

Field Crop Seed Coatings




germains[®]
seed technology

We Maximise Nature's Potential[®]



polyselect®



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We Maximise Nature's Potential

Germain's Seed Technology is one of the world's leading independent seed enhancement technology companies and has been serving the industry for over 145 years. Since the 1990s, Germain's Seed Technology has been owned by Associated British Foods (ABF).

Germain's specialises in priming, pelleting, filmcoating and seed health technologies. These technologies help enhance and

optimise the natural potential of the seed. We at Germain's are recognised as one of the industry leaders in seed enhancement technologies.

This booklet is designed to provide information on Germain's seed coating technologies specifically tailored for cereals, oilseed rape and sunflowers. Germain's range of treatments can enhance seeds that fall short of specific requirements while maximising their potential.

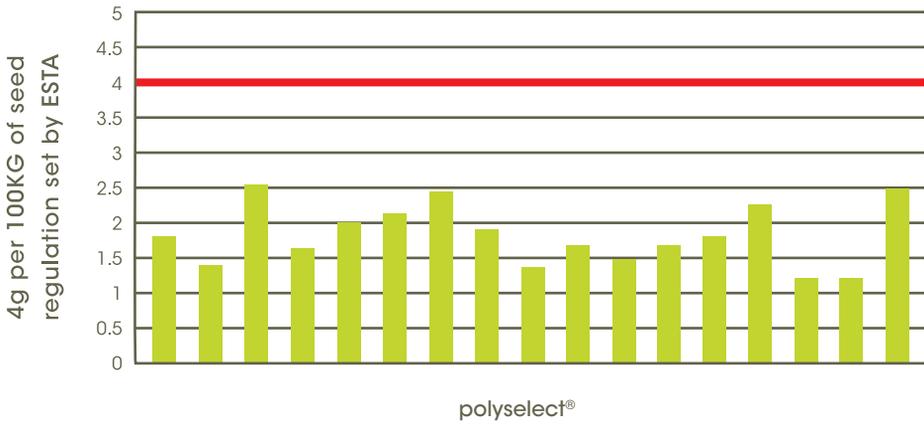


ESTA Accreditation

In 2013, Germains' site in the United Kingdom was the first to be awarded the ESTA accreditation in the country. Germains use this certification to ensure all seed coating polymers and encrustment products coincide with the regulation standard.

European Seed Treatment Assurance (ESTA) scheme was devised by the European Seed Association as a standard for quality assurance for seed treatment and treated seed. This standard was set in response to the EU Directive (2010/21/EU), which requires insecticidal seed treatments to 'only be performed in professional seed treatment facilities.'

Heubach Dust Meter Value - Cereals



Cereals

Germain's' new seed coating polymer has been specifically designed for field crops, such as wheat and barley. The application of this polymer benefits the crop by reducing dust exposure to coincide with ESTA regulations and ensuring agrochemical treatments are secured on the seed.

This recipe is design for existing treaters meaning there is no need to finance precise equipment.

Key Benefits:

- ✔ Reduction in dust exposure to coincide with ESTA regulation
- ✔ Precise and even distribution of agrochemical treatments
- ✔ Improves flowability of seed
- ✔ Fast drying

Our range of polymers is designed to offer rapid and easy clean down between uses, therefore minimising impact on logistics of production.

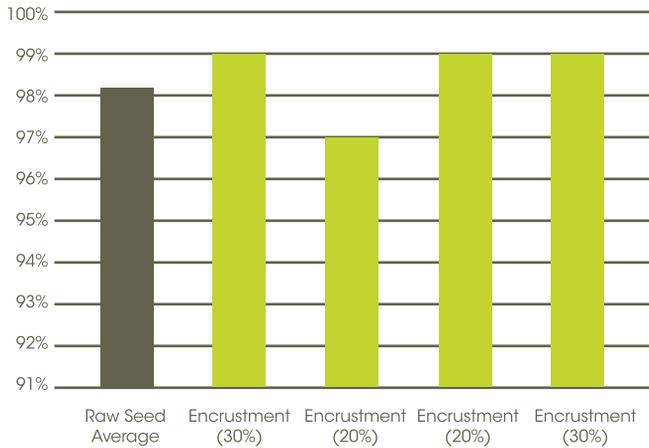
Your Germain's representative will be able to guide you on dilution rates prior to use.







Germination rates of field crop treated with seed pesticide and encrusted with Germain's product



Encrustment

Encrustment is a process involving the build-up of powder and polymer, allowing the seed size and weight to be increased.

This is designed to increase undersized or small size grades of seed into a higher grade saleable product, all without drying. This allows all seed to meet the correct weight required by the market. This flexible recipe can easily be adjusted to suit any required weight increase up to 30%. This minimises dust and provides a smooth coating surface for excellent plantability.

For example good quality sunflower that's out of specification can be upgraded and sold at a fair price, reducing the amount of seed that's cast-off.

Key Benefits of Encrustment:

-  Increases the saleability of light weight seed
-  No drying required
-  No effect of germination
-  Uniformed seed size and shape
-  Reduction in dust exposure to comply with ESTA regulations
-  Simple clean away after use

This product is currently available in blue for oilseed rape and sunflower seeds.



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