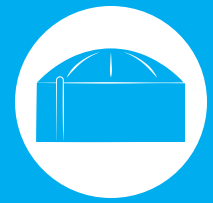


# BioGas1

## Trace Metal Micronutrient Blend for Better Biogas Production



BioGas1 increases methanogenesis in anaerobic digesters by enhancing the biochemistry that creates biogas. BioGas1 introduces the right micronutrients to stimulate methane production.

There is a lot of misinformation about which micronutrients are important in anaerobic digestion. BioGas1 contains ideal proportions of cobalt, nickel, and iron. This formulation is not only safe for your digester but is also the safest way to add micronutrients for the operator.

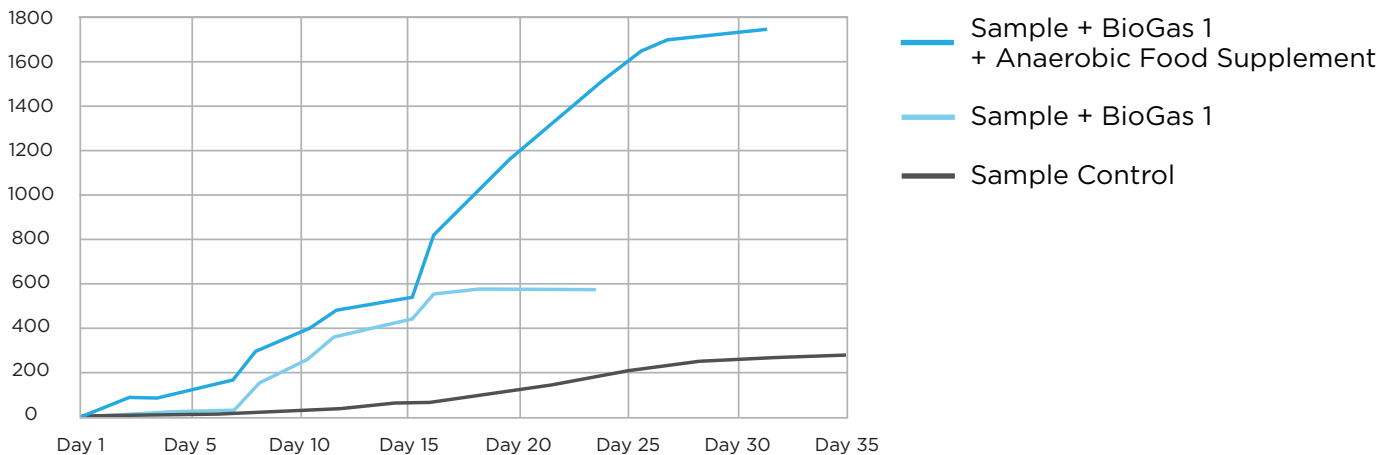
Other micronutrient products often precipitate out of solution very quickly in the digester, yielding them useless. Our formula is designed to maintain maximum solubility and bioavailability. The result is improved volatile solids conversion, a healthier population of methanogenic archaea, and better quality of biogas production.



Maximum Bioavailability of:	Beneficial for Digesters Servicing:
<ul style="list-style-type: none"><li>• Cobalt</li><li>• Nickel</li><li>• Iron</li></ul>	<ul style="list-style-type: none"><li>• Food Industry</li><li>• Agriculture</li><li>• Waste to Energy</li><li>• Municipal</li></ul>

**Figure 1:**

Methane accumulation (NmL): anaerobic lagoon

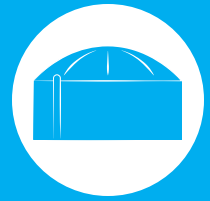


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# Dose Rates

## BioGas1



Initial Loading Dose	
Tank Volume	Dose Rate One time
10,000 gal	0.5 gal
50,000 gal	2.5 gal
100,000 gal	5 gal

Maintenance Dose	
Flow Rate Gallons per day	Dose Rate Once per week
10,000 GPD	0.5 gal
50,000 GPD	2.5 gal
100,000 GPD	5 gal

### BioGas1 Dosing:

- Add to digesters with a pH already between 6-8
- Slug dose once per week, no need to feed gradually
- For anaerobic lagoons ask technical rep for custom dosing recommendation

### Available Sizes:

- 5 gal case
- 55 gal drum
- 275 gal tote

### Notes:

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For digesters with low starting pH use Boost N Lock first to raise pH above 6.



For digesters with inconsistent or inadequate loading, pair BioGas1 with Anaerobic Food Supplement.