



- Founded in Los Angeles, California in 1871 Germains Seed Technology is now owned by Associated British Foods (ABF plc). ABF is a diversified international food, ingredients & retail group with sales of \$18.07 bn and 102,000 employees in 46 countries.
- Three North America locations: Gilroy, California and Fargo, North Dakota.
- Germains facility in Gilroy, California focus is conventional and organic treatments for vegetable seeds distributed throughout the United States, Canada, and Mexico. Our facility in Fargo, North Dakota primary focus is sugarbeet and field crops.
- Seeds processed by Germains Seed Technology are shipped to other regions such as Central America, South America, Asia, Japan, New Zealand, and Australia.
- In addition to vegetable seed processing, the Gilroy facility is home to two R&D facilities.
- Germains Seed Technology North America provides services to over 265 seed dealer and producers.

# How we work

Germains aims to lead the seed industry with a range of innovative seed enhancement technologies.

**Innovation** We continuously improve our products and services, processes and platforms by developing proprietary solutions and embracing new ways to solve challenges and improving our value to our customers.

**Partnerships** We are committed to building long-lasting, mutually beneficial customer relationships. We demonstrate the highest level of sincerity and transparency with our customers and partners.

**Collaboration** We communicate openly with each other while always respecting and understanding opposing viewpoints in an effort to challenge ourselves and to ultimately pursue enlightened knowledge and improved performance.

**Accountability** We live by the rules and hold ourselves accountable to deliver on our promises. We achieve operational excellence by striving to get it right the first time with no excuses.

**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 what is allowed.



# **Our Seed Technologies**

All seed treatments are scientifically formulated for the species they are applied.



Priming uses a range of processes to improve plant emergence.

#### Benefits include:

- Faster speed of emergence
- Improve crop uniformity—optimize harvest efficiency
- Increase vigour—fast and strong plant development
- Increase yield potential
- Breaks photo and thermos dormancy in a variety of species



Pelleting is the process of applying coating around the seed.

### Benefits include:

- Increase size of smaller seeds for precision planting
- Smoother rounder seeds designed to flow through various planters
- Regulate water uptake allowing oxygen to reach the seed
- Protects seed from phytotoxicity when used in conjunction with pesticides



Filmcoating is the process of applying agrochemical treatments or coloring, either directly to the seed or pellet.

#### Benefits include:

- Acts as a carrier of fungicides, insecticides and other additives.
- Reduces chemical spraying in the field, providing environmental, operational and economic advantages
- Protects the seed when planted and seedlings upon emergence
- Color makes it easier to identify in the field
- Reduces dust off



Health is the process of removing pathogens from the seed and or adding beneficial product to create a healthy plant.

### Benefits include:

- Eradicate a range of seed-borne pathogens
- Creates clean, healthy seed
- Increases nutrient update
- Improves vigour and root mass



Our high-quality polymers deliver high-performance solutions that are customized to meet our customers needs.

### **Benefits include:**

- Precise and even distribution of agrochemical treatments
- Allows customers to apply treatments at their own location
- Strong binding agent
- Product identification
- Increase shelf life
- Reduces dust exposure

## Conventional & ProBio® Organic Seed Treatments Available For:

Cilantro Lettuce Radish Beet Corn Spinach Brassicas Onion /Shallot Cucumber Sugarbeet Carrot Parsley **Swiss Chard Cucurbits / Melons** Celery/Celeriac **Parsnip** Escarole/Radicchio Tomato Chicory/Endive Peas **Tomatillo** Leek **Pepper** 

Germains Seed Technology is continually diversifying our portfolio of seed treatments for both the species listed above and others that are not yet advertised or soon to be released.

# **Custom Solutions**

Germains R&D and Commercial Sales Team collaborates with our customers to develop innovative value-added seed treatments that are solutions to real problems encountered by growers, seed dealers, and breeders. If you experiencing seed related challenges and or have questions about our products and services please speak with one of our representatives.

