



IS 16919 : 2018 MANCOZEB + CARBENDAZIM, WETTABLE POWDER (WP) — SPECIFICATION

This insecticide contains lambda-cyhalothrin, a broad-spectrum active ingredient known for its excellent repellent action and long-lasting residual control. It is ideal for use in controlling pests such as mosquitoes, houseflies, and cockroaches, ensuring a safer and more comfortable environment.

The Mancozeb + Carbendazim WP should be a free-flowing, homogeneous powder, off-white to pale yellow, and free from extraneous matter. It must readily form a suspension when mixed with water. The active ingredient content of Mancozeb and Carbendazim should match the specified percentage on the label. At least 90% of the powder must pass through a 75-micron sieve. The product must have at least 50% suspensibility and wet within 120 seconds. Acidity and alkalinity should each be $\leq 1\%$ by mass. The formulation must be stable under typical storage conditions, maintaining efficacy over time.

This standard ensures that the Mancozeb + Carbendazim WP formulation is effective, safe to handle, and suitable for agricultural use, offering reliable protection against fungal diseases.