

IS 8446: 1991

Pesticide - Carbendazim (MBC) WP - Specification (*First Revision*)

Carbendazim is a systemic fungicide that protects plants by inhibiting fungal growth, safeguarding crops like wheat, rice, and fruits from diseases such as blight, mildew, and rot. IS 8446: 1991 'Pesticide - Carbendazim (MBC) WP - Specification (First Revision)' is an Indian Standard that specifies the requirements and test methods for Carbendazim (MBC) Wettable Powder (WP). This standard was initially published in the year 1977 to ensure that Carbendazim-based products meet the necessary quality, safety, and efficacy requirements for agricultural use in India.

Under IS 8446: 1991, the Wettable Powder formulation must contain a specified concentration of active Carbendazim to ensure effective pest control. The standard also defines acceptable limits for acidity and specifies the fineness and suspension stability, which are critical for effective and uniform application. Further, the standard provides the detailed test methods (aligned with latest technological advancements) for analysing critical parameters of Carbendazim. Additionally, it provides methods for sampling and packaging to maintain product consistency and quality throughout distribution.

The standard supports agricultural productivity by helping manufacturers and regulatory agencies ensure the safety and reliability of Carbendazim products for pest management in farming.