

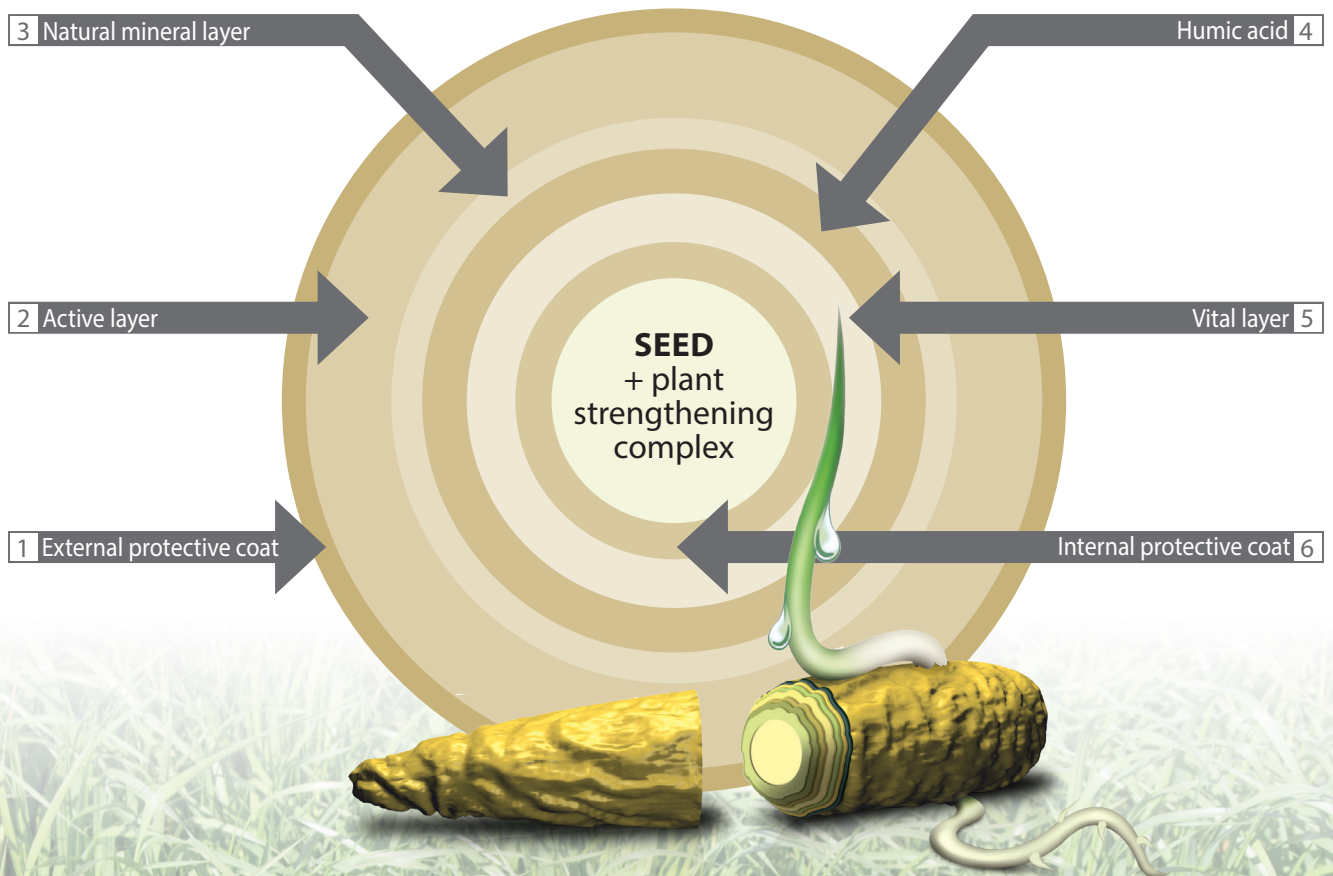
PRODUCT DATA SHEET



Coated Seed Classic

A smart, highly effective coating

The Coated Seed Classic objective is to increase the rate of pre-emergence, even under difficult growing conditions, and to enable sowing without intense soil cultivation. The seeds are coated with essential, plant-strengthening substances. There is also the option of varying the thickness of the coat in order to be able to meet the culture-specific requirements, to adjust the thousand grain weight (TGW) of seed mixtures or to be able to generate an even spreading during sowing.



Coated Seed Classic



The advantages of Coated Seed therefore apply not only to single seeds, but also to seed mixtures, regardless of whether they are sown manually or by machine. In extreme locations (embankments or slopes), that are difficult or impossible to work on, preparatory soil cultivation measures can be dispensed with and sowing can be carried out thanks to the increased thousand grain weight. Coated Seed Classic is approved for organic farming due to the use of natural materials!

Naked seed vs. Coated Seed

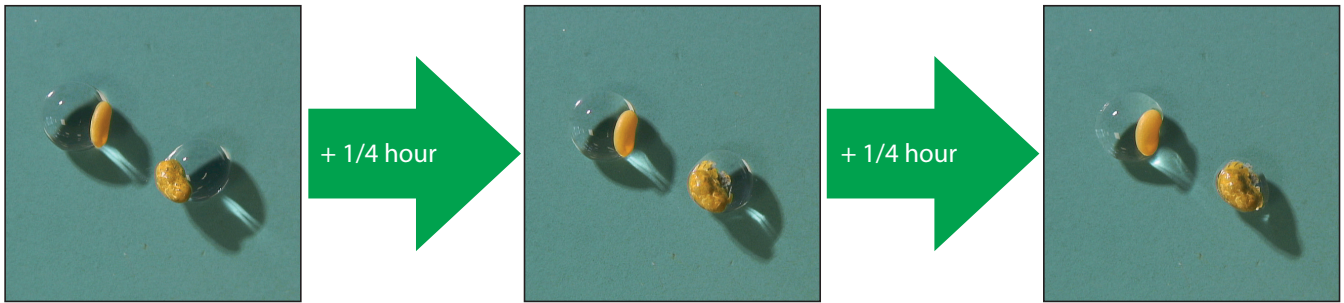


Figure 1: Evaporation vs. water absorption

Benefits of Coated Seed

- Better pre-emergence rates due to better soil contact
- The coat can quickly absorb available water and release it to the seedling if necessary
- Improved establishment in difficult locations
- Best juvenile development through optimal nutrient supply to the seedling
- Easy sowing and even seed distribution thanks to improved flowability
- Reduced damage by birds and rodents
- Precise placement thanks to uniform seeds
- The plant strengthening complex promotes the health and increases the resistance of young plants
- Coated Seed remains securely in place - protected from drift
- Simplified visual control through better visibility
- It is possible to customise the colours of the coat
- Easier reseeded, as Coated Seed can slide down to the ground thanks to their smooth surface



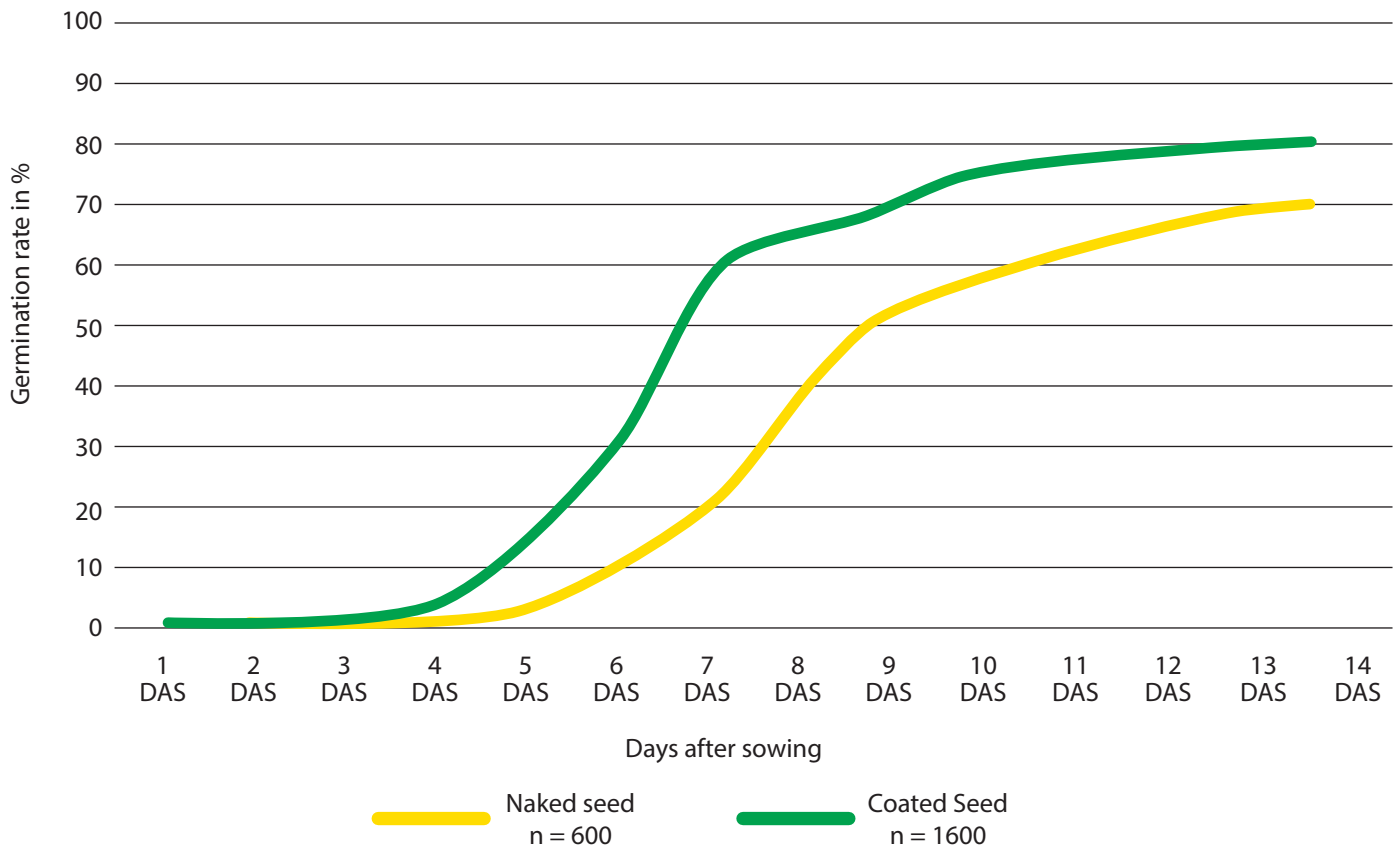
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Application

The product is ready for immediate use and can be treated like naked seeds. Please note that the higher thousand grain weight reduces the amount of seeds applied. However, a large part can be compensated by the better field emergence of Coated Seed. Therefore, only a slight increase in the sowing rate of 10-15 % is recommended.

Germinability of *Poa pratensis* until 14 days after sowing (DAS)



The graph above shows the germination process of *Poa pratensis*. The data are from three time-shifted experiments, which have been summarised here in a simplified manner. It can be seen clearly that Coated Seed (green) enables a faster germination process. Just 8 days after sowing Coated Seed reaches 70 %, while the naked seed (yellow) can only reach this limit about 5 days later. Due to the faster field emergence, the young plants have a clear advantage and can reliably establish themselves.

Keep away from children and animals
Store in a cool, dry place

Any questions? Please feel free to contact us!

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