



BioGan® 6-13-0

100 % Natural Organic Fertilizer from Fish Bone

BioGan® 6-13-0 is a natural, organic fertilizer composed entirely of fish bone derived from the fresh cuttings of marine white fish species harvested and processed for human consumption. All processing is domestic and shore-based. All facilities are federally inspected. Our fertilizer is registered for use in organic agriculture by the Washington State Department of Agriculture (WSDA) Organic Food Program. It contains no additives for processing or preservation.

BioGan® 6-13-0 is a concentrated source of water insoluble, slow-release nitrogen. In addition, it supplies a significant amount of phosphorus and calcium, and a complete array of major and secondary soil nutrients. Our fertilizer is ideal for establishing fertile soils and growing healthy plants. It releases nutrients slowly and evenly as it decomposes through natural soil microbial activity.

BioGan® 6-13-0 is a product of the United States of America. It is traceable with documentation showing source and processing of raw material utilized in manufacturing. Our company benefits from vertical integration within a human seafood company, [Pacific Seafood Group](#), through access to their electronic tracking of fish catch, landings and processing, and the subsequent disposition of fresh fish cuttings. Pacific Seafood Group maintains strict quality standards based on scientifically-derived FSMA/HACCP systems at all our locations to ensure that the product you receive is the highest quality.

Customers are always welcome to visit our facilities and review our practices. Our definition of excellence, “*consistently doing your best and always striving to do better*”, demonstrates our commitment to providing a traceable, sustainable and wholesome product to our customers and yours.

Guaranteed Analysis

Total Nitrogen	6.0 %
Ammoniacal Nitrogen	0.0 %
Water Insoluble Nitrogen	5.5 %
Water Soluble Nitrogen	0.5 %
Available Phosphate (P ₂ O ₅)	13.0 %
Soluble Potash (K ₂ O)	0.0 %
Calcium	14.0 %



Major/Secondary Nutrients

Phosphorus	13.5 %
Phosphorus as P ₂ O ₅	19.0 %
Potassium	0.4 %
Potassium as K ₂ O	0.4 %
Sulfur	0.4 %
Calcium	15.0 %
Magnesium	0.3 %
Sodium	0.6 %

Micronutrients

(ppm)

Iron	90
Zinc	75
Boron	35
Manganese	35
Copper	15
Barium	7
Chromium	2.5
Arsenic	BDL
Cadmium	BDL
Cobalt	BDL
Lead	BDL
Mercury	BDL
Molybdenum	BDL
Nickel	BDL
Selenium	BDL
Silver	BDL

Other Nutrient Properties

Moisture	7.0 %
Total Solids	93.0 %
C:N Ratio	4:1
Total Carbon	25.0 %
Chloride	0.3 %

Product Characteristics

Color	Light brown
Odor	Mild fish
Physical	Free-flowing



Density	Approximately 30 - 35 lb / ft ³
pH	7.0 – 7.5
Storage	Store in a cool, dry place in original packaging
Stability	36 months when appropriately stored

Packaging Bulk bags (1,500- 2,000 lb)

Certification

This product maintains a Material Registration Certificate from Washington State Department of Agriculture, and is verified to comply with the USDA National Organic Standards (7 CFR Part 205).
Registration #: 2164

Directions for Use

Apply 500- 1,800 lb/ acre/ year, and till into soil. Specific application rates depend on soil fertility and crop requirements.

Processing Statements

Allergen: This product contains fish and is processed in a facility that processes crustacean shellfish. This product is not intended for human consumption.

The values for major/secondary nutrients, micronutrients, other nutrient properties, and product characteristics are typical and expected.

Manufacturer

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