



PLANT NUTRITION  
PATENTED LIQUID FORMULA

## TIMAC AGRO TECHNOLOGY

Our patented formulas are derived from nearly 60 years of research and development in plant extract technology. Through precise methods, our extracts are evaluated for their specific effects at each stage of crop development. By enriching selected extracts with macro- and micronutrients, we create bionutritional formulas that meet the ever-changing needs of the crop. Better yield and quality benefit our customers and are the result of improved emergence, vegetative growth, and reproductive performance.

As a company, our mission is to improve agriculture by focusing on four major areas of service to growers:

- Relentless innovation
- Flexible manufacturing
- Optimized applications
- Partners in the field

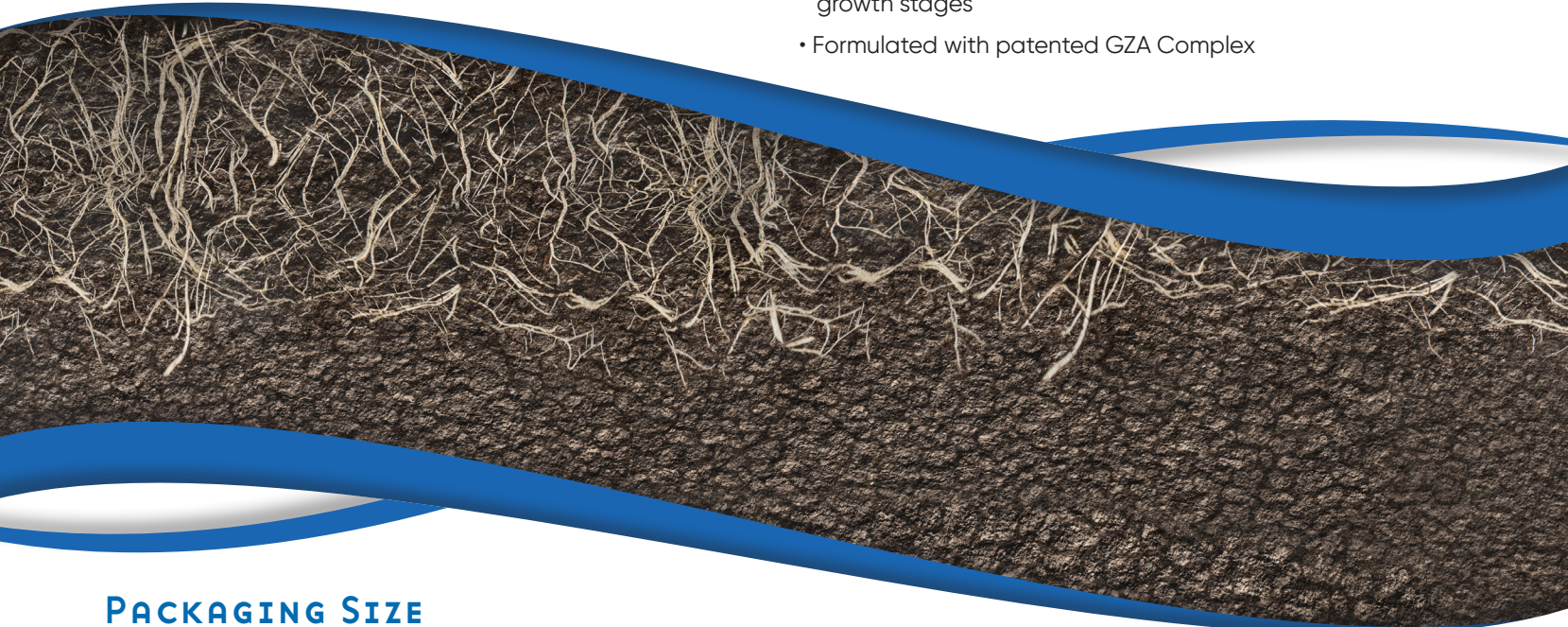
## FEATURES

The Fertiactyl® series combines highly available nutrients, activated humic and fulvic acids and our patented GZA complex. The formulations are designed to provide the plant with a critical nutritional and physiological boost at early growth stages during times of stress. Available in five formulas that provide specific nutrient combinations to match a crop's unique requirements.

All Fertiactyl products can be applied in-furrow, banded, or side-dressed. They can also be applied foliar during early vegetative development.

## KEY BENEFITS

- Activated humic and fulvic acids to improve soil nutrient availability and uptake
- Flexible formulations to provide ideal nutrients for early growth stages
- Formulated with patented GZA Complex



## PACKAGING SIZE

- 2x2.64 gallon case
- 264 gallon tote



Crop	Concern	Number of Applications	Application Stage	Application Rate (pts/ac)
Row Crops	Early Stress Relief	1	Planting through vegetative	2-4
Permanent Crops	Plant Establishment	9	At transplant & monthly	1-3
	Cold Protection	2	30 days prior & at bloom	4
Vegetables	Transplant Stress	1-3	Transplant	1% solution
	Early Cold Stress	1-3	At planting	2-4
	Plant Establishment	1-3	With herbicide	2-4
Tobacco	Plant Establishment	3	With 1st or 2nd spray (7-14 day interval)	2-4

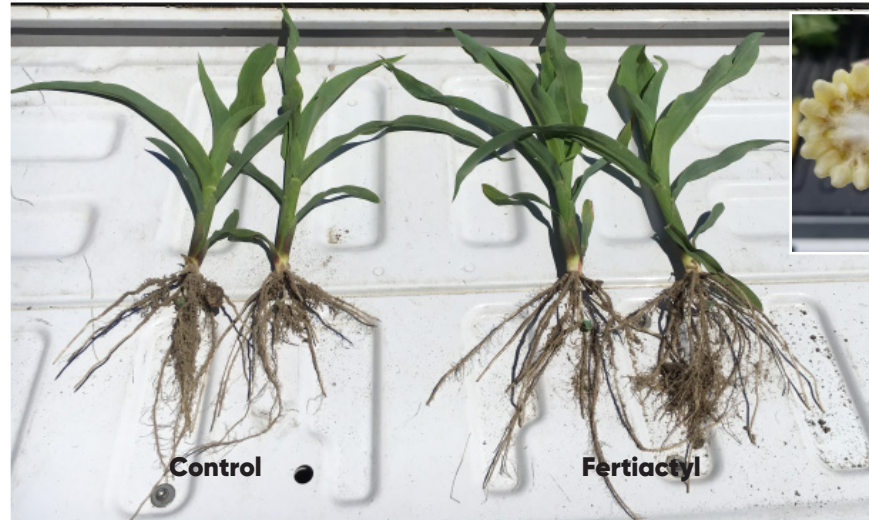


THE PATENTED FERTIACTYL PRODUCT LINE IS PROVEN!

# 10.1 bu/ac

**Average yield increase  
with Fertiactyl GZ.**

Data based on 9 third-party,  
replicated trials between,  
2012-2017. In corn grain only.



**Fertiactyl GZ**  
treated plants,  
right, show  
better early cob  
development  
and overall  
yield.



## PRODUCT COMPOSITION

Product	Primary Minerals			Secondary Minerals			Trace Minerals									
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Ca	Mg	S	B	Cl	Co	Cu	Fe	Mn	Mo	Ni	Na	Zn
<b>GZ</b>	13		5													
<b>Starter</b>	13	5	8													
<b>Kalibor</b>	3		12	2.8		3	.2									
<b>Record</b>			30			12	.2									
<b>Corn</b>	10	5	7													1

## ACTIVE INGREDIENTS

GZA Complex, activated humic and fulvic acids and nutrients.