



PROFARM

TECHNOLOGIES

Kalle Virta

Director – Research and Development

2019



PROFARM

A MARRONE BIO COMPANY



Kalle Virta, Director R&D

December 2019



Safe Harbour

This presentation contains forward-looking statements that involve substantial risks and uncertainties. All statements, other than statements of historical facts, included in this press release regarding strategy, future operations and plans, including assumptions underlying such statements, are forward-looking statements, and should not be relied upon as representing the Company's views as of any subsequent date. Such forward-looking statements are based on information available to the Company as of the date of this presentation and involve a number of risks and uncertainties, some beyond the Company's control, that could cause actual results to differ materially from those anticipated by these forward-looking statements, including any difficulty in developing, manufacturing, marketing or selling the Company's products, any failure to maintain and further establish relationships with distributors, competition in the market for pest management products, lack of understanding of bio-based pest management products by customers and growers, adverse decisions by regulatory agencies, and the impact of negative publicity and perceptions around the company's financial restatement. Additional information that could lead to material changes in the Company's performance is contained in its filings with the SEC. The

Company is under no obligation to, and expressly disclaims any responsibility to, update or alter forward-looking statements contained in this presentation, whether as a result of new information, future events or otherwise.

Product and Program names -- including Regalia®, Regalia® CG, Regalia Maxx®, Regalia Rx®, Stargus®, Grandevo® WDG, Grandevo® CG, Venerate® XC, Venerate® CG, Majestene®, Haven®, Amplitude®, Zelto®, Jet-Ag®, Jet-Oxide® and Zequanox®, BioUnite™, Bio With Bite® and TerraConnect™ - are trademarks or registered trademarks of Marrone Bio Innovations.

UBP-110®, LumiBio™, LumiBio Valta™, LumiBio Kelta™, Foramin® and Pro Farm® are trademarks or registered trademarks of Pro Farm Technologies.

Pro Farm Technologies

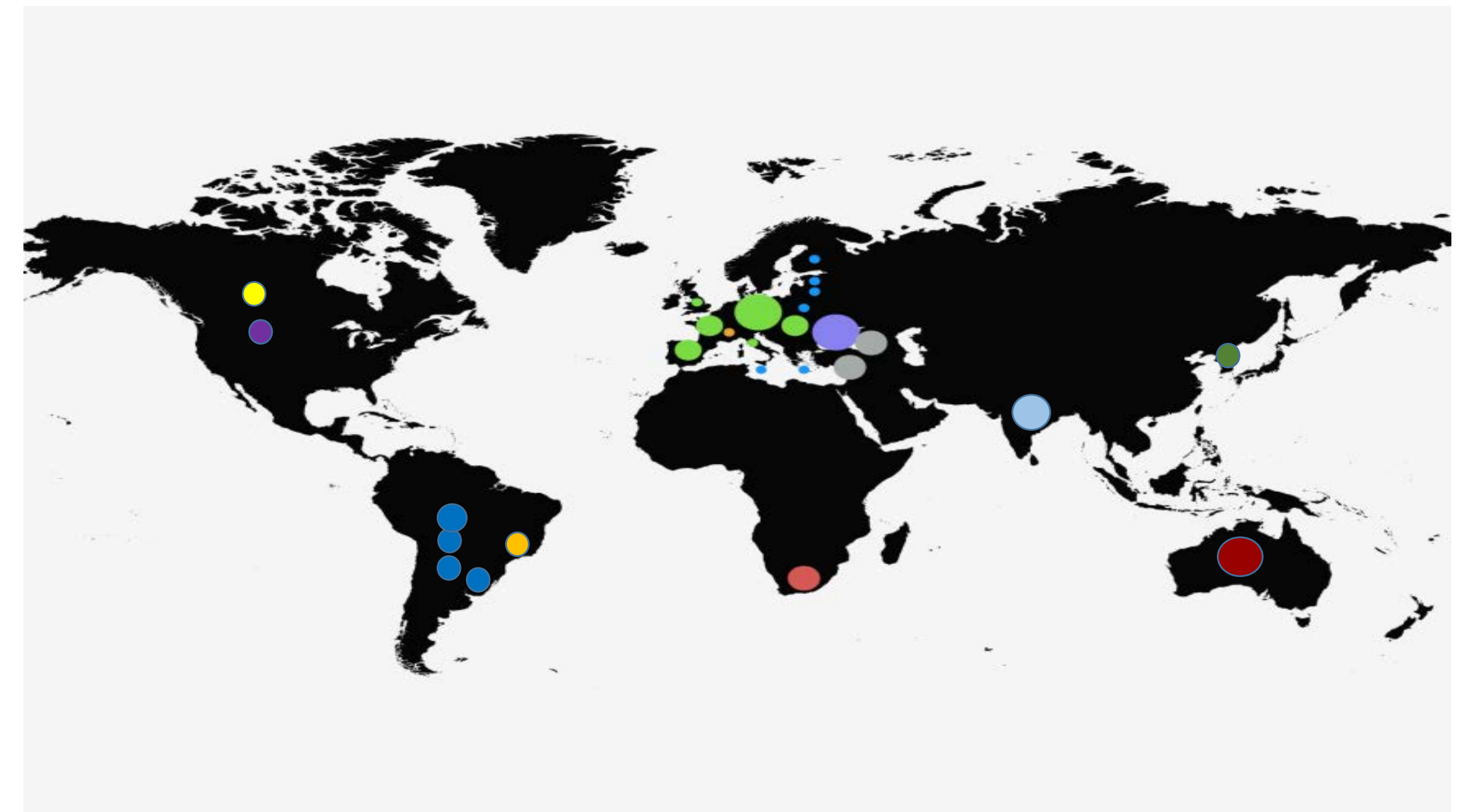
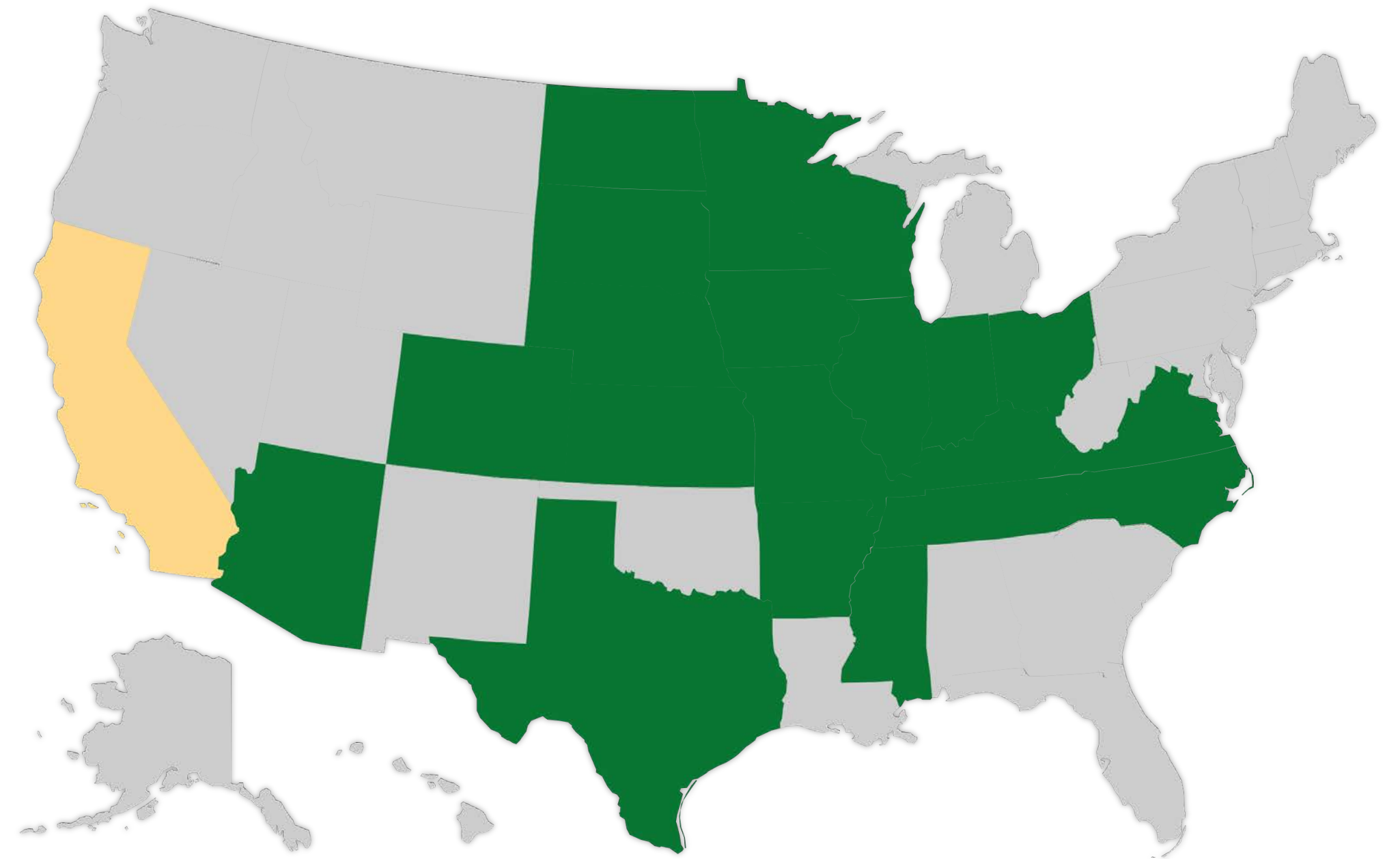
Pro Farm was founded in 2014 by Dr. Igor Taganov

R&D started in 1970's

Active sales in the Americas and EMEA since 2017

- Key partnership with Corteva Agriscience in EMEA

Product portfolio contains “biological” plant physiology solutions for seed and foliar -treatment



An aerial photograph showing a large green field on the left and a yellow field on the right, separated by a diagonal line. A small red tractor is visible in the yellow field, moving towards the top right. The text "PRO FARM SOLUTIONS" is overlaid in white, bold, sans-serif font across the center of the image.

PRO FARM SOLUTIONS

Technology

Molecular level complex with organic acids and bonded nutrients.

- Highly concentrated.

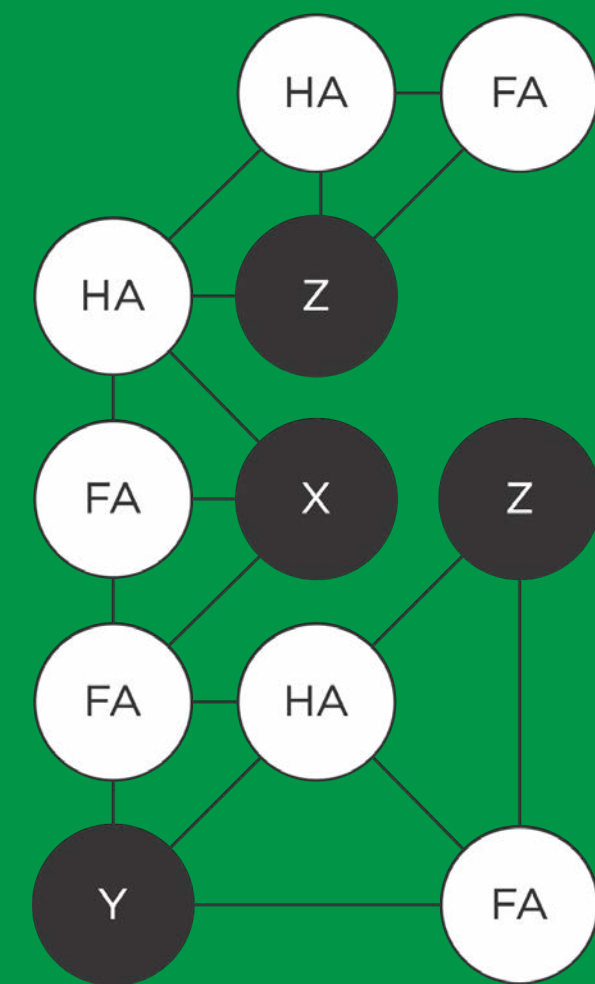
Seed treatment:

- 500 ml – 1 200 ml /tn of seeds (0.86 – 2.06 fl oz / cwt)

Foliar treatment:

- 150 g/ha (2.15 oz/ac)

Not a stand alone product.



PROFARM

FORAMINTM

0 • 0 • 8

Soluble Potash (K ₂ O).....	8.000%
Total Sulfur (S).....	2.000%
2.0% Combined Sulfur (S)	
Cobalt (Co).....	0.050%
Copper (Cu).....	0.060%
Manganese (Mn).....	0.060%
Molybdenum (Mo).....	0.005%
Zinc (Zn).....	0.060%

*Derived from: Ammonium Sulfate, Sulfate of Potash
Magnesia, Potassium Hydroxide, Cobalt Sulfate,
Copper Sulfate, Manganese Sulfate, Zinc Sulfate and,
Ammonium Molybdate.*

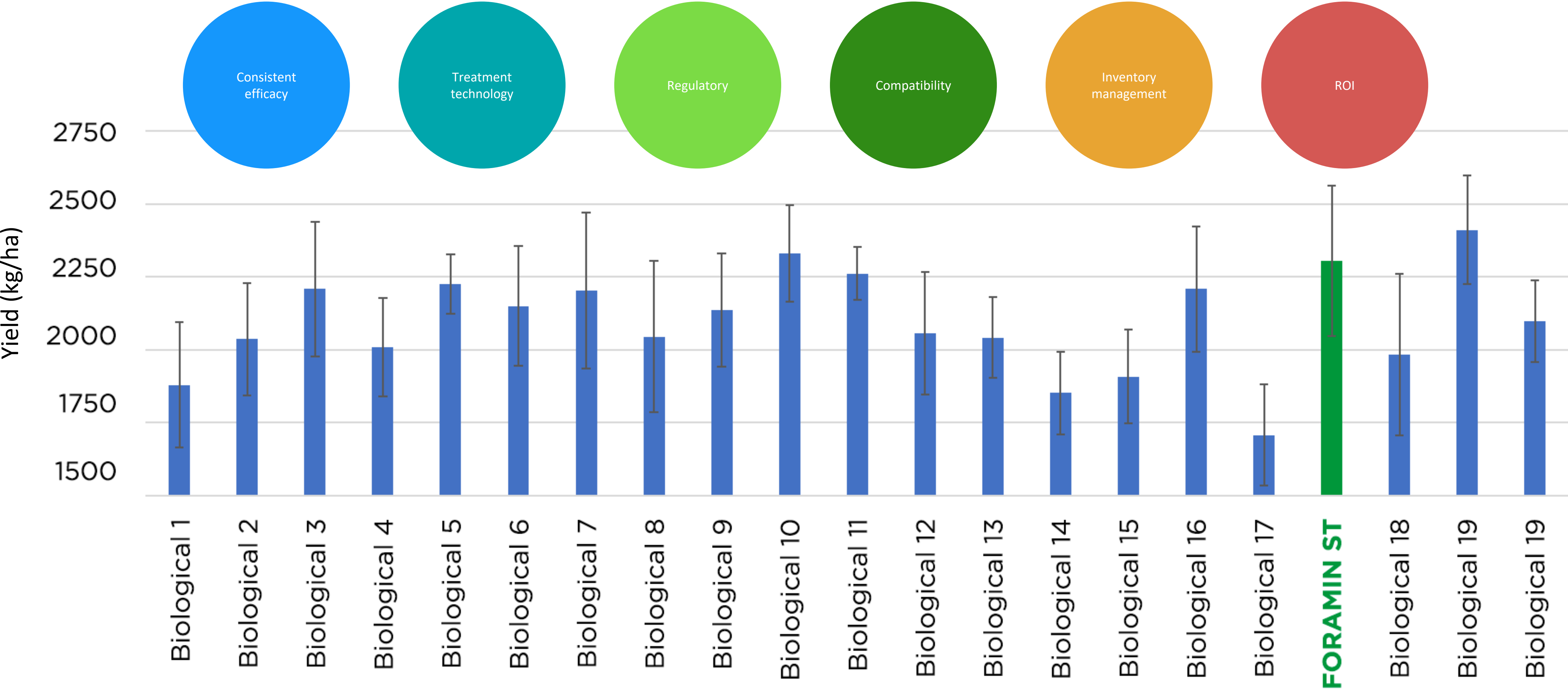
WEIGHT: 2,2 Lbs (1Kg)


FORAMINTM IS A TRADEMARK OF PROFARM, INC.

A red combine harvester is shown from a distance, working in a vast field of golden wheat. The harvester is positioned on the right side of the frame, moving towards the left. The field is filled with tall, golden wheat stalks that are slightly out of focus in the foreground, creating a sense of depth. The sky is a clear blue with some light, wispy clouds. The overall scene conveys a sense of agricultural productivity and the scale of modern farming.

EFFICACY OF THE BIOLOGICALS

Key Value Proposition Beyond the Yield





RESULTS 2019

A photograph of a lush green wheat field stretching to the horizon under a clear sky. A blue rectangular banner is centered over the middle of the image, containing the text 'UBP ON CEREALS' in white, bold, sans-serif capital letters. The wheat stalks are in the foreground, showing their green leaves and developing grain heads.

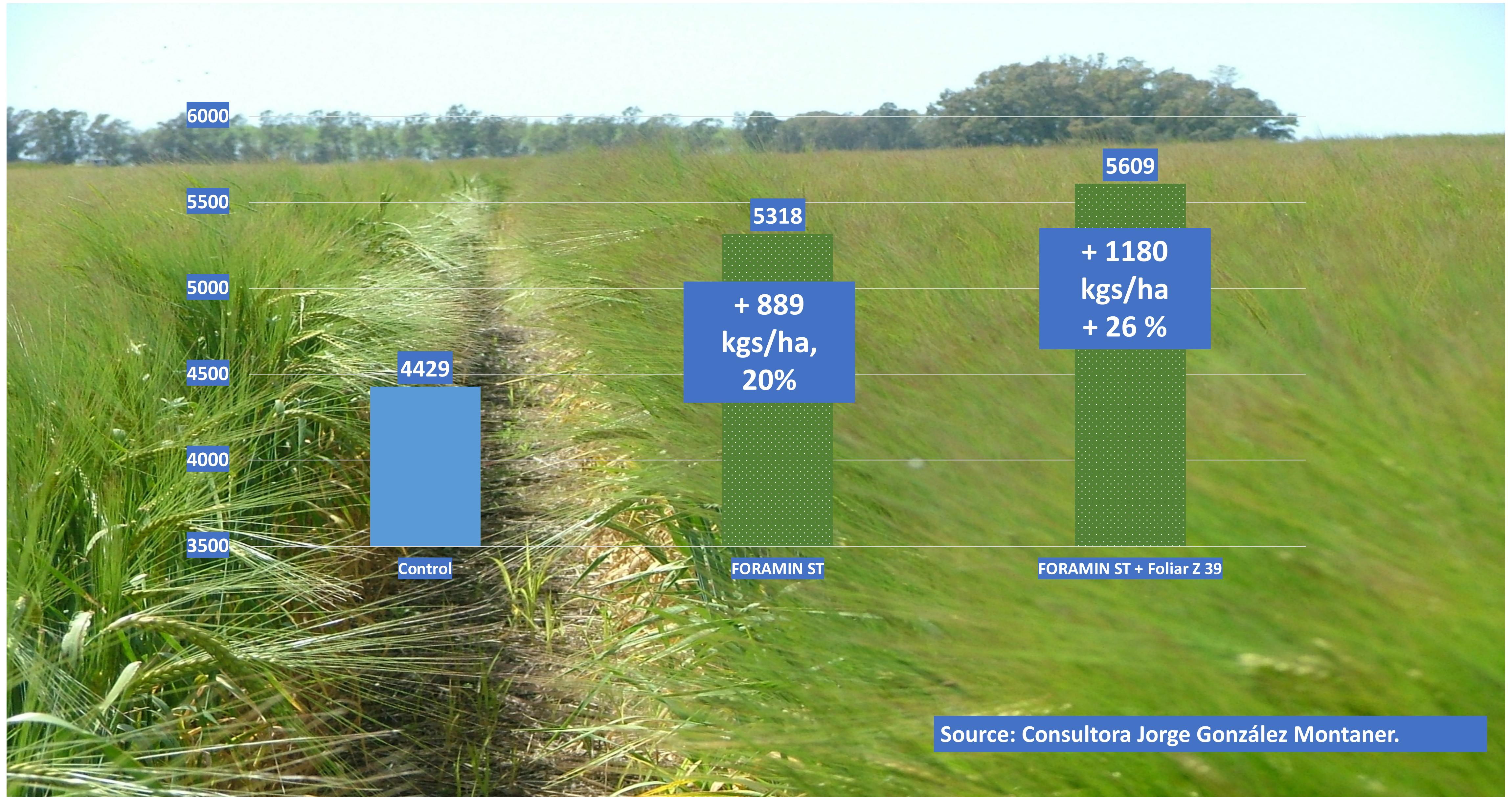
UBP ON CEREALS

Argentina: Wheat yield (kgs/ha) in 5 locations

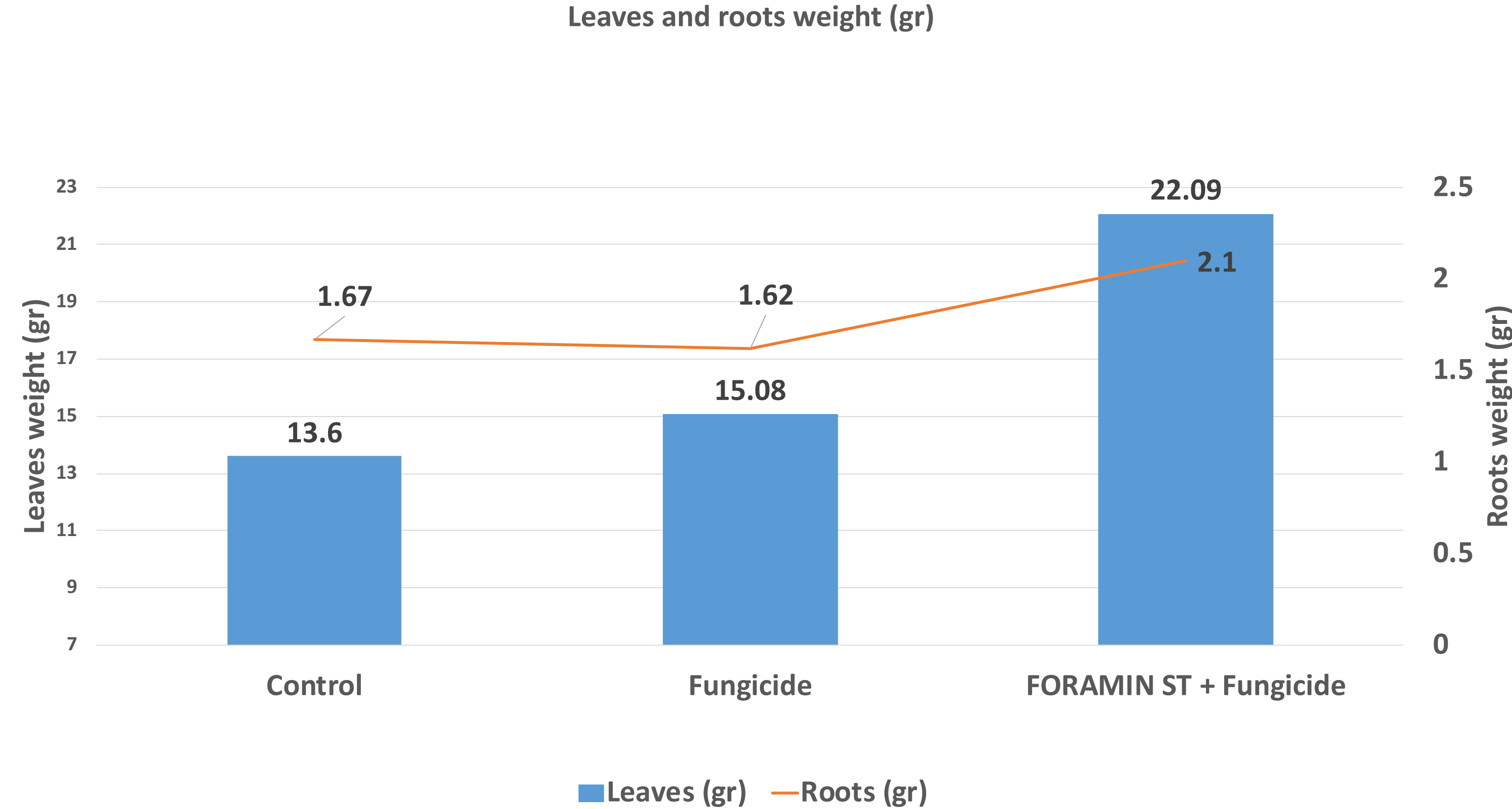


Source: Consultora Jorge González Montaner.

Argentina: Barley yield (kgs/ha), 5 locations



Barley: root and leaves weight (gr)

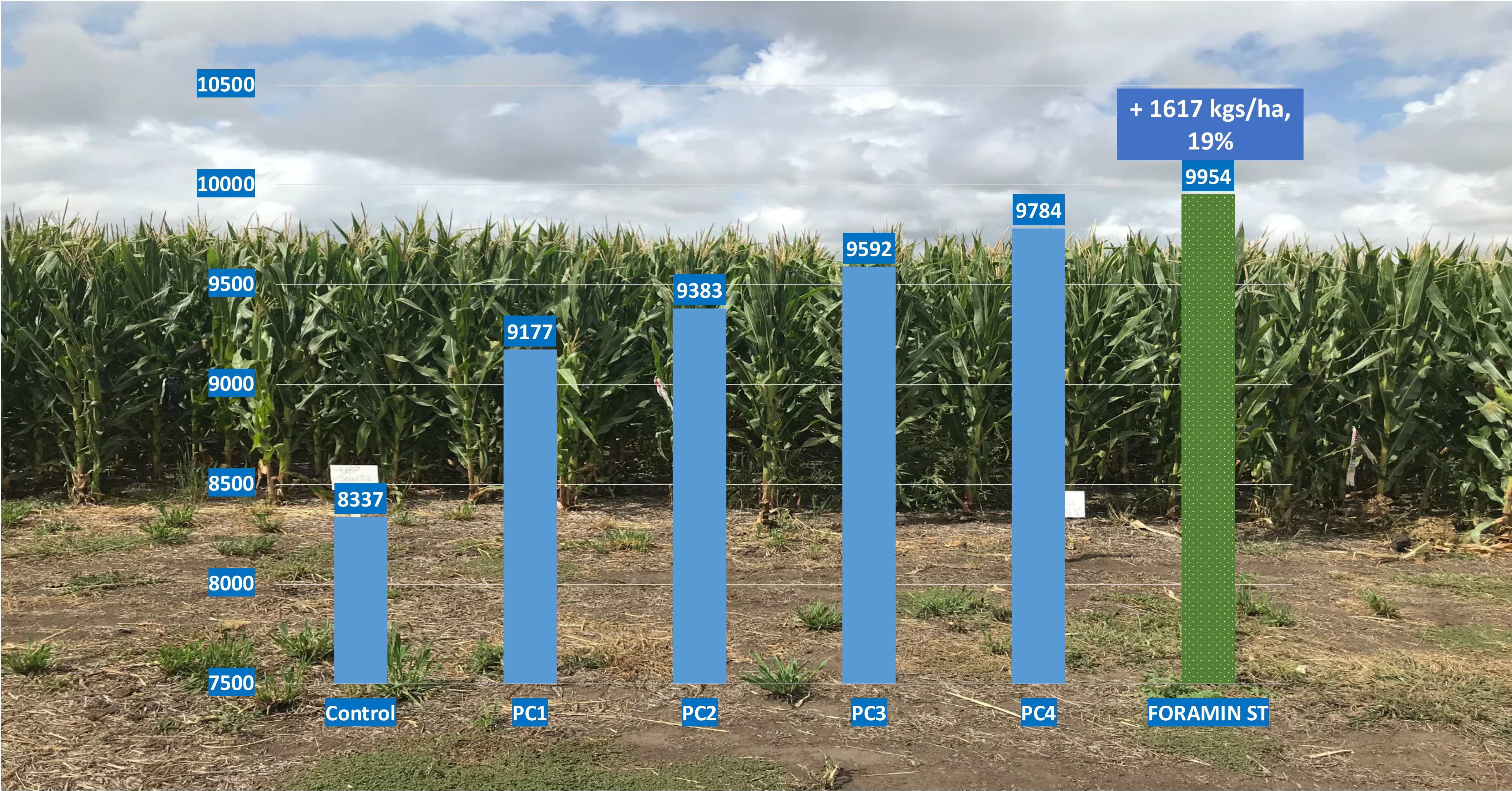


Source: INIA La Estanzuela Uruguay

FORAMIN ON CORN



ARGENTINA, Corn yield (kg/ha) 3 locations



Source: Consultora Gonzalez Montaner

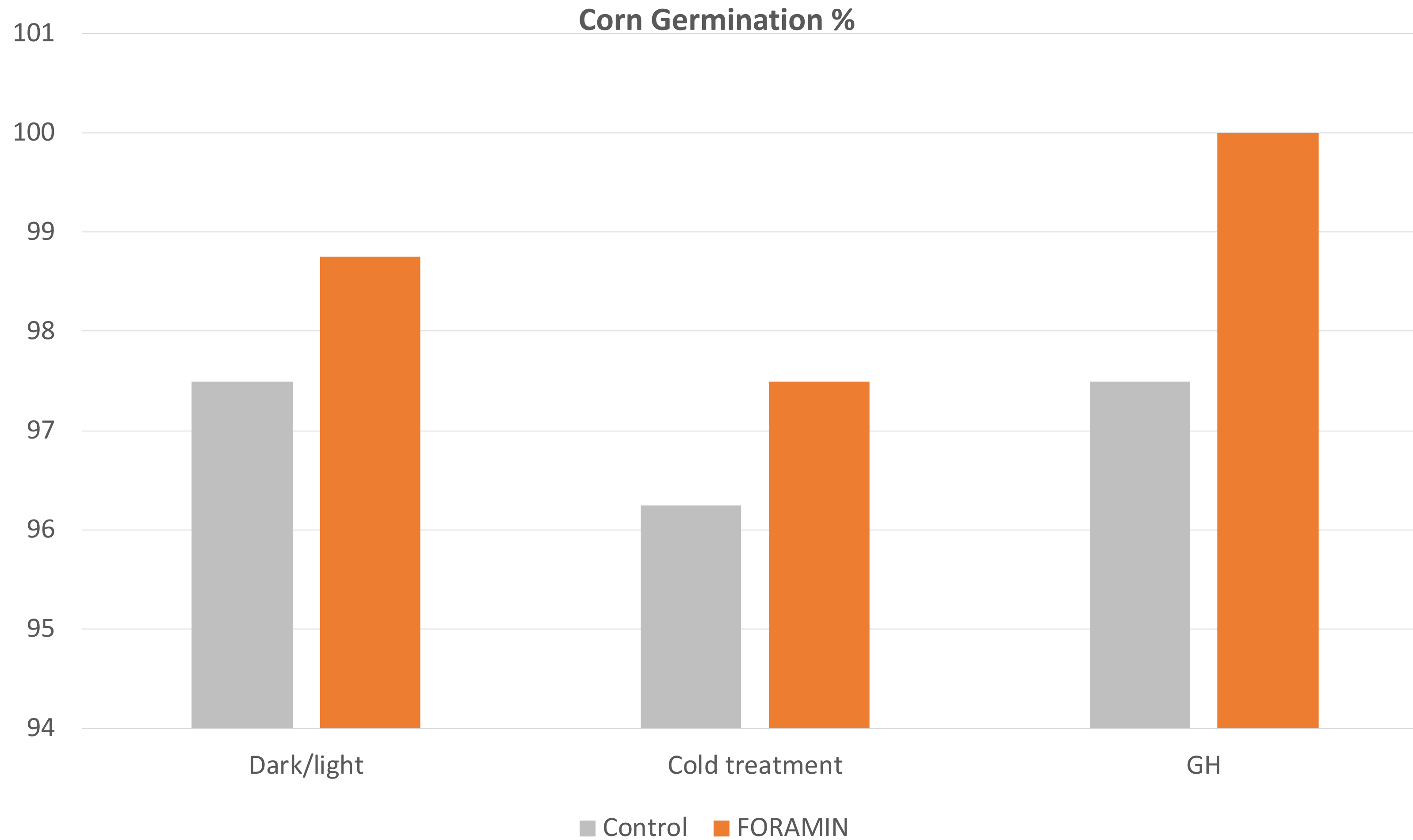


Biomass weight:
 Control: 0.55 g/plant
 Lumibio Kelta: 0.68 g/plant → +23%



Greenhouse, EST 2019

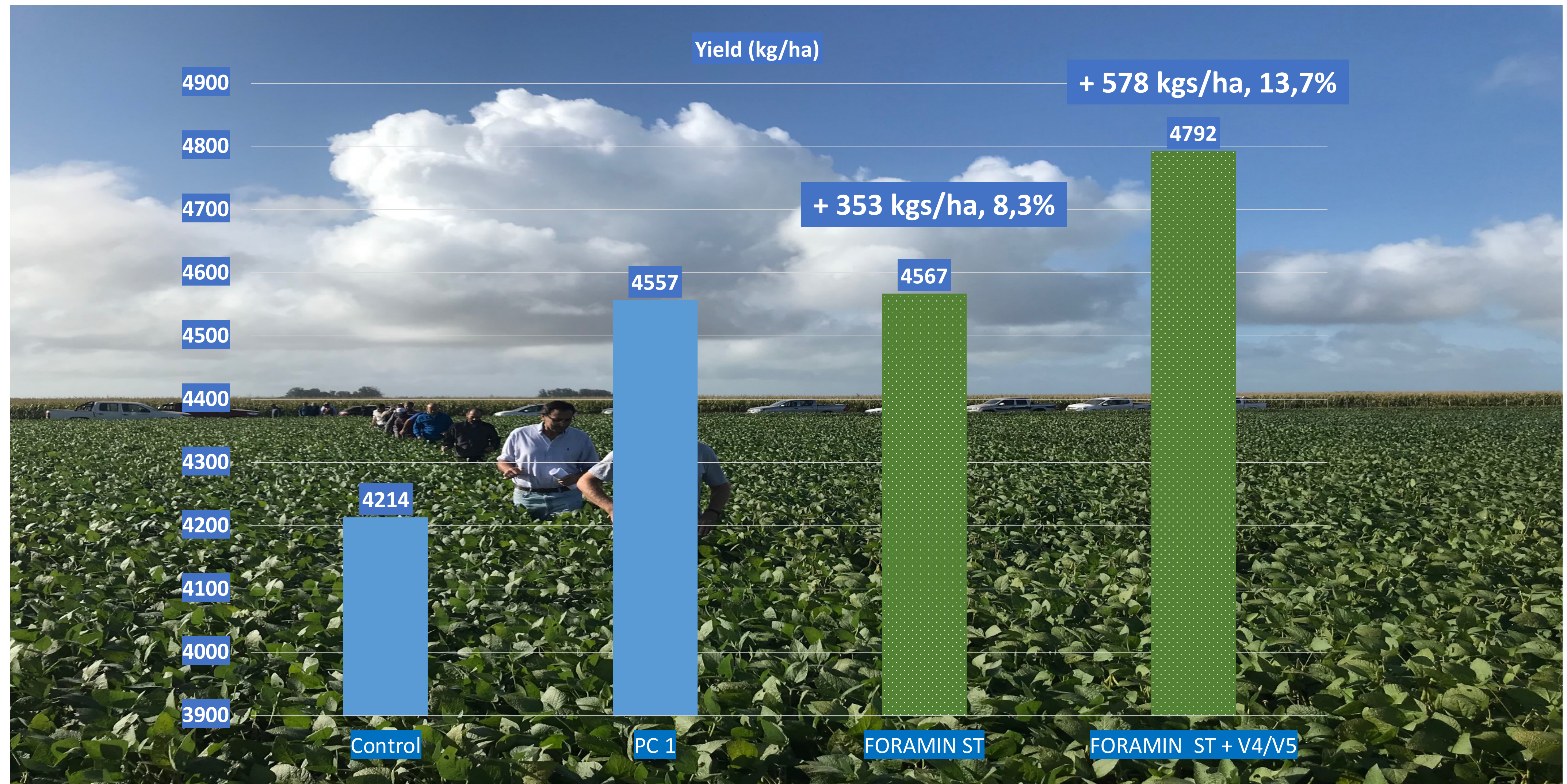
FORAMIN ST GERMINATION IN DIFFERENT CONDITIONS



A wide-angle photograph of a lush green soybean field. The plants are densely packed and appear healthy. In the background, a line of trees is visible against a clear sky. A blue banner with white text is overlaid on the center of the image.

FORAMIN ON SOYBEAN

Argentina: effect on soybean yield, average of 3 locations



Source: Consultora Gonzalez Montaner

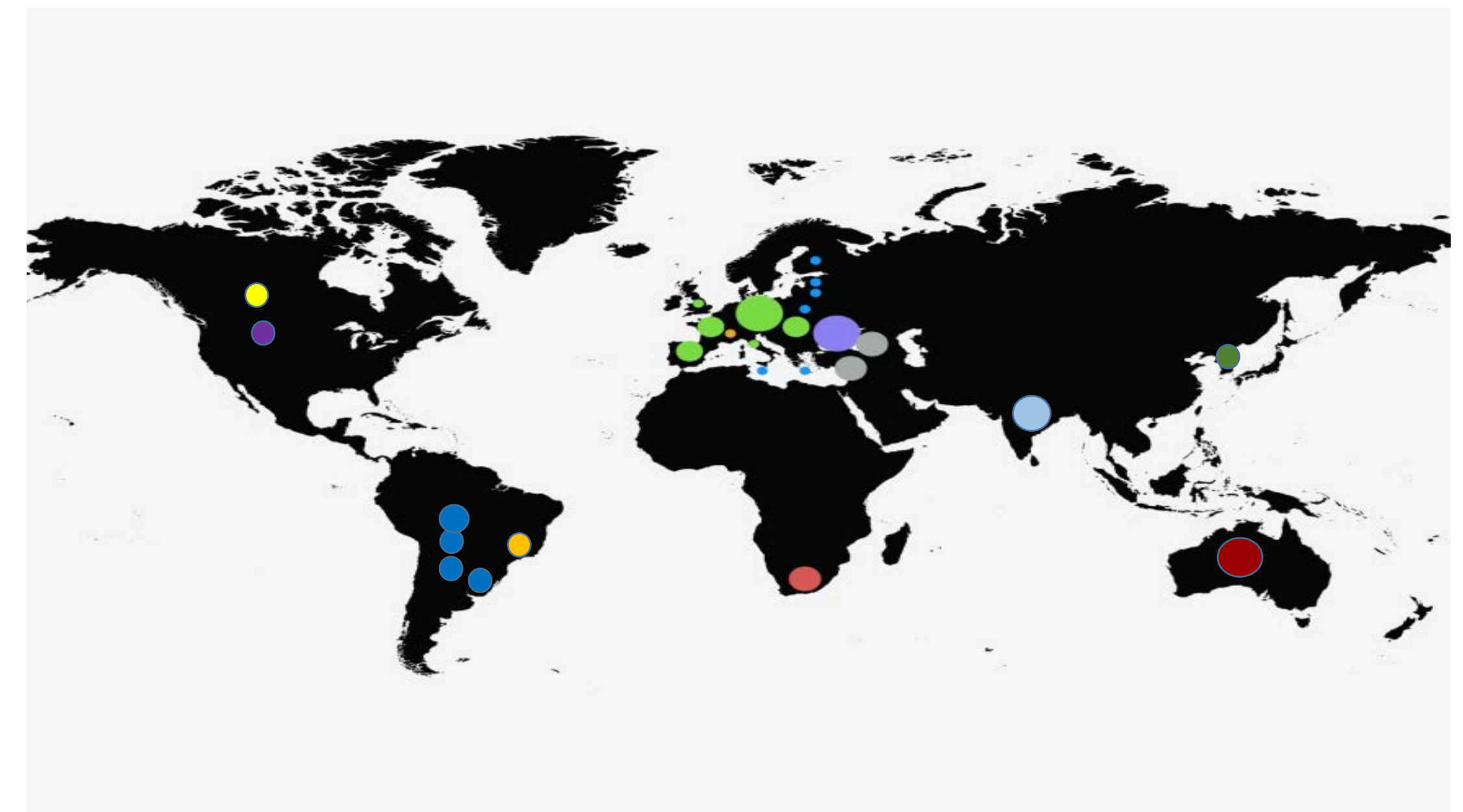
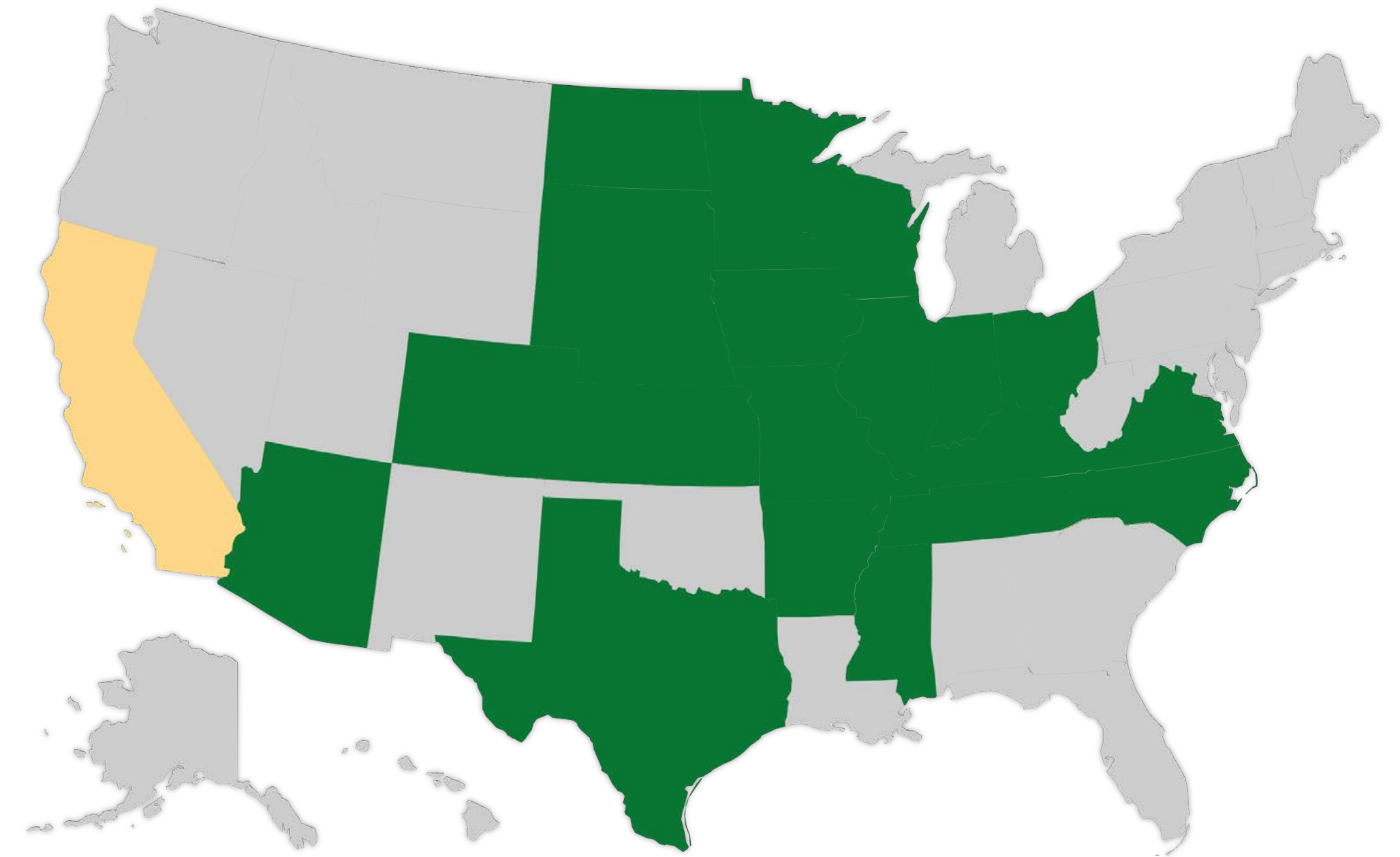
SUMMARY

Marrone Bio Innovations and Pro Farm Technologies have a global impact with biological solutions.

Pro Farm's products impact on plant health and alleviates multiple stresses.

In addition to consistent yield improvement, products have beneficial effect on root and shoot development, early development and mitigates multiple stress factors.

Efficacy is beyond the yield.





THANK YOU!

Kalle Virta

Director – Research and Development

kalle.virta@profarm.org

SUPPORTING MATERIALS

Contact Us

Pro Farm Technologies Oy

Vantaankoskentie 14, 01670 Vantaa Finland

Tel. +358 9 817 11 630

Pro Farm Inc.

31832 Delhi Rd. Brighton IL 62012 USA

Tel. 888-638-5140

info@profarm.org

www.profarm.org

