

# BOMBARDIER

NEXT GENERATION ORGANIC BIOSTIMULANT  
FREE AMINO ACIDS 13% + FULVIC ACIDS 23.1%

Product



GREEN  
**Energy**  
IN PURE STATE

## FULLY LOADED STRESS MITIGATOR

Use Bombardier frequently to help plants defend themselves against adverse conditions including: heat, cold and frost stress, soil constraints and disease pressure.

## SYNERGISTIC BALANCED EFFECT ON BOTH THE PLANT AND THE SOIL

- **Plants** - Contains a specific balanced aminogram and antioxidants that builds a strong stress mitigating profile in plants with a bonus of 10% Nitrogen.
- **Soil** - Contains a complex array of plant based soil biostimulants including natural phytohormones (cytokinins, auxins, gibberellins), polyamines, antioxidants, betaines, peptides, secondary metabolites, polysaccharides, auxins, vitamins, nitrogen fixing bacteria, carbohydrates and organic mater to improve nutrient availability in soil, resulting in a high uptake in plants.

## FORMULATION - EASY UPTAKE BY PLANTS

Small particle size so plants expend less energy to assimilate nutrients.

Plant source so aminogram matches the plants.

Chelated with micronised organic molecules that break chemical blocks allowing nutrient uptake.



[kimatecgroup.com](http://kimatecgroup.com)



*Harness the power of nature*

## GROWERS USE BOMBARDIER AS AN "INSURANCE" AGAINST ADVERSE CONDITIONS.

There are many touch points in life of crop where energy demands are higher, such as flowering, budding, fruiting, disease pressure, heat, cold, frost, drought.

Bombardier improves the whole system, improving growth in adverse conditions as well as improving the efficiency of inputs including nutrients.

Outcome - improved yield and quality



Crop: **VINEYARD** Reduces impacts from plant stress  
Location: Valladolid (Spain)



Crop: **WATERMELON** Vegetative growth  
Location: Almería (Spain)



Crop: **RICE** Reduced chlorosis - Vigor  
Location: Perú



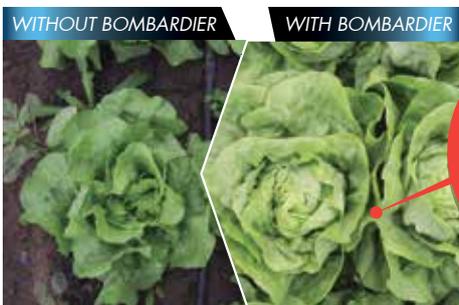
Crop: **LEMON** Sprouting and overcoming stressful phases  
Location: Alicante (Spain)



Crop: **STRAWBERRY** More vigor  
Location: Larache (Morocco)

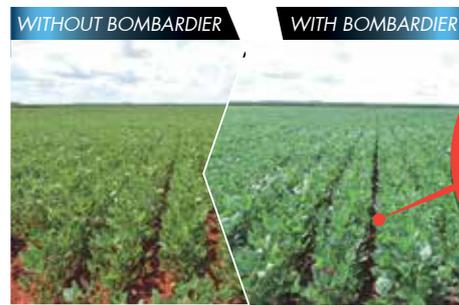


Crop: **WHEAT** Vegetative development  
Location: Kupiskis, Panevėio area (Lithuania)



Crop: **LETTUCE**  
Location: Granada (Spain)

**22% MORE YIELD**



Crop: **SOYBEAN**  
Location: Chapadões Region (Brazil)

**8.9% MORE YIELD**

### Composition

Free Amino Acids 16.6%

Saccharides 7.9%

Fulvic Acid 29.6%

Organic Matter 76.7%

Amino Acids plant based for easier assimilation.

**Highly soluble** - no clogging, can use greater concentrations without precipitates, ideal when water in shorter supply.

**Small particle size** - improves absorption, plants need less energy to assimilate the nutrients.

**Stability** - homogeneous and stable

**Bioavailability** - formulations complexed & chelated with organic molecules that break chemical blocks allowing nutrient uptake.

### RATES

**Foliar:** 200-300ml/100L water

**Fertigation:** Drip: 5-10L/ha

**Rehabilitation:** 20L/ha

**Greenhouse Vegetables:** Apply throughout the cycle of the crop every 7-14 days; foliar or fertigate.

**Vegetables:** Leafy crops: Apply regularly in early stages of growth.

**Fruiting Vegetables and Cut Flowers:** 4-6 applications from the beginning of the crop, depending on stress and development.

**Strawberries:** 6-8 L/ha Apply regularly through life of the crop.

**Blueberries and Cranberries:** 10L/ha Apply 3 times; budding, fruit setting and fruit sizing.

**Orchards, Citrus, Subtropical and Olives:** Apply at bud break, pre-bloom and once the fruit setting is complete. Use when crops stressed.

**Vines:** Apply during vegetative growth; repeat 2 to 3 times from post-berry set until the beginning of ripening.

**Cereals:** Minimum dose: 4L/ha once. Can be applied mixed with herbicides.

In summer cereals, apply at 35-40 days after seeding.

Foliar applications enhance the effect of insecticides and fungicides.

Irrigation applications are particularly effective as the high organic matter and fulvic acid in Bombardier improves soil health.

For crop specific programs contact your retailer or SFS agronomist.