

QUALITY SHINES.



QUALITY WORKS.

LANXESS
Energizing Chemistry

Agriculture solutions for fertilizers

Fertilizer coloration with LANXESS pigment dispersions

Fertilizers improve the supply of soil nutrients and are essential for optimal and healthy plant growth. Coloration of fertilizers enables visual identification of the fertilizer type and producer brand and reduces the probability of application errors.

The LANXESS business unit Polymer Additives provides a wide variety of organic and inorganic aqueous pigment dispersions suitable for the coloration of fertilizers:

- **Levanyl®** and **Levanyl® X** (based on organic pigments)
- **Levanox®** (based on inorganic pigments)

Product properties and benefits

Specified product properties

For each pigment dispersion, properties such as color strength (+/-5%), color shade ($dE < 1$), pH value, and viscosity are specified.

Facilitation of production process

Use of pigment dispersions with low viscosity allows easy, exact, and dust-free dosing in the production process.

Strong resistance

Our pigment dispersions show strong light and weather fastness and a high resistance to alkalis and acids.

No further additives

We offer water-based pigment dispersions without binders and resins in order to achieve a higher compatibility with customer systems.

Made in Germany

All pigment dispersions are developed and produced in Germany.

X Levanox® **X Levanyl®**

**Full pigment dispersion portfolio
for fertilizer coloration**

LANXESS provides a wide pigment dispersion portfolio which has proven suitability for fertilizer applications in many customer cases. Our portfolio of pigment dispersions includes the complete color palette based on organic pigments as well as inorganic pigments. This portfolio is completed by water-soluble dyes to design your fertilizer based on customer requirements.

For a detailed account of the products suitable for this application including technical product information and color shades, please refer to our **online product selector** under ch.lanxess.com/colorant-additives-en/colorants-product-selector

Successfully used by many customers

Out of our wide color range, many products are successfully used by a variety of customers for the coloration of fertilizer. For an overview of our customer cases, please contact us.

Ecological properties and regulations

- The selection of a suitable colorant especially for a defined application depends on a wide range of criteria. LANXESS products meet up-to-date ecological requirements and are a reliable basis for ecological formulations. Regulatory information for our product portfolio is available upon request.
- REACH: All products comply with REACH (EC) No.1907/2006.

Get in touch with our experts to discuss a tailored solution for fertilizer coloration according to your individual needs (color matching, technical, and HSEQ support).

Diverse fertilizer applications



NPK granules



Fertilizer sticks



Liquid fertilizer

LANXESS
Energizing Chemistry

LANXESS Deutschland GmbH
Business Unit Polymer Additives
Kennedyplatz 1
50569 Cologne
Germany
colorant.applications@lanxess.com
www.lanxess.com



This information and our technical advice – whether verbal, in writing or by way of trials – is subject to change without notice and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided – especially that contained in our safety data and technical information sheets – and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

©2021 LANXESS. Levanox[®], Levanyl[®], LANXESS and the LANXESS Logo are trademarks of LANXESS Deutschland GmbH or its affiliates. All trademarks are registered in many countries worldwide.