



RADIATE
NEXT™
EDUCATOR

WELCOME TO THE NEXT GENERATION RADIATE

RADIATE NEXT is a new foliar-applied plant growth hormone solution that drives root growth and development while increasing the photosynthetic rate to improve energy production and realize higher yields. Applied at a low use rate and labeled for nearly every crop, **RADIATE NEXT** helps maximize performance below ground and now above.

FEATURES

- Optimized combination of IBA & kinetin combined with GABA & choline chloride
- Application flexibility from early vegetative through reproductive crop growth stages
- Compatible with a wide range of herbicides, fungicides, insecticides and foliar nutrition products

RATES

2-4 fl. oz./A

GROWER BENEFITS

- Creates larger root system that accesses more soil for increased uptake of key nutrients and water
- Improves water and carbon dioxide mobility to fuel photosynthesis
- Accelerates photosynthetic rate, thereby increasing the root and shoot growth rates

ACTIVE INGREDIENTS

3-Indolebutyric Acid (IBA); Cytokinin (as Kinetin); Choline Chloride; Gamma-Aminobutyric Acid (GABA)

Radiate



AT-PLANTING, IN FURROW



EARLY VEGETATIVE GROWTH STAGES



LATE VEGETATIVE GROWTH STAGES

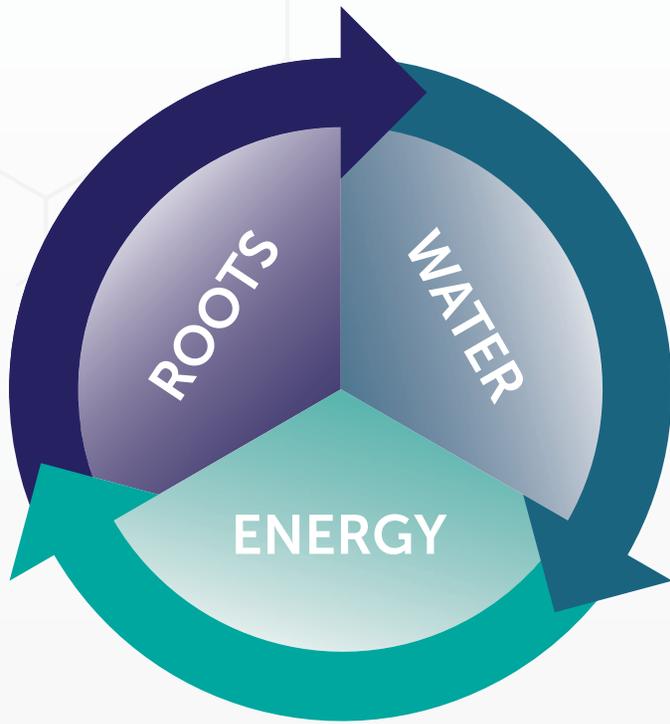


EARLY REPRODUCTIVE GROWTH STAGES



LATE REPRODUCTIVE GROWTH STAGES

Radiate Next

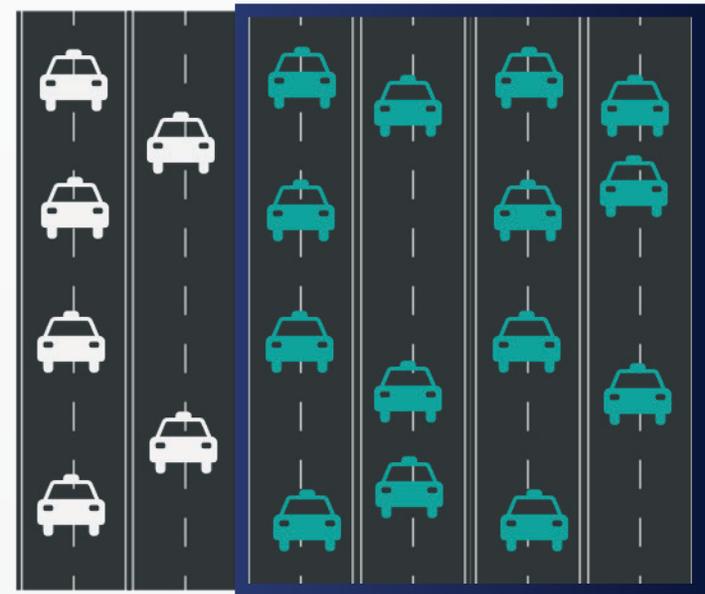


ROOTS: Optimized ratio of IBA and Kinetin stimulates root growth, development, and resilience just like RADIATE

WATER: Water channels, aka Aquaporins, exist to increase the transport of water and carbon dioxide into plant cells and throughout the plant

- These channels are the “plumbing system” of cells
- Independent research shows that GABA and Choline Chloride, both found in RADIATE NEXT, increase the activity and production of water channels, therefore driving more “fuel” for photosynthesis into cells

RADIATE NEXT CREATES MORE AQUAPORINS (LANES) TO DRIVE MORE H₂O AND CO₂ (TRAFFIC) INTO CELLS FOR PHOTOSYNTHESIS!



NORMAL

**RADIATE
NEXT™**

PHOTOSYNTHESIS



WHICH MEANS

**MORE WATER &
CARBON DIOXIDE**



**MORE ENERGY
FOR GROWTH!**

ENERGY: Increased photosynthetic rate leads to higher production of glucose which is the energy source for all crops. More energy drives root and shoot growth and a healthier crop!

AT A GLANCE

APPLICATION	Foliar application only
RATES	Apply foliar at 2-4 ounces per acre
CROPS	Please see label for registered crops
KEY GROWER BENEFITS	<ul style="list-style-type: none">• Creates larger root system that accesses more soil for increased uptake of key nutrients and water• Improves water and carbon dioxide mobility to fuel photosynthesis• Increases photosynthetic rate thereby increasing the root and shoot growth rates

DOES RADIATE NEXT GROW MORE ROOTS?

WHEAT FEEKES 10 14 DAT FOLIAR



Check



**RADIATE
NEXT™**

2 fl oz/A

DOES RADIATE NEXT GROW MORE SHOOTS?

APPLICATION: 5TH - 6TH TRIFOLIATE



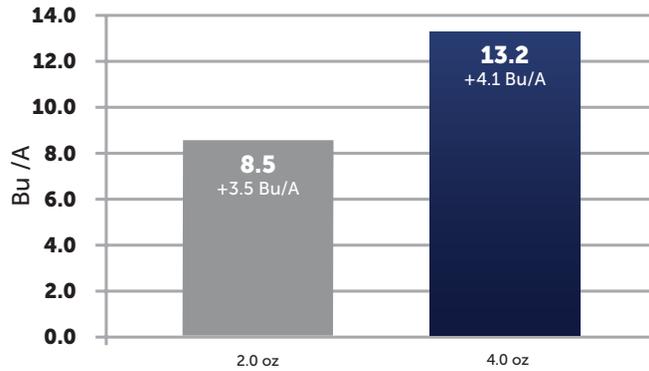
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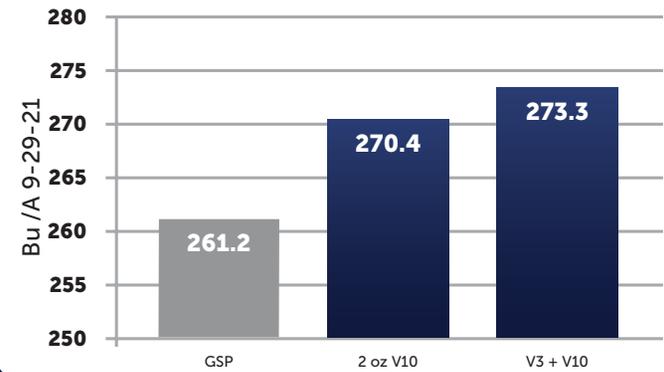
**RADIATE
NEXT™**

2 fl oz/A

Average corn yield increase
(over the GSP)



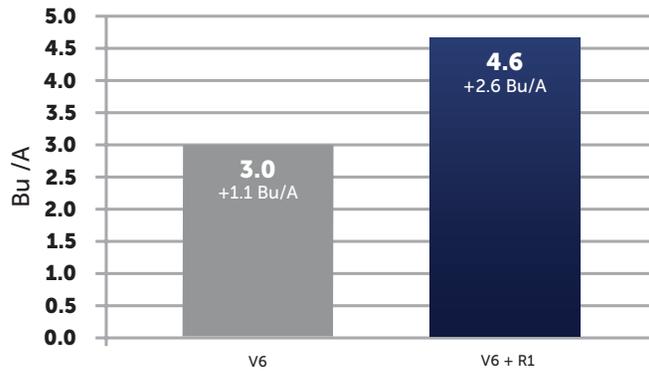
RADIATE NEXT multiple application study
in corn 2021
Erie, IL



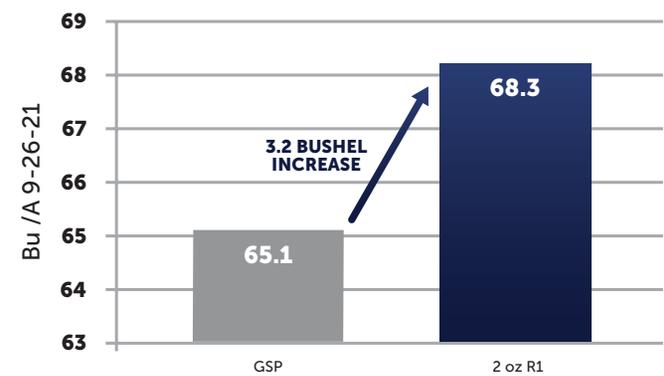
All treatments include LI 700 @ 0.25% v/v

LSD 0.2=12.23

Average soybean yield increase
(over the GSP)



RADIATE NEXT study in soybeans 2021
Erie, IL



All treatments include LI 700 @ 0.25% v/v



GET GROWING.

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contact your Loveland Products LSM.

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