



Bordeaux Mixture

Guaranteed Content (w/w):

Neutralized copper sulfate: **20%**

 **Physical Appearance:**
SC

Suitable for:

 **Fruits**
 **Greenhouse cucumber**
 **Peach**



Registration No:
13555/730 - 271

Producer: Bazargankala Co.

+98-21-42554

WWW.BAZARGANKALA.COM

 @BAZARGANKALA.CO

Protective fungicide and bactericide | Contact-inorganic compounds

Introduction:

“**Nutritech Bordeaux Mixture**” 20% suspension is one of the most important inorganic fungicides with contact- protective effect. This compound is registered on various plant diseases and provides long-term protection for plants. Bordeaux mixture has several mode of actions, by creating new chemical bonds in target organism, namely it breaks down proteins, disrupts the enzymes’ function, disrupts vital cell processes such as respiration, and reduces the activity of cell membranes, so eventually, it leads to the pathogen death. The combination of mentioned features lowers the resistance probability of pathogens to this mixture.

Technical Information:

Content	
Bordeaux Mixture	Neutralized copper sulfate
	20 % (w/w)

“**Bordeaux mixture**” accumulates in sensitive funguses easily by gradually releasing copper ions (Cu^{2+}). This cation is complexed with enzymes which have sulfhydryl, hydroxyl, amino or carboxyl groups and inactivates them. Finally, it disrupts pathogen metabolism.

Application Guide: Foliar Application

Crops	Time of Application	Rate	Description
Fruits	<i>Wilsonomyces carpophilus</i>	9/1000	-
Temperate zone fruits	<i>Cytospora</i> spp.	2 %	Foliar application can be accompanied by topical treatment of 8% solution
Greenhouses Cucumber	<i>Pseudoperonospora cubensis</i>	5/1000	-
Peach	<i>Taphrina deformans</i>	5-8/1000	Two times: First application: leaf drop in fall Second application: buds swelling in spring



Bordeaux mixture

Features & Advantages:

- Composition uniformity of the solution.
- Increasing in stickiness and efficiency
- Durability of the solution
- Several mode of action which lead to delayed resistance.
- Long lasting

Cautions & Disclaimers:

- It can be mixed with emulsifying oil for winter spraying, but do not mix with other pesticides and compounds
- The sprayer tank should be equipped with a suitable stirring system to prevent suspension silting.
- This fungicide should be prepared at the time of consumption; if the seal is opened, the storage time of the compound is reduced and it should be consumed in a short time.
- Safe for bees but harmful to fish and other aquatic organisms.
- Harmful to livestock; keep livestock and poultry away before spraying and prevent grazing in freshly sprayed areas.
- Avoid eating Bordeaux, keep it away from animal feed, human food, skin, eye and clothing contact; do not inhale of soluble particles
- Avoid smoking, eating and drinking when spraying
- Avoid reusing containers containing Bordeaux. Empty containers and packages should be stored away from water sources and empty containers and packages should be disposed of in accordance with relevant regulations
- The liability of the producer is limited to the guaranteed content and physical characteristics as claimed; the producer shall not be liable for anything out of its control.
- The product shall be kept in 5-30 degrees centigrade and also NOT under the direct sunlight and away from flammable materials.
- Foliar application shall be applied in the coolest time of the day during the day time (early morning or near sunset).
- The product should be applied as foliar mixture, so undiluted use of it is prohibited.
- Use acceptable quality of water for foliar application.
- Shake well before application and during application use gloves and goggles.