SUMITOMO BIORATIONAL

Proliant®

PLANT GROWTH REGULATOR



PRODUCT BENEFITS

INCREASED ROI

Maximizes silage tonnage while retaining nutritional quality

ENHANCED GROWTH

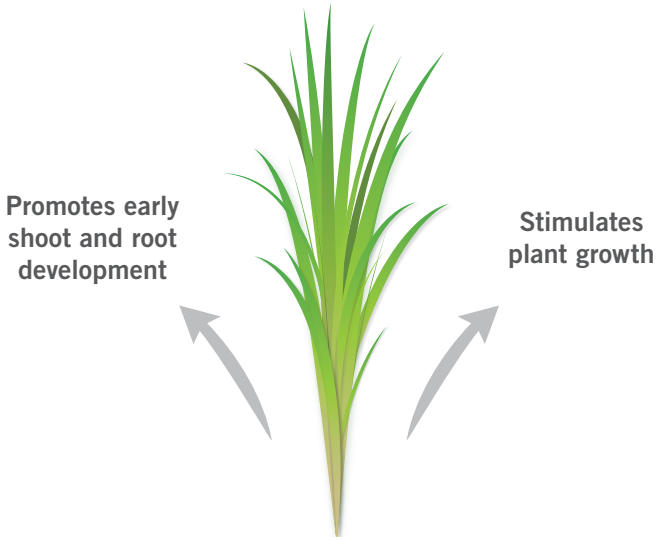
Promotes shoot growth, root establishment, and vegetative growth

EXTENDED GROWING SEASON

Supports forage production when cool-season conditions limit growth

Proliant® is a gibberellic acid (GA_3) plant growth regulator designed to enhance early growth in pasture, hay, and silage corn.

Cool spring and fall temperatures can slow vegetative growth, limiting biomass production and yield potential in forage crops and restricting silage corn development. Proliant supplies GA_3 to stimulate early-season growth, accelerate shoot and root development, and promote greater vegetative biomass for improved productivity.



MODE OF ACTION

GA_3 is a naturally occurring plant hormone that stimulates protein synthesis and enzymes involved in plant growth. Proliant promotes cell expansion, cell elongation, and early shoot and root development, resulting in increased vegetative growth and biomass production.

OMRI LISTED
For Organic Use · OMRI.org

Proliant®
PLANT GROWTH REGULATOR

Contact your Sumitomo Biorational representative to discuss product fit, use, and application for optimal performance.



Package Size: 30 oz

INGREDIENT STATEMENT

Active Ingredient: Gibberellin A_3 ..... 40.0%
Other Ingredients 60.0%
TOTAL 100.0%
Contains a total of 1 g of Gibberellic Acid in 2.5 g of product.

CROP / OBJECTIVE	USE RATE	APPLICATION TIMING
Corn: Field, Silage, Popcorn, Sweet Corn, Seed Corn Objective: To increase yield.	2 – 6 g a.i. 5 – 15 g product 0.3 – 0.6 oz product	Apply at V2 – V6
Perennial Forage Grasses Objective: To stimulate dry matter production when cool-season conditions limit growth rates.	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1 oz product	Spring Application: Make 1 – 3 applications every 3 – 4 weeks, starting at green-up after 1 – 2 inches of new shoot growth has emerged. Autumn Application: Make 1 – 3 applications every 3 – 4 weeks, starting when forage growth has slowed due to cool temperatures. Best response occurs when average daily temperatures are between 40°F and 60°F and adequate moisture and nutrition are present.
Annual Forage Grasses Objective: To stimulate dry matter production when cool-season conditions limit growth rates.	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1 oz product	Make 1 – 6 applications every 3 – 4 weeks from autumn to early spring during periods of suboptimal growth due to cool temperatures. If applying to over-seeded pasture or newly established pasture, apply only after seedlings are well established. Best response occurs when average daily temperatures are between 40°F and 60°F and adequate moisture and nutrition are present.
Timothy Hay Objective: To stimulate dry matter production when cool season conditions limit growth rates.	0.3 – 1 oz product	Spring Application: Apply when forage growth is slow due to cool temperatures. After Cutting: Apply 7 – 14 days after cutting to promote growth.
Cereal Grains Objective: To stimulate dry matter production when cool-season conditions limit growth rates.	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1 oz product	Spring Application: Make 1 – 3 applications every 3 – 4 weeks, starting at green-up after 1–2 inches of new shoot growth has emerged. Autumn Application: Make 1 – 3 applications every 3 – 4 weeks, starting when forage growth has slowed due to cool temperatures. Application to cereal grains during stem elongation (jointing onwards) can result in lodging. Apply during early tillering growth stages prior to stem elongation to avoid lodging. Best response occurs when average daily temperatures are between 40°F and 60°F and adequate moisture and nutrition are present.
Winter Brassicas Objective: To stimulate dry matter production when cool season conditions limit growth rates.	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1 oz product	Spring Application: Make 1 – 3 applications every 3 – 4 weeks, starting at green-up after 1 – 2 inches of new shoot growth has emerged. Autumn Application: Make 1 – 3 applications every 3 – 4 weeks starting when forage growth has slowed due to cool temperatures. Best response occurs when average daily temperatures are between 40°F and 60°F and adequate moisture and nutrition are present.

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SUMITOMOBIORATIONAL.COM/BIOSTIMULANTS

Always read and follow label instructions. For the full product warranty, terms and conditions, please visit warrantydetails.net, or contact us at 1-877-696-4204. Proliant is a trademark of Sumitomo Biorational Company LLC.

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