

CitroBio: CB20

(To make CB20 from CB100, dilute 5 to 1)

CitroBio is the most complete organic antibacterial in its class, having a broad spectrum of action and a consistent residual action. CitroBio is a natural citrus extract treatment composed of FDA Generally Recognized as Safe (GRAS) listed ingredients. It is a diluted aqueous solution of the filtrate of a homogeneous mixture derived from whole oranges, glycerin, citric acid and alpha-tocopherol. During the manufacturing of CitroBio, only low heat is applied to the mechanically compressed oranges, which is then followed by addition of the other three ingredients.

CitroBio is effective against a wide range of plant and human pathogens, bacteria, bacterial spores, viruses, fungi, and algae fungus. It is used for food safety and extended product shelf life.

Use CitroBio in ALL PHASES of food processing

- Seed Disinfection (Not to be used in place of chlorine in the US.)
- Misting to reduce bacteria during production of bean sprouts and green sprouts, thus reducing the chance of rot and increasing sprout yield and shelf life.
- Post Harvest wash water, creating a better quality, safer and longer lasting product.
- Surface Disinfection of growing and harvesting equipment, conveyors, tools and buckets, tables, floors and walls, transport vehicles, coolers, air conditioning, air circulation equipment, break rooms, lavatories and so on.
- Hand and Glove Disinfection
- Boot Dip

Concentrated CitroBio

CitroBio is sold concentrated in the following strength for commercial use:
CB20 - Mix 1/4 oz. of CitroBio to each gallon of water. Each gallon of CB20 solution will make 512 gallons of antibacterial treatment.

Mode of Usage

By diluting CitroBio 512:1 you have made it a normal antibacterial treatment. Just as you never use chlorine straight out of the bottle, CitroBio is not used straight in its normal antibacterial treatment form. CitroBio antibacterial treatment should be further diluted in water and applied by vaporization, misting, dipping, washing or mixing. In other words, a dilution of 1:500 described below is after it has already been diluted 1:512. It is diluted 1:256,000 from its original concentration as it came from the bottle. A single pint container of alfalfa sprouts wholesales for about the same as 5 gallons of dilute treatment!

The following dilutions from the normal antibacterial treatment form (previously diluted) are recommended:

CB 20 Dilution: 1:500

- Transport Vehicle of sprouts, etc.
- Seed Soak
- Eating place, drinking place, storage silos, places of manufacturing
- Hand and Glove Disinfection
- Boot Dip
- Surface Disinfection of growing rooms, growing and harvesting equipment, conveyors, tools and buckets, tables, floors and walls, transport vehicles, coolers, air conditioning, air circulation equipment, break rooms, lavatories and so on.

CB 100 Dilution: 1:2000

- Misting sprouts in during growth
- Treatment of post harvest sprouts.

Rotation

Due to the resistance acquired by bacteria related to the action of disinfectant, rotation is recommended.

In many cases, the use of CitroBio eliminates this rotation, making a check application with double concentration after ten weeks of normal application.

In case of necessary rotation, the user can do it using for a week another commercial disinfectant to each ten weeks of use of CitroBio.

It is made based of citric extract, so, it is natural, biodegradable, non-toxic and recommended for general disinfection.