NG Biyoteknoloji
Microbial Algae Remover
Microbial Algae Remover Trials

Mersin Irrigation Union, 2017

Irrigation canal treated with copper sulfate through the season

Irrigation canal treated with NGB’s Microbial Algae Remover
Irrigation canal treated with copper sulfate through the season

Irrigation canal treated with NGB’s Microbial Algae Remover
Mustafabeyli Irrigation Union, 2017
Microbial Algae Remover Trials

Mustafabeyli Irrigation Union, 2017

Irrigation canal treated with copper sulfate through the season

Irrigation canal treated with NGB’s Microbial Algae Remover
Microbial Algae Remover Trials

Mustafabeyli Irrigation Union, 2017

Irrigation canal treated with copper sulfate through the season

Irrigation canal treated with NGB’s Microbial Algae Remover
Product Benefits

- Copper sulfate treatment is the most common method for removing algae in irrigation canals.

- Although copper sulfate eliminates the algae problem in a short time, the degraded algae mass leads to water and energy losses due to the clogging in the canals, lids, tunnels and dripping systems.

- Clogs in the dripping systems and in the intermediate channels bring extra cost to the farmers by causing product losses due to flooding and cause disputes between farmers.

- Additionally, as copper sulfate provides temporary solution to algae problem, the treatment has to be repeated several times during the season thus, increases the labor costs of the unions.
Product benefits

- NGB’s Microbial Algae Remover;
  - Prevents the algae growth.
  - Therefore, reduces the cost of canal cleaning costs (excavator, labor, fuel, etc.) and time at the end of the season.
  - The algae problem is eliminated by two applications in total, once after the pre-season cleaning and once in middle of the season.
  - Moreover, the product cost per meter is less than copper sulfate.
Application Method

- **Pulverization:**
  
  - We recommend spraying the product to the canal walls after the pre-season cleaning.
  
  - This application method will ensure the best results with minimum amount of product, as well as it guarantees the first half of the season runs smoothly.
  
  - All surfaces of the drained canals should be rinsed with 1 to 200 diluted product. It is also recommended to wait at least 24 hours after application to let the bacteria to embed in to the cracks of the canal walls.
Application Method

- **Direct Canal Application:**
  - If the irrigation canals can not be drained fully, 10 liters of product should be applied to approximately 5000 m³ of water bodies (approximately 3 km intervals in the canals) and then the canal gates should closed to let the water pooled between the gates. It is recommended to wait at least 24 hours after application.

- **Product content:**
  - The product contains two indigenous bacterium species isolated from the soils suffering from algae problems in our laboratories.
www.ngbiyoteknoloji.com
www.verimlitarla.com

Tel: 0212 486 1560
Fax: 0212 486 1556

info@ngbiyoteknoloji.com

İkitelli OSB. Mutsan San. Sit. M4 Blok
No:23 Başakşehir / İstanbul