

BREAK DOWN RESIDUE FASTER

INTRODUCING RENUVIS ENZARA™. A NEW BIOLOGICAL CROP RESIDUE MANAGEMENT PRODUCT FROM MOSAIC BIOSCIENCES®.



THE PROBLEM

Crop residue hinders preparation for next year's planting, impacting seedbed prep, soil warming as well as stand and emergence. Managing residue is a costly, time-consuming process. Today's higher yields and more resilient hybrids only exacerbate the residue issue – until now.

THE PRODUCT

Renuvis Enzara is a biological crop residue management product formulated with targeted enzymes that accelerate crop residue degradation. By breaking down complex organic residues, Enzara helps speed up the natural residue degradation process, enabling growers to reach optimal spring planting conditions faster than ever before. With the more uniform seedbed and/or better planting conditions from an Enzara application, improved plant establishment, emergence, and stand counts will set the next crop [or next season] up for success. It is designed to be blended with liquid fertilizer or tank-mixed and applied using a variety of agronomic application methods.



UNTREATED

TREATED

Enzara trial results.

FEATURES & BENEFITS

- Accelerates crop residue degradation faster than microbial products
- Helps reach optimal spring planting conditions faster
- Flexible application timing; suitable for fall and spring
- Functions at temperatures as low as 32 degrees and through freeze/thaw cycles
- Partners with current residue management practices
- Improves conditions for soil warming
- Improves operational efficiency
- Ease of application with flexibility across existing programs

TECHNOLOGY AT WORK

- 1 When applied post-harvest or prior to planting, the enzyme complexes in Renuvis Enzara catalyze the breakdown of cellulose, hemicellulose and other complex organic compounds found in crop residue.
- 2 These enzymes break open large, structural carbohydrate molecules enabling microbial activity to occur faster.
- 3 This accelerated degradation helps alleviate residue as an obstacle.



APPLICATION FLEXIBILITY

ENZARA APPLICATION WINDOWS	FIELD OPERATIONS IMPACTED	POTENTIAL EFFECTS OF ENZARA APPLICATIONS
POST HARVEST (FALL)	Upcoming spring planting, *fall/spring tillage	Cleaner seed row, warmer soils, tillage/planting increased acre efficiency, less wear on machinery, increased soil health, better crop establishment
PRE-PLANT (SPRING)	Current year spring planting *upcoming fall/spring tillage	Cleaner seed row, warmer soils, tillage/planting increased acre efficiency, less wear on machinery, increased soil health, better crop establishment
AT PLANTING / EARLY POST	Upcoming in season applications, *upcoming fall/spring tillage	In-season operations, fall/spring tillage acre efficiency, next season planting acre efficiency, less wear on machinery, increased soil health

* Allow residue 10-14 days after harvest for drying time prior to Enzara application and 1-2 days after application prior to tillage.

TECHNICAL INFORMATION

PRODUCT PROFILE

MODE OF ACTION	Enzymatic residue degradation and nutrient cycling to improve nutrient availability – macronutrients and micronutrients.
APPLICATION COMPATIBILITY	Effective with a wide range of liquid applications and residue management programs. Contact a Mosaic Biosciences representative for a complete list of compatible fertilizers.
ACTIVE INGREDIENTS	Proprietary enzymes
FORMULATION	Water-based
PACKAGING	2 x 2.5 gal case, 275 gal tote
SHELF LIFE	24 months under recommended storage conditions which encompasses sealed, original, temp, no sunlight.

APPLICATION RATES

POST-HARVEST / RESIDUE MANAGEMENT:	16 fl oz per acre
PRE-PLANT / BURNDOWN:	16 fl oz per acre
BROADCAST WITH LIQUID FERTILIZER:	16 fl oz per acre
HIGH-RESIDUE OR HEAVY CORN STOVER:	16 fl oz per acre

Contact a Mosaic Biosciences rep to discuss the best application options for your program/conditions

