

Bordeaux Mixture

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Bordeaux Mixture Latest News

Planters in the Chikkamagaluru and Hassan districts of Karnataka are gearing up to apply Bordeaux mixture for the third or fourth time this year, following earlier crop damage caused by unseasonal rainfall.

About Bordeaux Mixture

- Bordeaux mixture is a **bactericide and fungicide** made by **mixing copper sulfate and lime (calcium hydroxide) with water**.
- **Discovered** in the late **19th century in France's Bordeaux region**, from which it takes its name, Bordeaux mixture has stood the test of time and **continues to be a reliable** solution for disease management, **particularly in organic farming systems**.
- This mixture is especially **effective in controlling fungal and bacterial diseases** in various **crops such as fruits, vegetables, and plantation crops**.
- It has a **low aqueous solubility** and is **not volatile**.
- It **persists in rainy weather** and can provide **long-lasting protection** against a variety of diseases.

- Bordeaux mixture is **usually applied after harvest, before rainy weather starts.**
- Additionally, because it **contains copper**, it has a **multi-site mode of action** and may be a particularly useful spray in a pesticide resistance management program.
- However, **applying Bordeaux mixture to newly growing leaves**, however, **can cause injury to the new growth.**

Source: **TOI**

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