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WAXES

Waxes have good film forming, protection and/or lubrication properties when applied to surfaces. Thanks to these attributes, they are utilized for a wide variety of applications in the chemical industry. Hence, they are promising raw materials also for the agricultural industry. Clariant is a global player in the production of waxes, offering a widely diversified portfolio waxes. Our portfolio comprises Montan wax based products, polyolefin and polymer based waxes, as well as amide waxes and their micronized grades; Licowax®, Licolub®, Licocene®, and Ceridust®. In addition, we have developed a new series of waxes based on renewable raw materials, Licocare RBW. A few applications are shown below, where waxes can bring an advantage:

Adjuvants: Rain fastness and wettability of surfaces, reduction of volatility, appearance and tuning of the release properties

Seed coatings: Adhesion and distribution of formulation ingredients on the seed surface, dust mitigation, flowability and appearance

Fertilizer coatings: Anti-caking, flowability, anti-dusting, tuning of the release properties, water-resistance and wash-off resistance by liquid fertilizers

RENEWABLE MATERIAL-BASED WAXES

As Clariant, we continuously aim to develop innovative solutions for the latest market demands and customer requirements. Very recently, we have developed a new series of renewable material-based waxes, rice bran waxes (Licocare RBW). These renewable waxes are modified/tuned in order to meet specific requirements for the different markets.

Thanks to their distinctive properties, these waxes are very promising candidates for the agricultural industry.

農業分野におけるワックスの活用

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