



NUTRIENT MANAGEMENT ENHANCEMENT



EVANESS™

7-0-0

ELIMINATE YOUR CROP RESIDUE PROBLEMS - TURN YEARS INTO MONTHS

Evaness™ is a unique blend of nutrients and enzymes designed to stimulate and increase biological activity – specifically cellulose digesting microorganisms, which accelerate the breakdown of crop residues, aid in nutrient cycling, and help increase the solubility and availability of nutrients tied up in crop residues and those in the soil.

HOW DOES EVANESS 7-0-0 WORK?

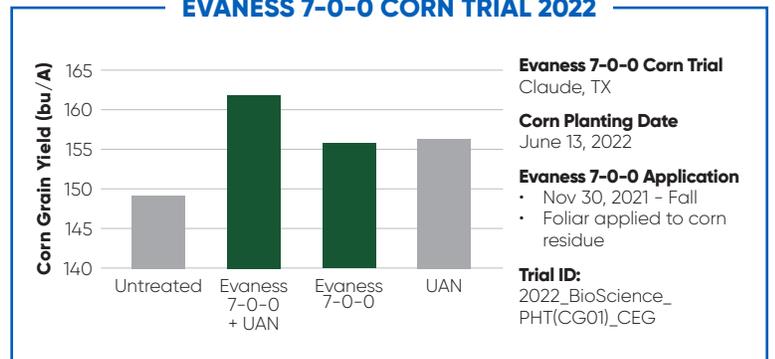
Evaness 7-0-0 is a unique blend of nutrients and fermentation enzymes designed to increase existing local populations of cellulose digesting microbes. By increasing digesting microbe populations naturally, Evaness 7-0-0 accelerates cellular structure break down in stubble, stalks, cobs, roots and other organic debris.

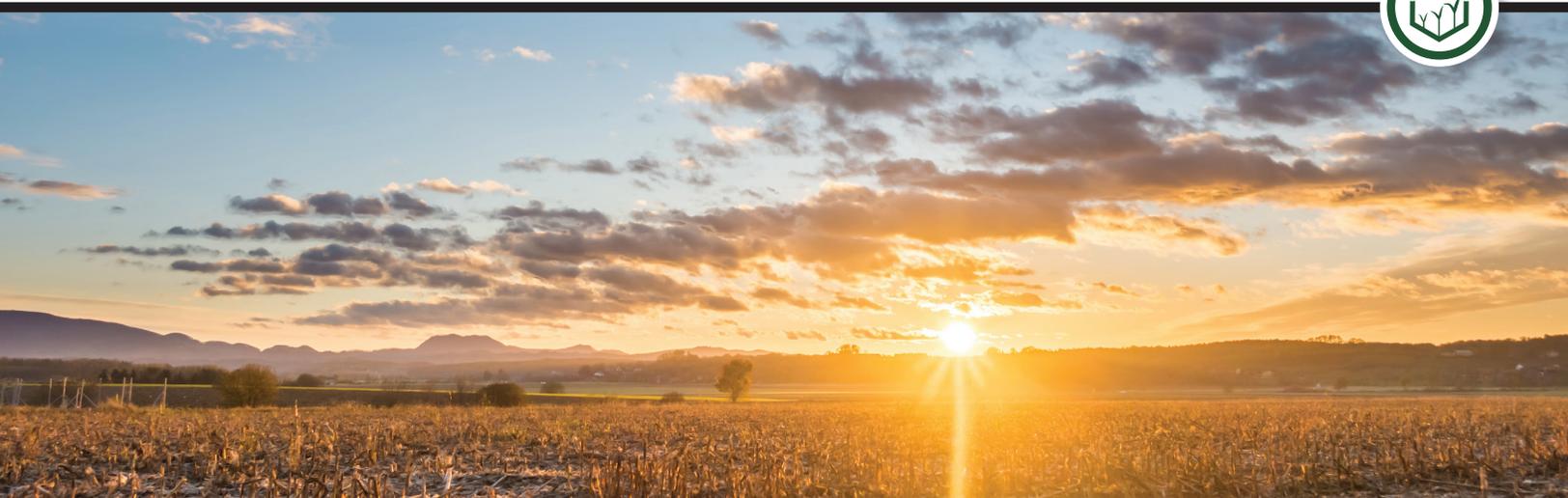


EVANESS 7-0-0 IS THE ANSWER TO NO-TILL AND MINIMUM-TILL PROBLEMS:

- Evaness 7-0-0 minimizes crop residue build-up improving the efficacy of these tillage methods.
- Reduced crop residue lessens the risk of nutrient tie up, which is important to the growing crop.
- Less residue improves herbicide activity.
- Reduced crop residue permits better seed germination leading to optimum plant population and higher yields.
- Less crop residue allows soils to warm and dry earlier, enhancing seed-bed preparation and earlier planting.
- Evaness 7-0-0 leaves just the right amount of crop residue on the soil surface for effective protection against water and wind erosion.

EVANESS 7-0-0 CORN TRIAL 2022





THE ISSUE

Prior to the widespread adoption of reduced tillage practices, crop residue was turned under to accelerate decomposition and availability of nutrients for next year's crop. Now much of the residue remains on top of the soil increasing the decomposition time and in essence delaying the availability of the nutrients locked-up in the residue. The move towards higher plant populations has only compounded the residue issue and created logistical, planting and in some cases germination issues for more and more farmers. In addition, genetic insect resistance built into corn varieties has increased decomposition time. Corn root balls below the surface are also more durable. While the debris from reduced tillage does help conserve topsoil and moisture, there are limits to the benefits. Sometimes negative consequences occur. Residue may hold in too much moisture, especially in advance of an unusually wet spring. Residue can also harbor more pathogens and over-wintering insects that are difficult to reach with pesticides and may survive to attack the spring seedlings.

University agronomist's caution against manually removing too much stover after harvest because of long-term "adverse consequences to the soil's level of organic matter or physical and chemical properties and to successive crop yields." (See "Removing Crop Residue Removes Nutrients," University of Illinois September 2010.)

Striking the right balance is the key to managing crop residue, maximizing nutrient cycling and availability and maximizing yields year over year.

Evaness 7-0-0 is the answer to residue management and plant issues.

THE SOLUTION - EVANESS 7-0-0

Evaness 7-0-0 should be applied at a rate of 1-2 quarts per acre.

Note: For best results apply with a nitrogen source.

For application convenience, Evaness 7-0-0 can be applied with additional nitrogen. Evaness 7-0-0 is recommended for any field situation where crop residue management is needed. Evaness 7-0-0 can also be used to accelerate the breakdown of cover crops after burn-down or applied with discing.

Evaness 7-0-0 can be applied in the spring pre-plant during field prep-work and when spreading ground fertilizers.

If applying during the spring, avoid application 2-3 weeks before or after a pre-emergent herbicide application. Evaness 7-0-0 may reduce the persistence and/or performance of pre-emergence herbicides.

Evaness 7-0-0 can also be applied at or immediately after harvest to encourage crop residue breakdown. Shredding, chopping, discing or other mechanical methods used to reduce crop residue piece size and incorporate into the soil will help accelerate the crop cycling process and improve the performance of Evaness 7-0-0.