QUALITY SHINES.

QUALITY WORKS.

LANXESS
Energizing Chemistry

Agriculture solutions for pesticides

Pesticides coloration with LANXESS pigment dispersions and dyes

Pesticides used in agriculture for plant protection are generally colored in order to enable visual marking. To avoid incorrect usage and to identify where application has occurred, the coloration of pesticides is sometimes mandatory by law.

The LANXESS business unit Polymer Additives offers a wide variety of products suitable for the coloration of pesticides:

- Levanyl® and Levanyl® X (based on organic pigments)
- Levanox® (based on inorganic pigments)
- Specialty colorants (water- and solvent-based dyes)

Product properties and benefits

Specified product properties

For each product, 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.

Temporary coloration

Use of water-based dyes with low light stability for temporary marking of treated plants or areas with pesticides. Longer visibility can be achieved by using pigment dispersions.

High water solubility

High solubility of powder dyes in water (liquid solutions are available upon request).

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®**

Levanox® Levanyl®

Full portfolio for coloration of pesticides

LANXESS offers a complete pigment dispersion portfolio suitable for agrochemical applications, which has proven its successful use in many customer formulations. With a wide range of pigment dispersions based on organic and inorganic pigments, LANXESS offers many colors besides the common pesticide colors blue and green. This portfolio is completed by water-soluble dyes to enable temporary marking of treated plants.

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 rch.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 pesticides. 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 pesticide coloration according to your individual needs (color matching, technical, and HSEQ support).

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