

PHOSFORCE™

**Nutrient Enhancer
from Koch Agronomic Services**

How it Works

PHOSFORCE™



THE MODE OF ACTION WORKS LIKE A DOMINO EFFECT THAT IS CAUSED AND ACCELERATED BY THE ENZYME IN PHOSFORCE, PHOSPHODIESTERASE.



PHOSFORCE accelerates biochemical reactions in the soil by cutting organic phosphorus molecules (phosphodiesters) into phosphomonoesters.

Then, higher concentrations of phosphomonoesters trigger activity in the soil to produce phosphomonoesterase. This enzyme liberates soil phosphorus to make it more plant available.



LARGER MOLECULES:
PHOSPHODIESTERS ARE HARDER
TO BREAK DOWN. PHOSFORCE
ACCELERATES THIS IN THE SOIL.

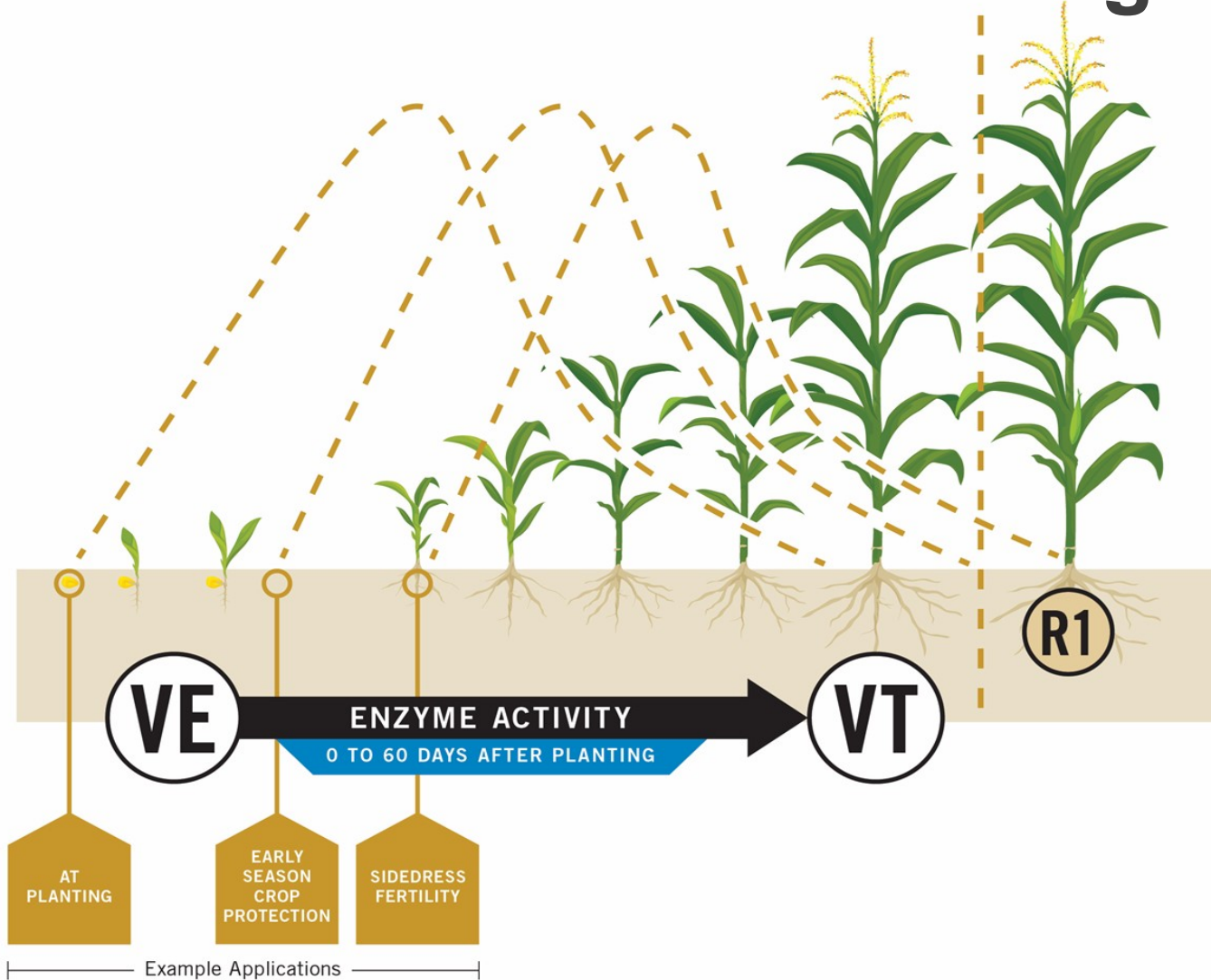


SMALLER MOLECULES:
ACTIVITY IN THE SOIL PRODUCES
PHOSPHOMONOESTERASE TO BREAK
DOWN PHOSPHOMONOESTERS.



**PLANT AVAILABLE
PHOSPHORUS**

PHOSFORCE Mineralizes Organic P



- Goes to work immediately
- Must contact the soil to be effective
- Does NOT need to “ride” with phosphorus fertilizer
- Consistent activity for up to 60 days
- Application Flexibility:
 - In-Furrow
 - Side-Dress
 - Surface
 - Irrigation/Fertigation

PERFORMANCE RESULTS

Crop	Average Yield Results
Corn	+5-6 bu/a
Soybeans	+3 bu/a
Alfalfa / Haylage	+945 lbs/a
Cotton	+33-79 lbs/a
Spring Wheat	+12.6 bu/a
Sorghum	+3 bu/a
Rice	+13.3 bu/a
Almonds	+523 lbs/a
Potato	+22.4 cwt/a



Results across various crops

KOCH AGRONOMIC SERVICES

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