

SOIL SPEAKS WE LISTEN

Bantam
KS 0-0-4-1S

ST.BIOLOGICALS™

13505, Industrial Park Blvd.
Plymouth, MN 55441

(763) 582-1140

www.stbiologicals.com



**GET EXPERT HELP FROM
OUR CROP ADVISORS**

www.stbiologicals.com/your-mentors

What Makes ADS Technology Different?

ADS Technology is a nutrient delivery system that utilizes innovative technology and formulations to ensure nutrients are absorbed efficiently by plants while minimizing the chance for environmental loss.

ADVANCED NUTRIENT PROTECTION

ADS Technology safeguards nutrients from environmental losses such as leaching and volatilization, ensuring they reach your plants where they're needed most.

OPTIMIZED ABSORPTION

Our system enhances nutrient uptake through both foliar and root absorption, delivering essential elements in the most efficient manner possible.

MICROBIAL SUPPORT

ADS Technology doesn't just feed plants—it also nourishes and stimulates beneficial microbial populations in your soil, creating a thriving ecosystem for long-term productivity.

CUTTING-EDGE INNOVATION

ST Biologicals is enhancing proven product lines to deliver better, more efficient solutions for your crop nutrition needs.

BENEFITS FOR YOUR OPERATION

- Increased nutrient efficiency and reduced waste.
- Improved soil health and microbial activity.
- Higher crop performance and yield potential.
- Sustainable practices that protect your bottom line.

ST Biologicals is committed to leading the way in innovative nutrient delivery systems for organic and sustainable agriculture. By listening to our customers and staying ahead of industry trends, we've developed ADS Technology to help growers improve efficiency, plant health, and soil vitality.





KS 0-0-4-1S

ST Biologicals Presents

Bantam KS 0-0-4-1S is an effective, readily available source of liquid Potassium Sulfate for soil and foliar applications to field, row, vegetable, fruit, tree and vine crops. Potassium improves root growth, stalk strength, reduces water loss and wilting, aids in photosynthesis, enhances sugar and starch translocation and improves plant protein content.

Suggested Uses

Where additional potassium sulfate is beneficial. Combine with ADS Technology to enhance the uptake of the potassium sulfate in the plant. If a deficiency exists multiple applications can be applied allowing 14-21 days between applications. If foliar applying early morning or late evening are best.

Ingredients

Derived from Organic Sulfate of Potash.



Product Benefits

Potassium is an essential nutrient for plant growth and is associated with the movement of water and carbohydrates in plant tissues. It also improves enzyme function which affects protein and starch production.



YIELD ENHANCEMENT

- Increased root growth
- Reduces lodging
- Increased yield potential
- Improved winter hardiness in legumes



LOW IMPACT ON ENVIRONMENT

- Low dose formula
- Reduces respiration preventing energy loss



SYSTEMATIC ACTION

- Improves root growth and improves drought resistance
- Potassium helps regulate the opening and closing of the stomata, which regulates the exchange of water vapor, oxygen and carbon dioxide



EASY TO HANDLE

- Liquid form that mixes easily
- Compatible with most fertilizers
- Typical application rate 2-3 gallons/acre
- See your consultant for specific recommendations