

INCOTEC TECHNOLOGIES CHINA

SEED COATING & PRIMING



THE SMART WAY TO INCREASE YOUR PLANTING EFFICIENCY

Incotec's pelleting, encrusting and film coating products are the smart choice for effective sowing. Delivering seeds of uniform size, sufficient weight and a smooth surface, our products increase the efficiency of automated sowing processes. With all components integrated into a coating, efficient use of plant protection products is maximized while each seed and seedling gets the protection it needs. Choose either encrusting or pelleting to suit the type of seed and sowing equipment you use.

FOR AN OPTIMAL GERMINATION RESULT

Incotec's primings support faster and more uniform germination. Tailored to the specific needs of each crop, our priming products trigger germination, bring all seeds into the same developmental phase and then halt the process at precisely the right moment. Seeds are all left ready for sowing and prepped to germinate.



incotec

the seed enhancement company

Part of Croda International Plc



INCOTEC TECHNOLOGIES CHINA

FILM COATING, ENCRUSTING & PELLETING

- **Increases sowing efficiency and precision**
- **Optimal seed protection**
- **Tailored to each seed species**
- **Direct seed application of plant protection products**
- **Compatible with other state-of-the art Incotec technologies**
- **Underlines seed quality**
- **Enables accurate monitoring of sowing result**

Incotec's coatings are designed to keep all the components within the coating and are the ideal carriers for plant protection products, nutrients and biologicals. Quality coatings underline the value of the seed and a colour or visual effect can be added to enhance the seed's appearance.

FILM COATING

Film coat gives a thin layer of material around the surface of seed. Incotec's film coat material comprise materials that are carefully selected for their suitability as a carrier of active ingredients, such as plant protection products. We have many different film coat formulations, each one tailored to meet the unique and specific needs of the crop it is designed for.



ENCRUSTING

By applying a powder, an adhesive and a film coat, we create a very thin coating layer around the seed, while the shape of the seed is still visible. The thickness can be adapted to suit your requirements. The encrusting process is shorter and more automated than pelleting.

PELLETING

Pelleting increases planting efficiency and can prevent direct contact of the seed with the active ingredients, acting as a barrier against potential phytotoxicity. We have different types of pellets for many crops. Some are designed to split open on contact with moisture, others to disintegrate. All our pellets allow the seed direct access to moisture, oxygen and light. Whatever the crop, sowing equipment, cultivation systems or growing conditions, we have a pellet to suit your needs.

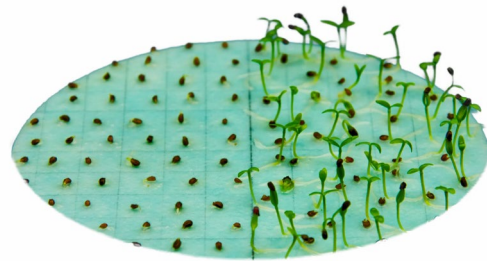


INCOTEC TECHNOLOGIES CHINA PRIMING

Incotec's priming improves germination results

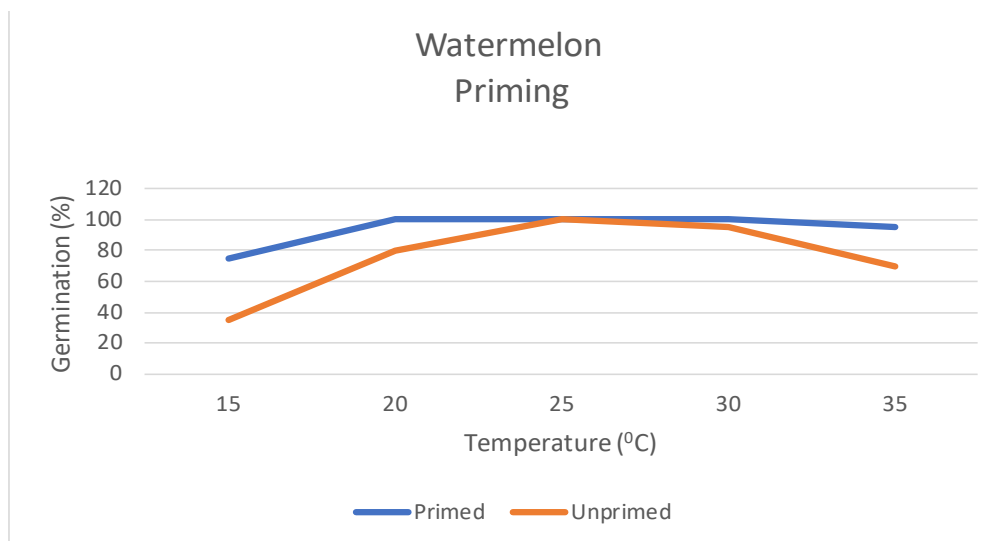
- **Faster and more uniform germination**
- **Better field establishment**
- **Higher number of uniformly growing plants**
- **Increased temperature range in which seed will germinate**
- **Dormancy breaking**
- **Better germination when conditions are unfavourable**
- **Improved vigour**

Our priming solutions are tailored to the varied requirements depending on the specific needs of your business, your crop and your region. There are Incotec priming solutions to overcome many germination problems.



Here are some examples:

- **The slow germination of hot and sweet pepper seeds.**
- **Germination problems of cucurbits like watermelon in cooler conditions.**
- **Thermodormancy preventing lettuce seeds from germinating in the high temperatures of a tropical climate.**
- **Germination inconsistency at the cost of efficiency in the tomato seeds nurseries.**



The results show clearly that compared to unprimed seeds, primed watermelon seeds demonstrate a significantly higher germination percentage at lower temperatures and a far more constant high germination rate.

PRODUCT OVERVIEW CHINA

VEGETABLES

Crop	Product	Upgrading	Priming	Seed Hygiene	Film Coating	Encrusting	Pelleting	Application of Plant Protection Products
BUNCHING ONION	SplitKote						x	
BUNCHING ONION	Onx					x		
CARROT	SplitKote						x	
CARROT	OnX					x		
LETTUCE	OnX					x		
LETTUCE	Topkote Light Thermocure		x				x	
PEPPER	Promotor		x					
TOMATO	Promotor		x					
WATERMELON	Promotor		x					

Interested in these products?

Want to make an appointment with a local account manager?

Contact us: enquiries.asia@incotec.com

www.incotec.com

