



Technical Data Sheet

Biozyme Bulk Applications for Lift Stations and Mainlines



Tools/Equipment:

- Biozyme Bulk 5-Gallon Pail
- Empty 5-Gallon Bucket
- Water to activate the microbes in Biozyme
- Septic pumping truck (if tank needs to be pumped down to expose F.O.G.)

Lift Station Application Rates:

Flow Rate	Inoculation Period /1st Week	Regular Maintenance
Up to 50,000 gpd	1 lb. / day	1 lb. / week
50,000 to 100,000 gpd	2 lb. / day	2 lb. / week
100,000 to 200,000 gpd	3 lb. / day	3 lb. / week
200,000 gpd and above	4 lb. / day (per 300,000 gpd)	4 lb. / week (per 300,000 gpd)

Lift Station Applications

1 Calculate the amount of Biozyme required for the treatment

Using the chart above, calculate the amount of Biozyme required. See the initial inoculation application period that treats the lift station every day for week 1. Upon completion of the inoculation period, refer to the regular maintenance once-per-week application rate chart.

3



Add water

Fill the bucket with water and allow Biozyme to soak for 15 minutes to activate the Biozyme microbes.

4

Apply the activated Biozyme

Raise the upper and lower floats 1-6 inches. For best results, pour the activated Biozyme into the manhole upstream of the lift station.

2



Measure the amount of product and add water

Measure out the correct amount of Biozyme then add it to a dry 5-gallon bucket. 1 cup of Biozyme equals approximately 1/2 lb.



A. Lift Station Application Point

Pour the activated Biozyme directly into the lift station. Follow application rates and schedule as listed above.



B. Mainline Application Point

Pour the activated Biozyme into the upstream manhole making sure that it is directed into the trough and directly into the flow. If sufficient flow is not present to wash down the Biozyme to

the lift station add more water using a jetter truck to get the product to completely flow down to the lift station.



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Biozyme Bulk Applications for Lift Stations and Mainlines

Mainline Application Rates

(1 cup of Biozyme = 1/2 lb.)

**Initial Inoculation Plan per 1' - 500' Section
Application for 5 consecutive days**

**Maintenance Plan 1' - 500' Section
Weekly applications**

Pipe Diameter	Biozyme lbs. Per day for Average Grease	Biozyme lbs. Per day for Heavy Grease	Biozyme lbs. Per week for Average Grease	Biozyme lbs. Per week for Heavy Grease
1-2"	2 tbs.	4 tbs.	2 tbs.	4 tbs.
3-6"	.5 lb.	1 lb.	.5 lb.	1 lb.
8"	1 lb.	1.5 lbs.	1 lb.	2 lbs.
10"	2 lbs.	2.5 lbs.	2 lbs.	3 lbs.
12"	2.5 lbs.	3 lbs.	2.5 lbs.	3.5 lbs.
18"	5 lbs.	6 lbs.	5 lbs.	6 lbs.
24"	7 lbs.	9 lbs.	7 lbs.	9 lbs.

Mainline Applications

- 1 Calculate the amount of Biozyme required for the treatment
Using the chart above calculate the amount of Biozyme required. See the initial inoculation application rate that treats the lift station every day for week 1. Upon completion of the inoculation period, refer to the regular maintenance once-per-week application rate chart.

2



Measure the amount of product and add water

Measure out the correct amount of Biozyme then add it to a dry 5-gallon

bucket. 1 cup of Biozyme equals 1/2 lb.

3



Add water

Fill the bucket with water and allow to Biozyme to soak for 15 minutes to activate the microbes.

4



Apply the activated Biozyme

Start at the furthest downstream line section. Treat the first 500' of the line before moving upstream for best results.

To order Grease-X® Biozyme, visit our website at www.RootX.com, or call 1-800-844-4974