

# DO YOUR SPRING CLEANING THIS FALL



**RESIDUE MANAGEMENT** | THE SITUATION. THE PROBLEM. THE SOLUTION.

## THE SITUATION

Did you know that approximately 50 pounds of residue are produced for each bushel of corn harvested? This means a 200 bushel corn crop produces 4.73 tons of residue. All of this residue ties up valuable nutrients in the soil.

### 4.73 tons of residue contains:

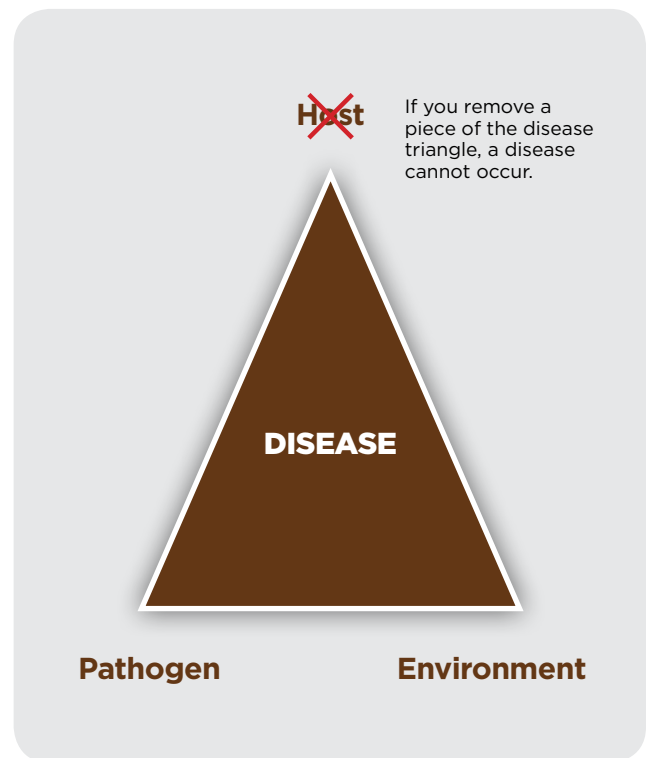
<b>75 pounds of Nitrogen</b>	<b>= \$31</b> (28%)
<b>26 pounds of Phosphorus</b>	<b>= \$14</b> (MAP)
<b>124 pounds of Potash</b>	<b>= \$37</b> (Potash)

Costs per lb of NPK based on eastern corn belt retail prices Sept 2018.  
Source: HarvestThePotential.com

Applying a residue treatment within two weeks after corn harvest has regularly shown a 4-5 bushel increase in soybean yield the following year.

## THE PROBLEM

If conditions are not suitable for decomposition, heavy residue will tie up nutrients and host pathogens for overwintering.



# THE SOLUTION

## PROGRAM RECOMMENDATIONS

### UltraMate® LQ

UltraMate LQ .....1 gal/acre  
UAN or 28% .....3 gal/acre

The carbon in UltraMate LQ stabilizes nitrogen in the soil and has some carbon immediately available to jump start microbial activity to degrade the corn fodder.

**Mixing Recommendations:** Start with a minimum of 12 gallons of water. Agitate throughout the mixing process. This mixture can be applied with fall burndown products, including glyphosate.

### Humic DG™

Humic DG ..... 40 lbs/acre

Humic DG contains the full spectrum of humic substances: humic acid, fulvic acid, and humin. By applying Humic DG with a dry fertilizer program, this carbon increases efficiency of N and P, while acting as a food source for microbes.

Humic DG features DG technology which creates a dust free, spherical, ultra dry particle that rapidly disperses into thousands of microparticles upon contact with moisture.

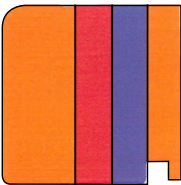
### EEZY™ CAL 10% AND SWEET 'N EEZY™

Eezy Cal 10% .....1-2 gal/acre  
Sweet 'N Eezy .....1-4 pint/acre

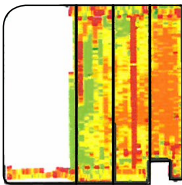
The form of calcium in Eezy Cal enters directly into the colloidal structure. It contains calcium, nitrogen and a natural carbon source, all three of which are essential to building and sustaining highly diverse and large populations of microbes. Sweet 'N Eezy contains a sugar and a carbon source, providing food for microbes. Combine products together for maximum effect to stimulate microbial activity.

# RESEARCH

## SOYBEAN YIELD BY MANAGEMENT ZONE



LEGEND	MANAGEMENT ZONE	AVG	AVG MOISTURE
	28% + UltraMate	64.45	9.18%
	Untreated	58.70	9.79%
	28% + Experimental	57.92	8.85%
	All	60.20	9.27%



DRY YIELD - SOYBEANS - 2015	
5.27 - 38.29	(2.16 ac)
38.47 - 59.39	(8.37 ac)
59.41 - 70.68	(7.75 ac)
70.71 - 116.62	(5.61 ac)
118.99 - 150	(0.02 ac)



**FOR MORE INFORMATION**  
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