

# 2-14-0 PAR4<sup>®</sup> Granulated Bone Meal

Provides a perfect substitute to traditional powdery, hard-to-handle bone meal and is a natural source of nitrogen, phosphate.

## PREMIUM PRODUCT

PAR4<sup>®</sup> granulated bone meal is manufactured by combining finely ground, bone meal with lignin sulfonate – a natural binding agent – acting as the perfect substitute for traditional powdery, hard-to-handle bone meal.

## ENVIRONMENTALLY FRIENDLY

PAR4<sup>®</sup> granulated bone meal is heat treated, which assures a safe product with virtually no pathogens and contaminants. The phosphorous in PAR4's bone meal is naturally occurring and is highly available to soil microbes and plants. The portion of the phosphorous that is not immediately available to the plant releases slowly and has minimal impact on waterways and aquatic organisms. PAR4<sup>®</sup> products are manufactured by facilities that understand the value of environmental stewardship.

## EASY TO APPLY

A consistently sized product, PAR4<sup>®</sup> granulated bone meal is nearly dust-free and can be applied with conventional fertilizer equipment. It is also suitable for nursery soil mixing and containerized plant applications. Refer to package directions or contact Bridgewell Agriculture for proper crop application intervals and rates. Always perform a soil test prior to applying any fertilizer product.

## FLEXIBLE PACKAGING AND PERSONALIZED SERVICE

Packaging options include 50lb bags and bulk bags, available in truckloads and pallet quantities from our warehouse in Stockton, CA. With our personalized service, you can be assured that PAR4<sup>®</sup> granulated bone meal gets to you when you need it.

*See back for more information.*



**BRIDGEWELL**  
AGRICULTURE

**Distributed By—Bridgewell Agriculture**  
12420 SE Carpenter Dr. | Clackamas, OR 97015  
877.760.5410 | 503.723.5410 | Fax 503.723.5455  
fertilizersales@bridgewellab.com | BridgewellAgriculture.com

# 2-14-0 PAR4<sup>®</sup> Granulated Bone Meal

## PAR4 2-14-0 BENEFITS:

- Contains 2% nitrogen, 14% phosphorus
- Manufactured from bone meal
- Granulated for ease of handling and blending
- Consistent, quality-controlled processing
- Promotes microbial activity
- Can be applied using conventional fertilizer equipment



## OTHER PRODUCTS:

- PAR4<sup>®</sup> 1-0-2 Kelp Meal
- PAR4<sup>®</sup> 9-3-7 Granulated Multi-Purpose Fertilizer
- PAR4<sup>®</sup> Greensand
- PAR4<sup>®</sup> Protein Meals
- Archipelago™ Bat Guano 0-7-0
- Azomite Trace Mineral™ Product
- Calphos™ Soft Rock Phosphate
- RO Dried Bat Guano 7-3-1
- Agricultural Gypsum

## PAR4<sup>®</sup> 2-14-0 Guaranteed Analysis

Total Nitrogen (N)	2%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	14%
Soluble Potash (K <sub>2</sub> O)	0%
Derived from bone meal and lignin sulfonate	

## Suggested Application Rates

<b>Established lawns</b>	
Spring application	15 lbs. per 2,500 sq. ft.
Early summer application	10 lbs. per 1,000 sq. ft.
Late summer application	10 lbs. per 1,000 sq. ft.
<b>Vegetable gardens and flower beds</b>	10 lbs. per 1,000 sq. ft.

## Protein- and Manure-Based Fertilizer Comparison

Natural fertilizers are products derived from the remains or by-product of an organism. This includes manure-based products including biosolids and animal-derived materials like feather meal and bone meal. While the origination of the products differ and nutrient ratios are similar, that is where most of the similarities end. The chart below compares the differences of a protein-derived fertilizer (from feather meal and bone meal) and its counterpart, manure-based fertilizers.

	Protein-based fertilizers	Manure-derived fertilizers
Nutrient value	High	Low
Nutrient release	Medium – slow	Medium – fast
Effectiveness rates	Longer	Shorter
Introduction of weed seed or pathogens	Less likely	More likely
Best use	Fertilizer	Soil conditioner
Odor level	Low	High
Quality consistency	Can be controlled	Harder to control
Measuring nutrient content	Easy	Difficult
Temperature changes	Adjusts time-released nutrients	Reduces nutrient content
Application rates	Known	Difficult to determine due to inconsistent nutrient content levels

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>. For best results follow a complete fertility program that includes regular soil testing. To learn more about Bridgewell Agriculture, please visit our website at [www.BridgewellAgriculture.com](http://www.BridgewellAgriculture.com)