



ids aquaduct

Agri-Treat 300

Agri-Treat 300

A Revolutionary water disinfectant for dripper lines and all related irrigation equipment in Agriculture.

Information:

The active ingredient of the product is a stabilized **hyperbromic acid solution**. Its origin is the Dead Sea.

How does Agri-Treat work?

Agritreat kills bacteria within the irrigation lines at any PH level at extremely low concentrates. It also removes inorganic material from the pipelines. Agritreat degrades quickly in the presence of sunlight and oxygen.

Use for cleaning of:

- Irrigation systems
- Dripper lines
- Micros
- Sand filters

- Pipes
- Reservoirs

Agritreat is also effective on:

- * Viruses
- * Bacteria
- * Parasites
- * Algae
- * Fungi
- * Iron bacteria
- * Protozoa
- * Cists
- * Cholera
- * Cryptosporidium
- * Giardia
- * Legionella
- * E-coli
- * Coliphage
- * Polio





Advantages of Agri-Treat:

- ✓ **Global gap** accreditation
- ✓ **Patented** in more than **120 countries**
- ✓ **Safe and environmentally friendly:** Harmless to plant roots, micro organisms, animals and people.
- ✓ **Fast bacteria killing action**
- ✓ **Wide spectrum of application methods**
- ✓ **Cost effective and easy to apply**
- ✓ **Mixable with chemicals:** Can be applied while irrigating.
- ✓ **Stabile and effective over a wide PH spectrum**
- ✓ **Easy and safe to transport**
- ✓ **Sensitive to UV rays and oxygen**
- ✓ **Excellent results on Polio, E-coli, Cholera, Bilharzias, Giardia, Cryptosporidium, Legionella etc.**
- ✓ **Less corrosion to systems**
- ✓ **No long term health risks**
- ✓ **A Product for the 21st century**





Application of Agritreat:

1. Dripper lines:

Corrective Application: Recommended for severely blocked pipes and drippers.

- **Step 1:** Stop irrigation
- **Step 2:** Flush lines well
- **Step 3:** Calculate the volume Agritreat needed per irrigation block
- **Step 4:** Dilute volume Agritreat per hectare in 200 liter water and apply for 1 hour
- **Step 5:** Leave in system for 24 hours
- **Step 6:** Flush well
- **Step 7:** Repeat if necessary

For best results apply at the block. Use an injector pump or spray pump.

Intermittent Application: Recommended for dripper lines which are only slightly blocked.

- **Step 1:** Calculate the volume Agritreat needed per irrigation block
- **Step 2:** Apply during irrigation cycle
- **Step 3:** Dilute volume Agritreat per hectare in 200 liter water and apply for 1 hour
- **Step 4:** Repeat if necessary

Continuous Application: Recommended where bacteria levels and fungi pressure is high, especially at nurseries where irrigation is done continuously.

- **Step 1:** Apply 150 ml Agritreat 300 per 10m³ water continuously with a pulse pump during irrigation cycles from the pump rooms before filters.



2. Micros

- **Step 1:** Apply **500ml Agritreat per Ha**
- **Step 2:** Dilute the dosage Agritreat in 100 liters of water en apply for the last 20 minutes of the irrigation cycle.
- **Step 3:** Turn system off. Leave in lines for 12 to 24 hours
- **Step 4:** Flush well and continue with irrigation

For best results apply at the block. Use an injector pump or spray pump.

3. Filters

The cleaning of filters is very important in the cleaning process.

Sand filters

- **Step 1:** Backwash
- **Step 2:** Turn off and open lid
- **Step 3:** Apply 2L Agri-Treat (per 48"unit)
- **Step 4:** Wait 24 hours then backwash
- **Step 5:** Repeat if necessary

NB: Agritreat 300 leaves no residue in the pipes. Bacterial growth starts immediately after cleaning. Flushing is important after cleaning.

Packaging: 22 Liter

