

# THE OLD WAY



# THE NEW WAY



# DECOMP ACCELERATOR

26 Different Species of (SVS) Super Vigorous Strains of Bacteria Specifically Designed to break down crop residue. The QUESTION of what to do with our crop residue after harvest is becoming a bigger challenge across the United States.

1



Conserve Water

2



Reduce Run-Off

3



Save Money

1

## Cut Your Water Cost

Following harvest, many farmers practice shredding and burning or costly flooding of the fields to speed decomposition in order to prepare for the next seasons planting.

Decomp Accelerator will greatly aid the process of biodegrading your crop residue, thus reducing harsh CO2 emissions from burning, and conserving water by eliminating field flooding.

By utilizing Decomp Accelerator instead of stomping and flooding we can reduce outbreaks of West Nile in addition to conserving water.

2

## Reduce Nitrate Run-off

When Decomp Accelerator is applied not only does it expedite the biodegrading process but it also helps to release locked-up nutrients in the soil, making them more available for the next seasons planting. The process of making nutrients more available also applies to reducing nitrogen run-off.

3

## Save Money

Applying our Super Vigorous Strains of microbes selected for breaking down cellulose will save you money in two different ways. Save money now spent on flooding with costly water. Our microbes will convert the existing nitrogen that is "locked-up" into readily available nutrients for the next crop planted on the field. This process will increase the next crop's yield and decrease further input costs.

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# ABOUT **DECOMP** ACCELERATOR

This is a common comment we hear all the time from producers all across the country:

*"It just seems that the corn stalks don't get broken down like they used to"*

Our uniquely designed blend of naturally occurring microbes contained in Decomp Accelerator will greatly aid in the "all natural" process of decomposing your crop residue into organic matter. These microbes are labeled as "super vigorous species" because our microbes have been cultivated and trained to process up to 500% more available nutrients as they contact the crop residue.

After many, years of fertilization, herbicide and pesticide application, and continuous tillage our soils are worn out! Bacteria exist everywhere in the world. We just need to replace the robust populations that are almost non-existent in today's soils.

In addition to boosting the population of these naturally occurring microbes we also include our special BIO STIMULANT. This product acts as a catalyst and jump starts the microbes when they are first applied to the soil. Once the microbes start to consume the crop residue they just keep on going like billions of little "energizer bunnies".

## What are Super Vigorous Species (SVS)?

SVS are soil microbes that have survived and been extracted from toxic cleanup sites. These toxic environments caused the few surviving soil bacteria to adapt and become super bacteria, able to do the work of processing nutrients at a much greater rate than their traditional bacterial cousins. The adage- "what doesn't kill you only makes you stronger", is precisely true when describing the forced environmental evolution of these microbes.



**Managing Residue Results**

\*Provided by the Pioneer Hi-Bred Agronomy Library

**Left: Plants stunted from excess residue**

**Right: Normal plants**

## DECOMP ACCELERATOR INSTRUCTIONS

DECOMP ACCELERATOR is a product containing naturally occurring soil microbes that aids in conversion of organic carbon material into bio-available nutrients for plants.

ACTIVE INGREDIENTS: 26 unique strains of microbes. NONPLANT FOOD INGREDIENT.

COVERAGE:

MIXING: Follow the mixing ratios in the chart below. DECOMP ACCELERATOR is to be mixed with water in a clean tank.

DECOMP ACCELERATOR is a concentrate to be mixed with water at a rate of 20 gallons of water per acreage to be treated or 2000 gal for 100 acres using all 640 oz. in 5 gallons. Mixing instructions follow below the chart with the STEPS necessary for proper mixing of DECOMP ACCELERATOR: 5 gallons of DECOMP ACCELERATOR when mixed as directed will decompose 100 acres.

Acres to be treated	Water	Bio-Stimulant	DECOMP ACCELERATOR
100	2,000 GAL	1 GAL	5 GAL
20	400 GAL	1 PT	1 GAL

When ready to apply mixed product to the plant vegetation acreage using the volume ratios shown above:

STEP 1. Add water to a clean tank,

STEP 2. Add BIO-STIMULANT to the tank

STEP 3. Add DECOMP ACCELERATOR and stir.

STEP 4. Apply at a rate of 20 gallons per acre within 8 hours mixing.

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