



Do you need another solution?

Ask about our latest Prime, Pellet, Filmcoat and Health
developments for organic and conventional seeds

Contact us

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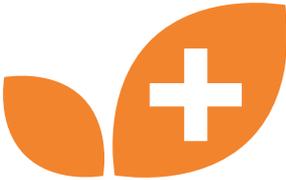


We Maximize Nature's Potential®



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germain's.com



ProBio[®]
gopure[®]
supporting the organic grower

Organic power to
combat bacterial
disease.

For Swiss chard, red beet, coriander,
carrots, and *Brassicas*



Organic power to combat
bacterial disease.

ProBio gopure for Swiss chard, red beet,
coriander, carrots, and *Brassic*as

ProBio gopure is an organic disinfection process that effectively
removes seed-borne pathogens like *Pseudomonas syringae*
pv from Swiss chard, beet, coriander, and kale seeds, and
Xanthomonas spp. from carrot and *Brassica* seeds.



Key Benefits

- Significantly reduces *Pseudomonas spp.* and *Xanthomonas spp.*
- Certified third-party pathology and germination testing for quality assurance
- Certified organic process that disinfects seed without impacting shelf life or germination
- Helps to reduce unknown transfer of pathogenic organisms onto other crops and into the field
- Removal of seed-borne pathogens improves overall crop health, helping to optimize yield



Discovery of ProBio gopure

The idea for **ProBio gopure** started with a single customer inquiry. The customer had 100,000 pounds of Swiss chard seed that was contaminated with a seed-borne bacterial disease. Rather than discard or sell the seed at a reduced cost, the customer decided to contact Germain's Seed Technology for a solution. Germain's Sales and R&D Teams collaborated with the customer and worked in partnership to formulate an effective certified organic disinfection process known today as **ProBio gopure**.

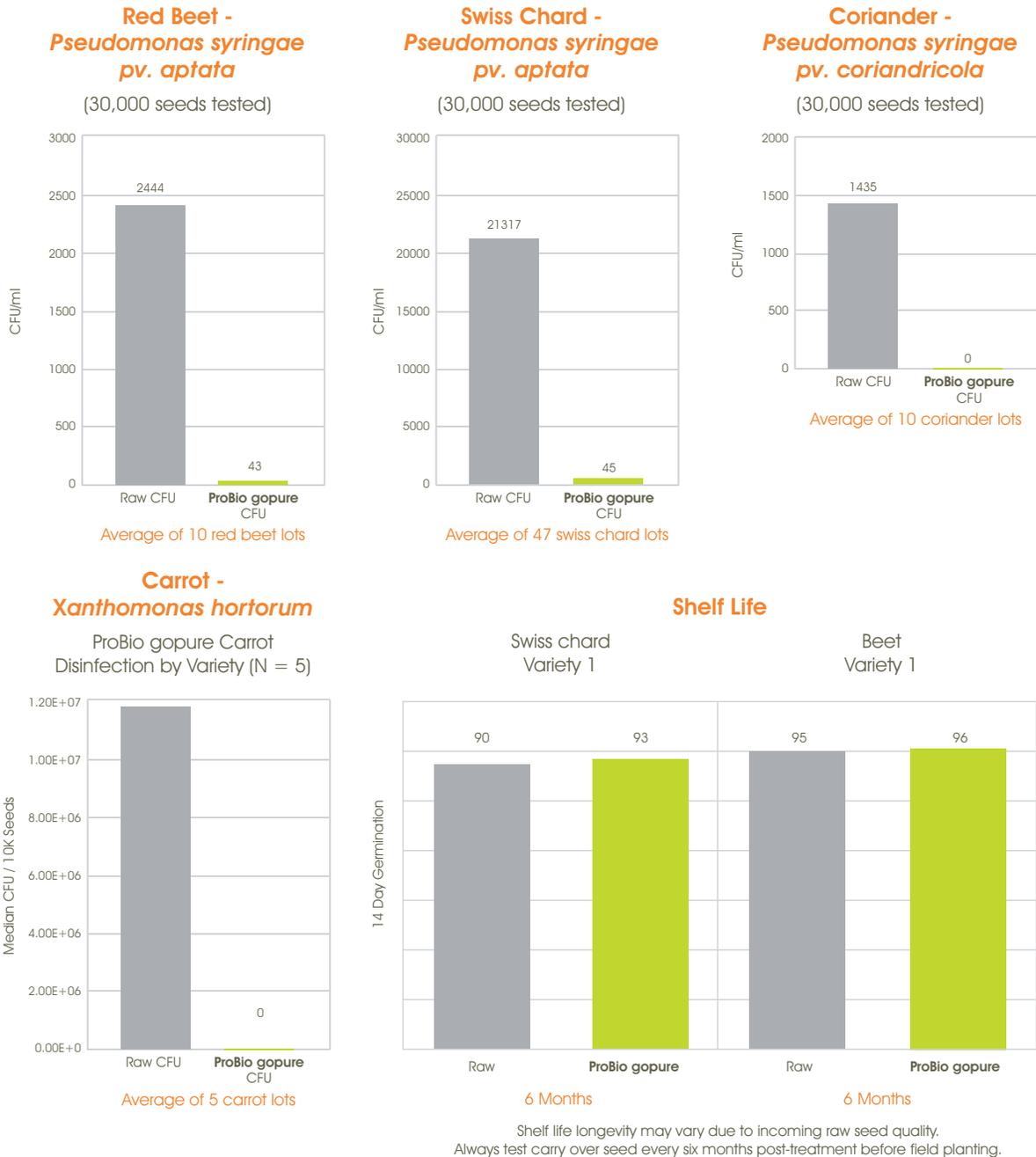
Success Leads to Crop Diversification

Since 2015 Germain's has successfully disinfected millions of pounds of contaminated seed with **ProBio gopure**. Due to the growing demand for disease-free seed, Germain's continues to modify the disinfection process to remove a broader range of seed-borne pathogens such as *Xanthomonas campestris pv. carotae* from carrot seed. Far superior to a standard hot water treatment, **ProBio gopure** is a cost-effective certified organic process that uses proprietary methods to effectively disinfect seeds without impacting shelf life and/or germination.

Results

We deliver valuable and sustainable results for long-term success. We earn our customer's trust by validating our performance claims while doing what we know to be ethically right – not just what is allowed.

Third-Party Lab Results Show Significant Reduction in Seed-Borne Pathogens



Product Summary

Seed disinfection is the first line of defense for preventing seed-borne diseases from entering a field. Bacterial outbreaks reduce fields stands and impact overall crop health, resulting in yield loss and possibly affecting harvest quality. **ProBio gopure** is a cost-effective alternative to traditional hot water methods for seed disinfection with less risk for impacting germination and or shelf life.