

The future of microplastic-free seed coatings

The Sepiret® by BASF portfolio is evolving to include a new generation of microplastic-free seed coating solutions, aligned with industry-leading sustainability standards. Combining stewardship best practices with trusted performance, Sepiret provides a range of benefits from seed treatment to sowing.

What sets Sepiret apart?

Sepiret is formulated with the future in mind, offering solutions that provide all the expected performance of a seed coating while adhering to changing regulatory standards. The Sepiret portfolio currently includes a range of microplastic-free options and will continue to expand, allowing seed companies and industrial seed processors the flexibility to deploy the trusted and reliable performance of Sepiret wherever microplastic-free solutions are needed.

Key Benefits of Sepiret:



Microplastic-Free

Portfolio includes options that meet microplastic-free requirements, as defined by EU Commission regulation.



Visual Appearance and Coverage

Achieves uniform coverage and distribution of seed-applied products, improving the seed's aesthetic and functional quality.



Active Ingredient Retention

Enhances adhesion and controls dust release, safeguarding the integrity of active and inactive ingredients through various seed handling processes.



Improved Flowability


Offers ease of handling and plantability, reducing residue buildup in equipment and ensuring accurate seed placement.



Support and Accessibility

Backed by global BASF technical support, offering tailored advice and troubleshooting assistance.

Spotlight on Sepiret Red 01



Our newest innovation, Sepiret Red 01 is a flexible, microplastic-free solution tailored for all major corn seed treatments across Europe. The introduction of Sepiret Red 01 is one of the many ways BASF helps growers adapt to a shifting landscape, while maintaining our legacy of trust and industry-leading performance. With its excellent coverage and brilliance, superior dust control and enhanced abrasion resistance, Sepiret Red 01 sets the standard for microplastic-free seed coating solutions. Its plantability and flowability during seed processing make it a practical choice for farmers who need to comply with the EU restrictions on synthetic polymer microparticles. By utilizing sustainably sourced raw materials, Sepiret Red 01 reinforces our commitment to environmental stewardship.

FAQs

What are microplastics?

Microplastics are small plastic fragments. While each region defines what constitutes a microplastic in their region, the European Chemicals Agency (EChA) defines it as plastic fragments less than 5 mm (0.2 inches) in diameter that once in the environment, do not degrade.

What should customers know about regulations in their countries?

Microplastic regulations are evolving worldwide. The EU has taken significant steps with the EU-27 law, and other countries may follow suit. It's important to stay informed about local regulations and prepare for changes. Choosing microplastic-free products like Sepiret® Red 01 helps customers prepare for a future where such regulations become standard.

What is BASF's position on microplastics regulation?

BASF is committed to helping growers stay ahead of a changing regulatory landscape and societal demands. While agricultural activities including seed coatings account for only a small portion of the release of microplastics, BASF advocates for proactive development and adoption of microplastic-free alternatives to enhance sustainability while feeding the growing population.

What seed coating solutions by BASF are microplastic-free?

Sepiret, a long-standing valued brand for seed companies and industrial seed processors, offers several microplastic-free solutions today and will become the primary microplastic-free seed coating brand by BASF moving forward.

Current microplastic-free offerings within the Sepiret portfolio include:

- **Sepiret Red 01:** All-in-one red corn coating
- **Sepiret Flo:** Fluency powder for corn and sunflower
- **Sepiret PF16:** Powder for flow aid and visual/shine effect on oilseed rape and soybeans
- **Sepiret P02:** Dry gloss powder for seed appearance enhancement
- **Sepiret F290 Colorless:** Seed coating for dust and odor management
- **Sepiret 375 White:** Liquid additive for sunflower plantability

Can Sepiret be used on various seed types?

Sepiret is designed for a wide range of crops, enabling sustainable performance regardless of the seed type.

Our Commitment

Embracing microplastic-free solutions isn't just about meeting regulations, it's a step toward a more sustainable future. Aligned with our corporate commitment to sustainability, BASF will continue to promote and develop sustainable solutions across all categories. To find out more about our sustainable seed coating portfolio, visit our [website](#).

