

# BIO-GEM®

## LIQUID ORGANIC DIGESTER SUGGESTED USAGE & DOSING GUIDELINES

Bio-Gem® is an easy to use concentrated liquid formulated to digest grease, fats and oils in grease traps, drain lines, septic tanks, lift stations and wastewater treatment systems. Bio-Gem® can eliminate costly maintenance and line blockages. Application rates are system dependent. General dosing for lift stations/wet

wells and wastewater treatment plants is 18-25 ounces per day for each 10,000 gallons of daily flow. Dosing is based on a "stable plant" with COD levels of 500 PPM or less. If the plant is experiencing an upset, or COD levels are higher than 500 PPM, then increased dosing may be required for the first one or two weeks of usage.

### GREASE TRAPS

SIZE	EXAMPLE	DOSING
Small Volume Establishment 200 Gallon Trap (29 cu. ft.)	Diners, Luncheonettes	Liquid: 10 oz. per day
Medium Volume Establishment 500-1,500 Gallon Trap (65-200 cu. ft.)	McDonalds®, Burger King®	Liquid: 18-20 oz. per day
Large Volume Establishment 1,500 Gallon+ (200+ cu. ft.)	Hotels, Hospitals	Liquid: 32-40 oz. per day

### RESIDENTIAL DRAIN LINES

SIZE	EXAMPLE	DOSING
Residential Slow Running (when water is still in sink/tub)	Start-up	Liquid: 10-12 oz.
Residential Less Severe Problem (dose at slowest time for best results)	3 Day Treatment	Liquid: 2-4 oz. per day
Residential Toilets (avoid flushing for 6-8 hours after flushing product down toilet for best results)	3 Day Treatment	Liquid: 4-6 oz. per day

### RESIDENTIAL SEPTIC TANKS

	EXAMPLE	DOSING
Residential Septic Tank	Based on 1,000 Gallon Tank	Liquid: 10 oz. per month

### LIFT STATION / WET WELL / WASTEWATER TREATMENT PLANT

SIZE	DOSING IN GALLONS		
	DAY 1	DAY 3 - 7	MAINTENANCE
Less than 50,000 Gal./Day Flow	3	2	½
100,000 Gallon/Day Flow	5	2	1
300,000 Gallon/Day Flow	7	3	1
500,000 Gallon/Day Flow	13	4	2
1,000,000 Gallon/Day Flow	20	10	3
2,000,000 Gallon/Day Flow	25	13	6

Bio-Gem® is a natural way to eliminate grease, fats and oils throughout your treatment system. To determine the best application rate for a severely fouled system, contact your local Bio-Gem® distributor or Norweco, Inc at (419) 668-4471.

PROGRESS THROUGH

***norweco***®

SERVICE SINCE 1906