SOYBEANS PAY OFF BIG

A North Carolina grower put Residue RX to the test with soybeans. The results paid off and proved a great return on investment. With nearly \$100 per acre advantage, Residue RX performed at 70 bushels per acre vs 59 on the check.

## SALT X

Technology-based salt mitigation solution

POWERED BY:



SCAN FOR  
PRODUCT  
INFO:



GUARANTEED ANALYSIS:

Manganese (Mn): ..... 0.05%

DERIVED FROM: Manganese Sulfate

APPLICATION RATE: Broadcast: 1-4 gal./acre

Salt X is a salt mitigation solution that deploys Concept AgriTek's BioTek and PeneTek technologies revolutionizing the battle against salt intrusion. This application is designed to mitigate salt concentrations in a variety of agricultural environments.

- Temporarily alters the properties of salt to allow it to percolate through the soil profile and exit the root zone
- Helps rebuild soils that have had tons of commercial fertilizer applied.
- Reduces the salt pressure in the root zone along with increasing water and nutrient uptake for your crops

## KOMPLETE YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Corn	173.3 bu/ac	166 bu/ac	+ 7.3 bu/ac, (+) 4.4%	+ \$24.62/ac
2023	Missouri	Soybeans	74.8 bu/ac	63.4 bu/ac	+ 11.4 bu/ac, (+) 18%	+ \$124.92/ac

ROI Corn @\$5, Soybeans @\$12

## RAYTHEON YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Missouri	Corn	220.5 bu/ac	211.7 bu/ac	+ 8.8 bu/ac, (+) 4.2%	+ \$38.69/ac
2023	North Carolina	Double Crop Soybeans	69.7 bu/ac	62.8 bu/ac	+ 6.9 bu/ac, (+) 11%	+ \$77.49/ac

Corn @\$5, Soybeans @\$12

## RESIDUE RX YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2023	Indiana	Soybeans	75.8 bu/ac	72.8 bu/ac	+ 3 bu/ac, (+) 4.1%	+ \$28.07/ac

Corn @\$5, Soybeans @\$12

## SOIL REVIVE

*Bring new life to unproductive soil*

POWERED BY:



SCAN FOR  
PRODUCT  
INFO:



### APPLICATION RATE:

Planting: 6 – 12 fl. oz/acre

Broadcast: 16 – 32 fl. oz/acre

Soil Revive helps bring abused soils back to life. Using BioTek and PeneTek technology, Soil Revive delivers beneficial microbes to increase soil healthy. PeneTek reduces compaction by breaking down the hard-pan. This allows for increased nutrient availability, water-holding capacity, and decreased hard-pan.

- Excellent for graded or terraced fields
- Jump starts “new” ground where fertility levels are poor or unknown

### SOIL REVIVE GOES HARD

A Northern corn grower trialed Soil Revive on a rough hill to see if it could touch their hardest to perform spot. Against the better scenario, untreated, Soil Revive performed at an 11 bushel per acre advantage.

## TOTAL CAL

*Introduce soluble calcium when and where you need it*

SCAN FOR  
PRODUCT  
INFO:



### GUARANTEED ANALYSIS:

Calcium (Ca): .....10%

**DERIVED FROM:** Calcium Chloride

### APPLICATION RATE:

Planter: 2x2 or similar – 1-2 gal./acre

Sidedress or Y-Drop: 1-4 gal./acre

Fertigation: 1-4 gal./acre

A soil applied calcium that can help make nitrogen programs more efficient.

- Plays a key role in balancing the calcium to nitrogen ratio within your soil
- Aids in balancing your nitrogen regimen
- A soluble form of calcium that can be readily taken up by the plant

## SOIL REVIVE YIELD DATA

YEAR	LOCATION	CROP	YIELD	CHECK YIELD	DIFFERENCE	ROI
2022	Iowa	Corn	227.2 bu/ac	220.9 bu/ac	+ 6.3 bu/ac, (+) 2.9%	+ \$26.92/ac
2022	Missouri	Soybeans	59.5 bu/ac	54 bu/ac	+ 5.5 bu/ac, (+) 10.2%	+ \$47.70/ac
ROI Corn @\$5, Soybeans @\$12						

## WASTEMASTER

Biological waste management powered by BioTek

POWERED BY:



SCAN FOR  
PRODUCT  
INFO:



APPLICATION RATE:

### POULTRY HOUSES

- 2 oz. with a minimum of 3 gal. of water per 1,000 sq. ft.
- Recommended 3 days prior to bird placement

### LAGOONS

- Apply 40 oz. per surface acre for initial treatment
- Apply 20 oz. per surface acre every 60 days for maintenance

### PITS

- 16 oz. per 100,000 gal. capacity for initial treatment
- Use 8 oz. every 60 days for maintenance treatment

Wastemaster, powered by BioTek technology, is a consortium of beneficial microbes chosen for their ability to digest animal manure. Proper digestion of manure reduces ammonia and methane release, reduces solids in lagoons and pits, and increases the fertilizer value of manure. Wastemaster can be used in poultry litter, lagoons and pits.

- Shown to reduce ammonia by 60% in poultry litter
- Reduces solids and the muck layer on the bottom of stage one lagoons
- Studies show odors reduced by a factor of 50% or more in lagoons
- Helps to reduce muck-outs and increase runs between total clean-outs

## FROM HARDPAN TO HIGH YIELD: SOIL REVIVE SUCCESS STORY

District Sales Manager, Kyle Shepherd joined Concept AgriTek Agronomist, Brandon Poole in a Soil Revive plot in western North Carolina this November. The red clay-based, rocky soil in the area presents challenges for farmers in terms of compaction and crusting following hard rains.

Shepherd shares, "One of the biggest challenges these farmers see is tight soil which causes issues with water retention and good root growth, which we see a lot, especially in drier years."

**Soil Revive** was applied to the test plot to see what kind of an impact the product known to bring new life to unproductive soils could make. The team was also faced with the challenge of western North Carolina experiencing one of the driest growing seasons in the last half-decade.

"Yields are not great in this area by any means," Poole says. "I used the soil penetrometer in an area where we didn't have Soil Revive and we were getting down about 2-inches before it got really hard. Where we did apply the Soil Revive, we actually got about 4-inches down before we hit a hard pan. But the roots were where we knew we were making a difference in yield with Soil Revive. The roots on the non-Soil Revive plots turn and don't grow down. The roots from the Soil Revive plots go straight down into the soil. We don't see a lot of curvature."

The secret is proprietary technologies: BioTek and PeneTek. BioTek, delivers a large consortium of live biology in a suspended state that becomes active within minutes of initial soil contact, while PeneTek® brings the soil penetration that reduces soil compaction, improves soil structure, and increases water infiltration and biological activity.

Both technologies team up in Soil Revive to breakdown the hardpan and to allow increased nutrient availability and water-holding capacity, and is especially beneficial in fields that have been graded or terraced or where fertility levels are poor.

The proof is on the yield monitor

"The Soil Revive gave us a 9.8-bushel yield increase over the untreated on this field where we ran it in-furrow," Shepherd adds. "Who wouldn't be happy about that?"

## STACY IN ARKANSAS:



"We show **drastic improvement** every year on the fields Concept AgriTek is applied. We started with fungicides this year; they're **showing great results**. We plan to use more Concept AgriTek products..."



## JIMMY & MATT IN NORTH CAROLINA:



"The grain elevator said, 'We know when it's yours versus the neighbors!' He explained, our quality is so much better. When growing for food-grade wheat, Concept AgriTek's wheat program makes all the difference."



*"We use Carbon RX and Sweet Success on every pass. These go in the sprayer no matter what we're spraying, every single time."*

Chris Weaver, Weaver Seed

158 bu/ac non-irrigated, dryland soybeans



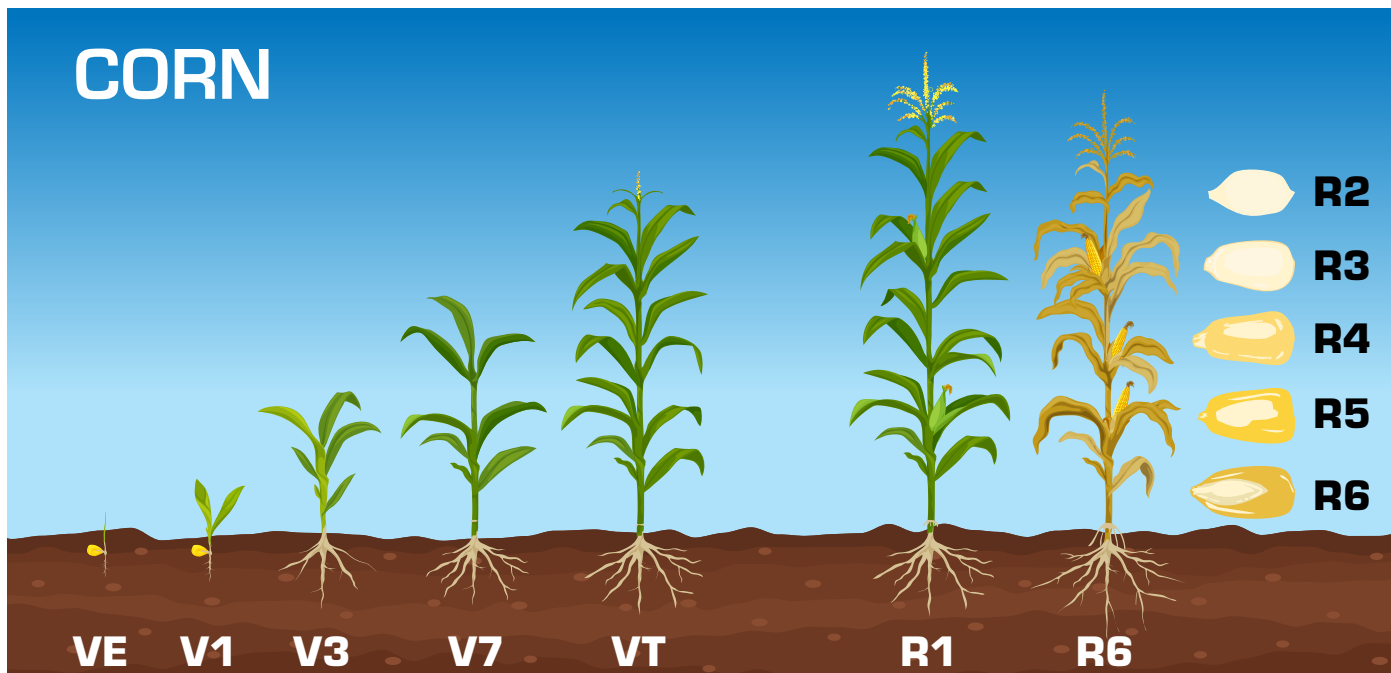
# CONCEPT AGRITEK

CUSTOM SOLUTIONS THROUGH AGRONOMY, BIOLOGY & CHEMISTRY

[CONCEPTAGRITEK.COM](http://CONCEPTAGRITEK.COM)



# CORN



- |      |                                     |    |   |
|------|-------------------------------------|----|---|
| VE   | Emergence                           | R2 | Blister - White Kernels, Resemble Blister |
| V1   | One Leaf, Collar Visible            | R3 | Milk - Yellow Kernels, Milky Inside       |
| V2   | Two Leaves, Collars Visible         | R4 | Dough - Yellow Kernel, Paste Inside       |
| V(n) | (n) Leaves, Collars Visible         | R5 | Dent - Yellow Kernel, Dented              |
| VT   | Last Branch of Tassel Visible       | R6 | Physiological Maturity, Black Abscission  |
| R1   | Silking - Silk Visible Outside Husk |    |   |

## PRE-PLANT

### Before Spring Tillage

SOIL REVIVE.....	PAGE 30
RESIDUE RX (NORTH).....	29

## PLANTING

### Seedling

#### Planting In-Furrow

BUNCHA BUGS DF.....	12
BIOVATE XP.....	11
TOTAL PHOS PLUS.....	17
CONCEPT Z9.....	13
MICRO PAK.....	15
SOIL REVIVE.....	30

### Seedling

#### Planting 2x2

CONCEPT K13.....	27
CONCEPT B10.....	20
CARBON RX.....	26

## FOLIAR/SIDE DRESS

### Sidedress

FOLIAR K.....	21
CONCEPT S17.....	27
CONCEPT K13.....	27
CONCEPT B10.....	20

### V4-V8 Broadcast with Herbicide

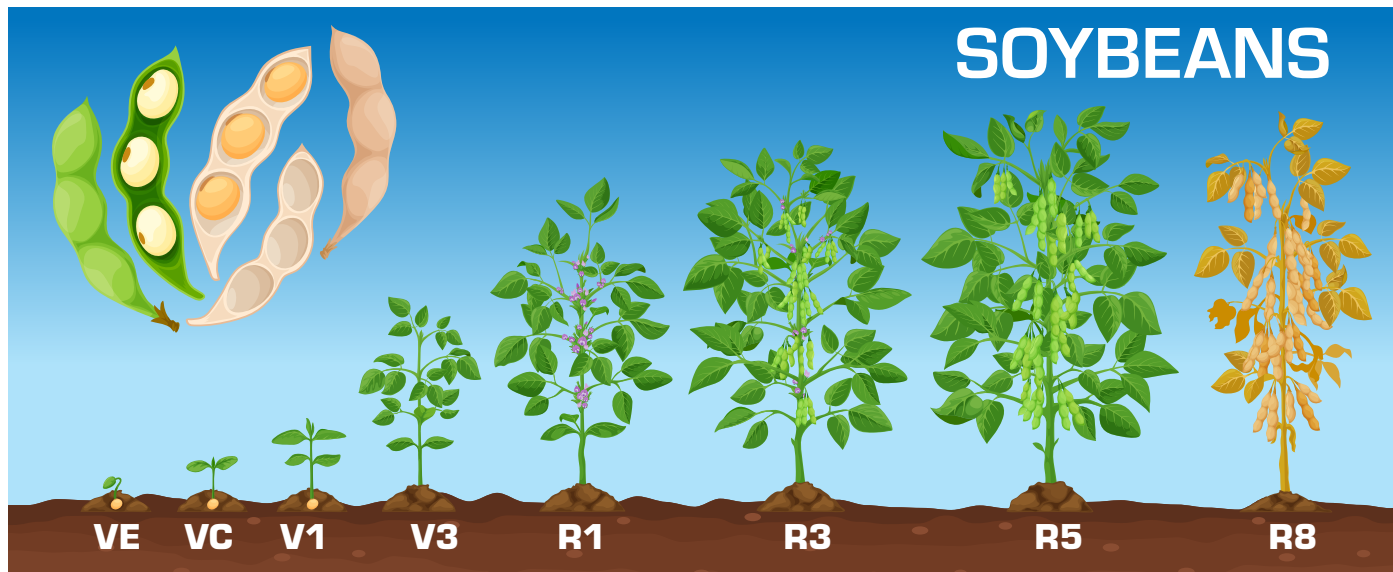
NUTRI TEK.....	23
TRANS ZN.....	25
FOLIAR K.....	21
SWEET SUCCESS.....	24
BIOAID.....	18
BIO HEALTH.....	18

## VT-R3

CALBOR.....	19
FOLIAR RX.....	21
TOTAL 10.....	25
FOLIAR K.....	21
FULVIC FORCE.....	22
BIO HEALTH.....	18
SWEET SUCCESS.....	24
BIOAID.....	18

## POST HARVEST

RESIDUE RX (SOUTH).....	29
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# SOYBEANS

- VE Emergence
- VC Unrolled Unifoliolate Leaves
- V1 First Trifoliolate - one set of unfolded trifoliolate leaves
- V2 Second Trifoliolate - two sets
- V(N) Nth Trifoliolate - V stages continue
- R1 Beginning Flowering - plants have at least one flower on any node
- R2 Full Flowering - an open flower at one of the uppermost

- notes
- R3 Beginning Pod - pods are 3/16 inch (5 mm) at one of the four uppermost nodes
  - R5 Beginning Seed - seed is 1/8 inch (3 mm) long in the pod at one of the four uppermost nodes on the main stem
  - R8 Maturity - 95% of the pods have reached their full mature color

### PRE-PLANT

#### Before Spring Tillage

SOIL REVIVE.....	PAGE 30
SALT X.....	29
FULVIC FORCE.....	22
RESIDUE RX (NORTH).....	29

### PLANTING

#### Seedling

#### Planting In-Furrow

BUNCHA BUGS DF ST.....	8
SEED GUARD BIO.....	9
BUNCHA BUGS DF.....	12
BIOVATE XP.....	11
BIORITE.....	11
STARTER 20/20 PLUS.....	16
MICRO PAK.....	15
CARBON RX.....	26
CHITOCIDE.....	19

### FOLIAR/SIDE DRESS

#### 3-5 Trifoliolate

NUTRI TEK.....	23
SWEET SUCCESS.....	24
FULVIC FORCE.....	22
FOLIAR RX.....	21

#### V5 - V10

NUTRI TEK.....	23
FOLIAR K.....	21
FOLIAR RX.....	21
SWEET SUCCESS.....	24
FULVIC FORCE.....	22
FOLIAR 20/20.....	20
BIOAID.....	18
BIO HEALTH.....	18
CHITOCIDE.....	19

#### R1 - R4

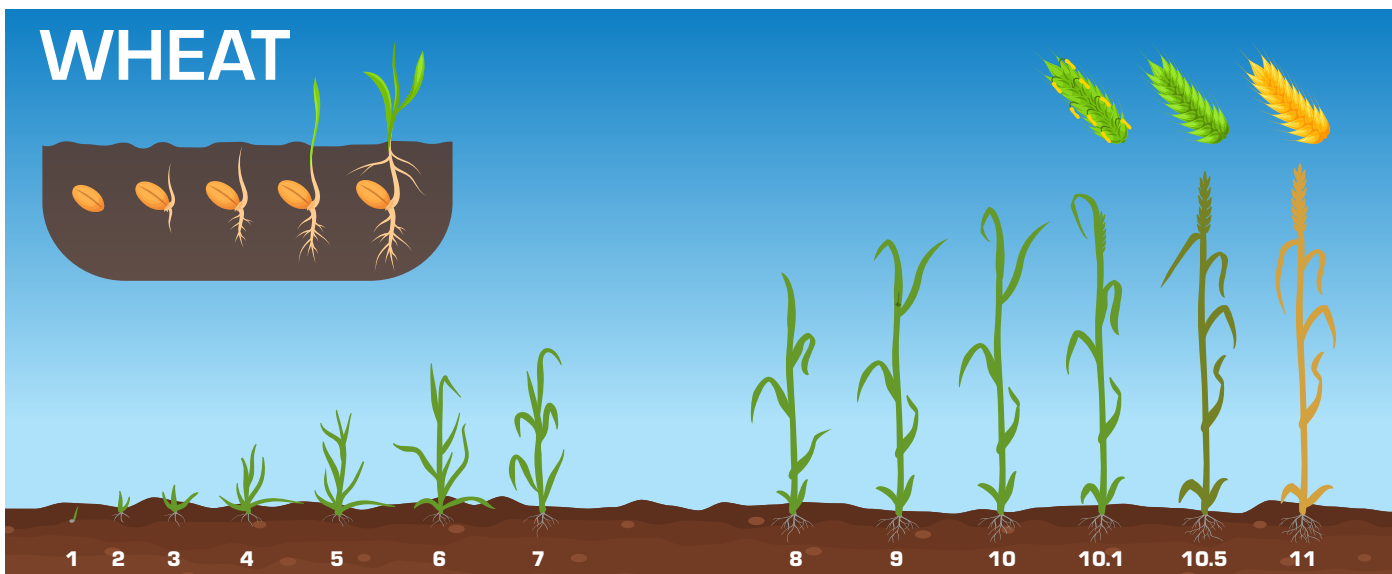
CALBOR.....	19
FOLIAR K.....	21
TOTAL 10.....	25
FOLIAR RX.....	21
SWEET SUCCESS.....	24
FULVIC FORCE.....	22
BIOAID.....	18
BIO HEALTH.....	18

#### R5 - R6

CALBOR.....	19
SWEET SUCCESS.....	24

### POST HARVEST

RESIDUE RX (SOUTH).....	29
-------------------------	----



- |  |   |
|--|---|
| <p>1 Emergence</p> <p>2 Beginning Tillering</p> <p>3-4 Tillering - developing tillers prior to winter</p> <p>5 Green up - leaf sheaths grow strongly erect</p> <p>6 Jointing - first node visible at the shoot base</p> <p>7 Two nodes visible above the soil; rapid stem elongation</p> <p>8 Flag leaf begins - the last leaf begins to emerge from the whorl</p> | <p>9 Flag leaf fully formed - visible flag leaf ligule and full emergence from the whorl</p> <p>10 Boot-heat is full developed; seen in swollen section of leaf sheath below the flag leaf</p> <p>10.1 Heading emergence, awns visible</p> <p>10.5 Heading complete</p> <p>11 Ripening, grain matures</p> |
|--|---|

**PRE-PLANT**

*Before Spring Tillage*

SOIL REVIVE.....	30
SALT X.....	29
FULVIC FORCE.....	22
CONCEPT K13.....	27

**PLANTING**

*In-Furrow*

BUNCHA BUGS DF ST.....	8
BUNCHA BUGS DF.....	12
BIOVATE XP.....	11

**FOLIAR/SIDE DRESS**

*Feekes 2-5*

BIOVATE XP.....	11
BIORITE.....	11
CONCEPT S17, LIQUID N.....	27

**Feekes 6-8**

NUTRI TEK.....	23
FOLIAR RX.....	21
SWEET SUCCESS.....	24
FULVIC FORCE.....	22
CONCEPT S17.....	27

**Flag Leaf - Heading**

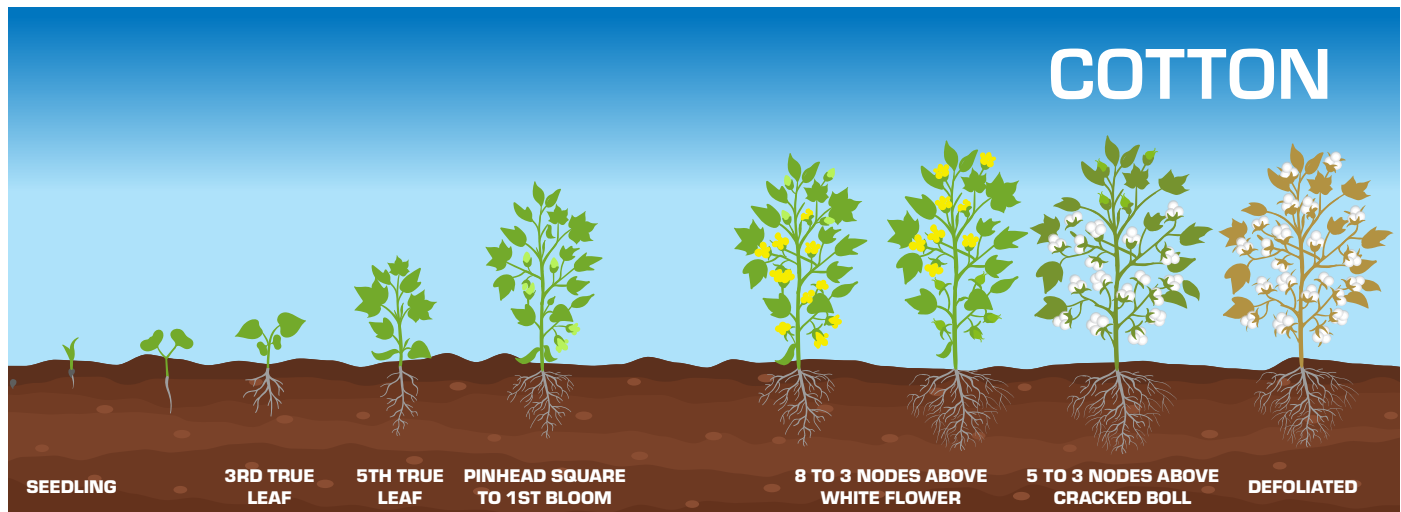
CALBOR.....	19
TOTAL 10.....	25
FOLIAR RX.....	21
SWEET SUCCESS.....	24
FULVIC FORCE.....	22
TOTAL CAL + LIQUID N TOP DRESS.....	30
BIOAID.....	18
BIO HEALTH.....	18

**Grain Fill**

FOLIAR RX.....	21
SWEET SUCCESS.....	24
FULVIC FORCE.....	22
CALBOR.....	19
NUTRI TEK.....	23
BIOAID.....	18
BIO HEALTH.....	18

**POST HARVEST**

RESIDUE RX.....	29
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**PRE-PLANT**

***Before Spring Tillage***

SOIL REVIVE.....PAGE 30  
 SALT X.....29  
 FULVIC FORCE.....22

**PLANTING**

***Seedling/Planting***

***In-Furrow***

BUNCHA BUGS DF .....12  
 BIOVATE XP .....11  
 MICRO PAK.....15  
 STARTER 20/20 PLUS.....16  
 CHITOCIDE.....19

**FOLIAR/SIDEDRESS**

***3rd - 5th True Leaf***

NUTRI TEK.....23  
 FOLIAR RX.....21  
 SWEET SUCCESS .....24  
 FULVIC FORCE.....22

***Sidedress with Nitrogen***

***After 1st bloom***

CONCEPT K13.....27  
 TOTAL CAL.....30  
 CONCEPT S17 .....27

***Pinhead Square to 1st Bloom***

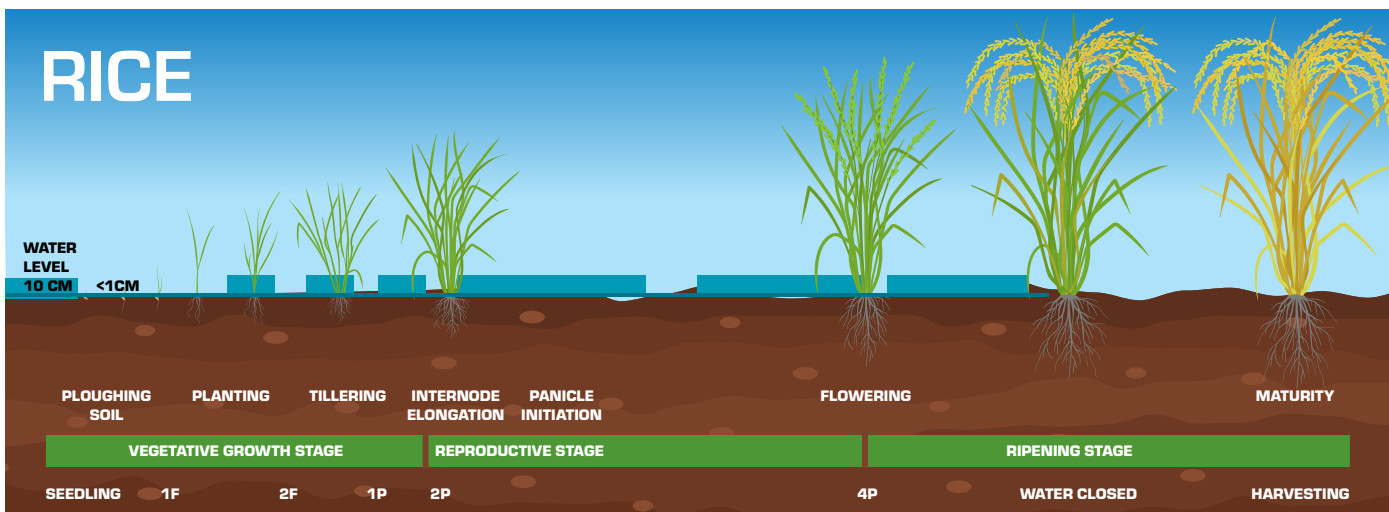
CALBOR .....18  
 TOTAL 10 .....25  
 FOLIAR K.....21  
 SWEET SUCCESS .....24  
 NUTRI TEK .....23  
 FOLIAR RX.....21  
 FULVIC FORCE.....22  
 BIOAID.....18  
 BIO HEALTH.....18  
 CHITOCIDE.....19

***8-3 Nodes Above***

CALBOR .....18  
 FOLIAR RX.....21  
 TOTAL 10 .....25  
 SWEET SUCCESS .....24  
 FULVIC FORCE.....22  
 BIOAID.....18  
 BIO HEALTH.....18

***5-3 Nodes Above***

FULVIC FORCE  
 WITH DEFOLIANT .....22



**PRE-PLANT**

*Before Spring Tillage*

SOIL REVIVE.....PAGE 30  
SALT X.....29

**FOLIAR/SIDEDRESS**

*Tillering*

NUTRI TEK.....23  
FOLIAR K.....21  
FULVIC FORCE.....22

*Flowering*

FOLIAR K.....21  
FOLIAR RX.....21  
TOTAL 10.....25  
FULVIC FORCE.....22  
BIOAID.....18  
BIO HEALTH.....18

*Ripening*

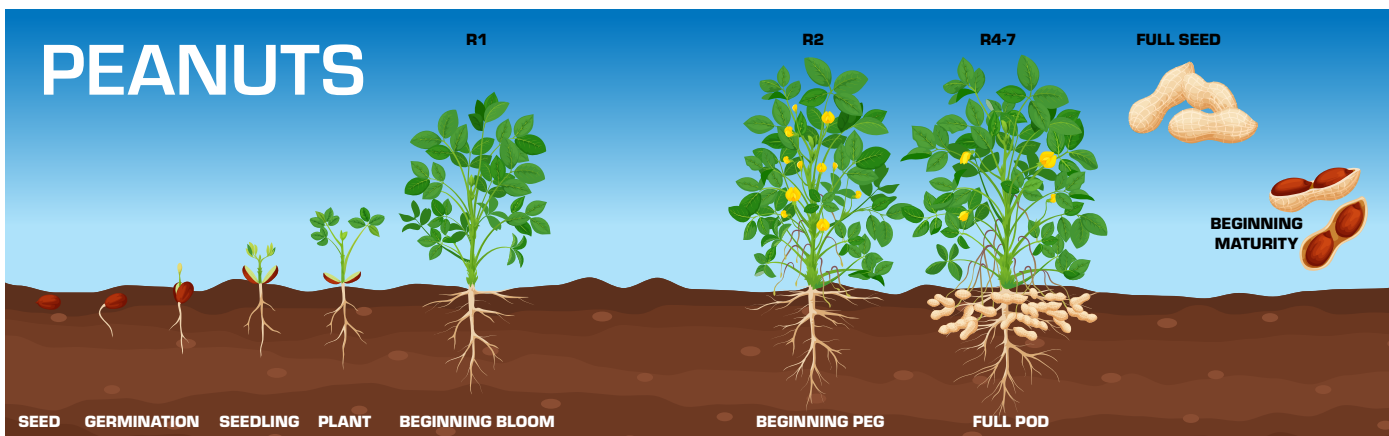
CALBOR.....19  
TOTAL 10.....25  
FULVIC FORCE.....22  
BIOAID.....18  
BIO HEALTH.....18

**PLANTING**

*Seedling/Planting*

*In-Furrow*

BIORICE.....10



**PRE-PLANT**

*Before Spring Tillage*

SOIL REVIVE.....PAGE 30  
FULVIC FORCE.....22

**PLANTING**

*In-Furrow*

BUNCHA BUGS DF.....12  
BIOVATE XP.....11  
MICRO PAK.....15  
STARTER 20/20.....15  
CONCEPT MN.....13  
BIO HEALTH.....18  
BIOAID.....18  
SWEET SUCCESS.....24

**FOLIAR/SIDEDRESS**

*R1 - R5*

NUTRI TEK.....23  
FOLIAR K.....21  
FOLIAR RX.....21  
CALBOR.....19

FULVIC FORCE.....22  
PEG RX.....24  
BIOAID.....18  
BIO HEALTH.....18  
SWEET SUCCESS.....24



**PLANTING**

**Broadcast 1st Application in the Spring**

BIORITE .....PAGE 11  
 SOIL REVIVE.....30

**Broadcast 10 days after**

SWEET SUCCESS ..... 24  
 FOLIAR RX.....21

**Broadcast 10 days after**

SWEET SUCCESS ..... 24  
 FOLIAR K.....21

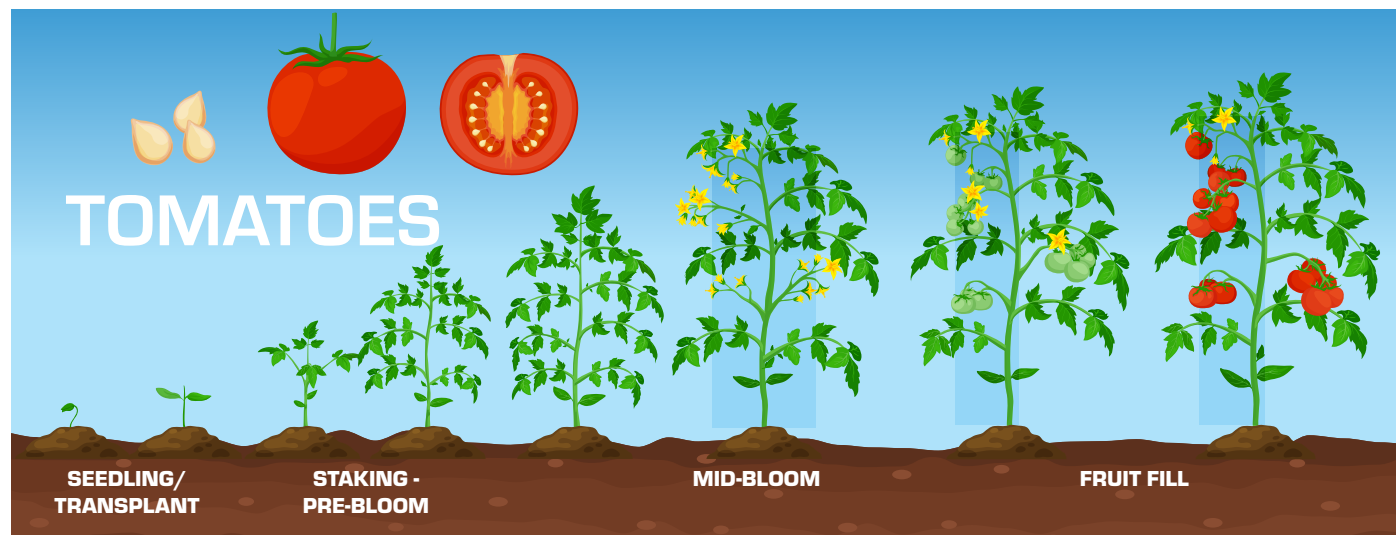
**Broadcast 10 days after**

CARBON RX.....26

**NOTES**

BioHealth applied mid-way through first growing season and after each cutting.

Everything except the BioRite and Soil Revive needs to be repeated after each cutting.



**PRE-PLANT**

**Before Spring Tillage**

SOIL REVIVE.....PAGE 30  
 SALT X.....29  
 FULVIC FORCE..... 22

**PLANTING**

**Seedling/Transplant**

BUNCHA BUGS DF .....12  
 BIOVATE XP .....11  
 STARTER 20/20.....15  
 MICRO PAK.....15

**Staking**

FOLIAR K.....21

**FOLIAR/SIDEDRESS**

**Pre-Bloom**

CALBOR ..... 19  
 FOLIAR K.....21

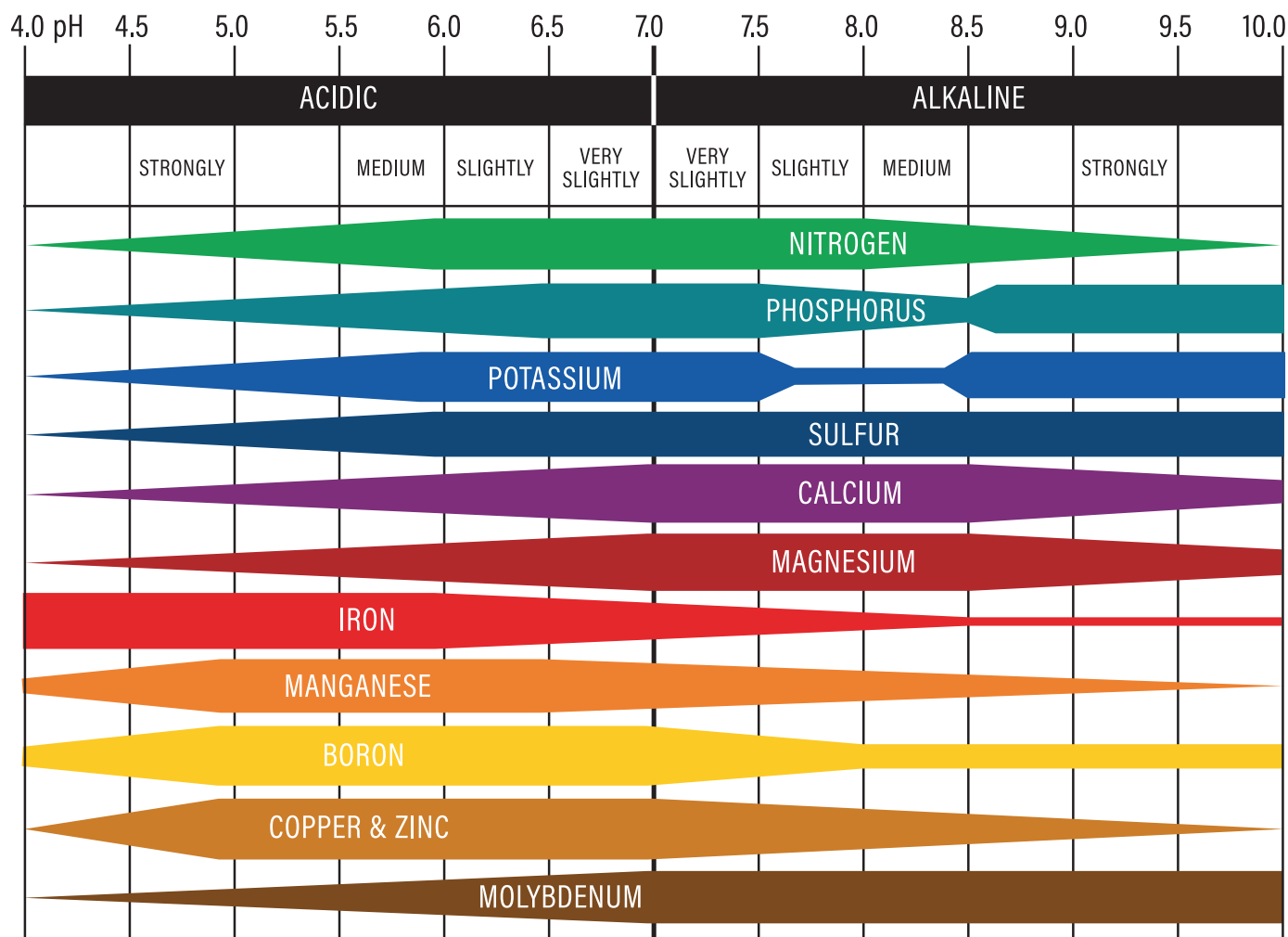
**Mid-Bloom**

CALBOR ..... 19  
 FOLIAR K.....21  
 SWEET SUCCESS ..... 24  
 FULVIC FORCE..... 22

**Fruit Fill**

CALBOR ..... 19  
 FOLIAR K.....21  
 SWEET SUCCESS ..... 24  
 FULVIC FORCE..... 22

	Nitrogen (N)	Phosphorus (P)	Potassium (K)	Magnesium (Mg)	Sulphur (S)	Calcium (Ca)	Boron (B)	Copper (Cu)	Chlorine (Cl)	Iron (Fe)	Zinc (Zn)	Nickel (Ni)	Manganese (Mn)	Molybdenum (Mo)	Cobalt (Co)	Silicon (Si)	Selenium (Se)	Sodium (Na)	
Nodulation/Nitrogen Use	Y					Y	Y				Y		Y			Y			
Photosynthesis	Y			Y	Y	Y			Y	Y	Y	Y		Y				Y	Y
Disease Resistance				Y		Y	Y	Y	Y	Y	Y			Y				Y	Y
Abiotic Stress Tolerance				Y			Y	Y	Y		Y	Y		Y	Y				
Carbohydrate Production		Y	Y	Y					Y					Y					
Protein Production	Y				Y	Y							Y			Y			
Oil Production					Y	Y													
Vegetative Growth	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y		Y	Y	Y			
Hormone Metabolism					Y				Y				Y			Y			
Root Growth		Y					Y	Y											
Energy Transfer		Y			Y	Y			Y		Y								
Nutrient Uptake		Y	Y	Y				Y		Y									
Water Usage				Y			Y			Y									Y









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Don't take our word for it! Find out more about our products and real world experience with these notable influencers or follow us on social media to see and hear customer results. Visit [ConceptAgriTek.com](http://ConceptAgriTek.com) to learn more.

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 Youtube (FBEE)

XTREME AG FARM
☰

### WE ADDED THE RIGHT FERTILITY ON THESE LATE PLANTED DOUBLE-CROP BEANS

While combining his Concept AgriTek double crop beans trial, he decides to "spill the beans" on something he didn't mention planting time.

<https://www.xtremeag.farm/blog/xtremeag-blog/2023/11/04/we-added-the-right-fertility-on-these-late-planted-double-crop-beans>

### THE XTREMEAG SHOW TRAILER | PREMIERES JANUARY 2024

Discover the untold stories of real American agriculture as America's top farmers challenge the norm, define the future and most importantly, have a lot of fun doing it. Starting January 30th, tune in to The XtremeAg Show for a season-long adventure that will showcase modern farming like never before.

<https://www.xtremeag.farm/blog/xtremeag-blog/2023/10/25/the-xtremeag-show-trailer-premieres-january-2024>

### DOES SUGAR BOOST YIELD?

As a farmer, the plants you grow are primarily composed of carbon, hydrogen, and oxygen, which are the same elements found in sugar. It begs the question, why aren't you utilizing more sugar on your crops? Chad Henderson talks about his sugar strategy for his crop with Damian Mason and Concept AgriTek's Derek Cattoor.

<https://www.xtremeag.farm/blog/xtremeag-blog/2023/10/16/does-sugar-boost-yield>

### YIELD RETENTION

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## CUSTOM SOLUTIONS THROUGH AGRONOMY

#### Seed Treatment

Start your planting season off right with our line of biological products.

#### Foliar

Foliar fertilizers keep your crops healthy and well-nourished throughout the growing season.

#### Planting

Our planter-applied fertilizers are designed to meet the needs of your farming operation.

#### Full Season

Addressing soil deficiencies after harvest prepares your soil for the next season.

### Find the right products for your commodity.

Increasing the health of soil and plants increases our customers' bottom line.

Corn

Soybeans

Wheat

Rice

Cotton

Hay

Potatoes

Peanuts

Sugarcane

Other

#### Our Approach.

Understanding your soil and plant health is key to a successful crop. Concept AgriTek combines leading technologies in agronomy, biology and chemistry to find the perfect solution for crop protection. These solutions are tested and proven to perform, and we publish the results. We go to market with data and experience.

#### Our Mission.

To deliver innovative crop protection concepts using the latest technologies in agronomy, biology, and chemistry to enhance soil and plant health.

#### Our Goal.

Our goal is to improve the science behind crop production, deliver solutions in a cost-effective and timely manner and, ultimately, improve profit on the Farm.

**We bring the secret ingredients for your crop's success.**

### Video Testimonials

Don't just take our word for it, listen to our satisfied customers.



# DEAR CUSTOMER,



Thank you. Two words that come from the hearts of those who make up our company.

From our Charleston, MO based manufacturing team, from the truck drivers who deliver our products to the steps of your shop, from the data and office teams who are always just a phone call away to answer your questions, from the familiar faces of the sales and agronomy folks who stand beside you in the field, diagnosing and validating, and from the leadership of Concept AgriTek: Thank you!



From the beginning, our leadership has stood behind a motto that has become a driving principle in everything we do: "If we make a dollar, the farmer should make three."

It's good business, and it's the only path to sustainability. As farmers, you trust us with your livelihood; to help you reach your yield, plant and soil health, and ROI goals. The fact that our company rests on the successes of your crops



isn't lost on us. With more than a decade under our belt, we've worked to earn the trust of those we serve and there isn't a product in our portfolio we would trade for that trust.



This year we've grown: our internal teams, our dealer network, our production capacity, our test plot geography, and our service area. We've grown through our commitment to provide service and solutions. We know that you're working tirelessly to put food on tables around the world, and we want you to know that we support you.

As we reflect, a constant amongst our team members is the gratitude we all have for the opportunity to work with the farmers that we do.

Thank you for what you do. Thank you for trusting our team to help you meet your goals.

Sincerely,  
The Team at Concept AgriTek





# CONCEPT

## AGRITEK



### Questions?

Call (888) 638-9984

1300 Plant Road,  
Charleston, MO 63834



@conceptagritek



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