



## Rock Dust Local Suggested Usage and Application Rates

### Pioneer Valley Basalt BrixBlend Gradation

**Usage:** An all purpose gradation for remineralization and general foundational fertility needs in direct to ground applications. Works in fruit and vegetable growing, grains, turf management, forestry, greenhouse growing media and for remineralizing compost. BrixBlend can be applied with drop spreaders, broadcast by hand or incorporated with other materials such as compost in field applications. (A "Microfine" gradation is available for foliar and fertigation applications. Please visit [www.Rockdustlocal.com](http://www.Rockdustlocal.com) for a full selection of products and gradations.)

**Application Rates:** Plot tests indicate a direct correlation between application rates and increased harvest weights. For remineralization; 5-50 lbs/100 sq. ft in tillage (approx. 1- 10 tons/acre), 5-24 lbs/100 sq. ft. in direct to ground broadcasting (approx. 1- 5 tons/acre). Use the higher rates in tillage. For maintenance of adequate mineral loads in soils apply with crop rotations, i.e. 1,3,5 year rotations following initial application thereafter minimum to maximum rates apply unless heavy crop usage requires high application rates. May be incorporated into potting soil mixes up to 5% by volume depending on soils and plantings.

**For Compost:** Good results have been achieved using 20-25lbs of micronized high silica, calcium rich rock dusts/ cubic yard of compost raw material. Use either the BrixBlend or any of our micronized gradations available at [www.Rockdustlocal.com](http://www.Rockdustlocal.com).

Pioneer Valley BrixBlend Basalt has been accepted by Bay State Organics and is Certifiable for Organic practice using NOPS criteria: 100% natural stone material.

**Basalt BrixBlend: Typical Geochemical Analysis % weight:** SiO<sub>2</sub> 49.3%, Al<sub>2</sub>O<sub>3</sub> 13.3%, Fe<sub>2</sub>O<sub>3</sub> 13.8%, MnO .2%, MgO 5.8%, CaO 9.2%, Na<sub>2</sub>O 3.14%, K<sub>2</sub>O .97%, TiO<sub>2</sub> .97 %, P<sub>2</sub>O<sub>5</sub> .15% A complete geochemical analysis is available on request.

**THANK YOU FOR YOUR ORDER!**

#### **HAZARD WARNINGS / CAUTION! AVOID BREATHING OR INGESTING ROCK DUSTS AND SOIL**

**AMENDMENTS:** Breathing dust may cause nose, throat or lung irritation or choking. Gross ingestion may cause intestinal distress. Prolonged or repeated exposure may cause lung injury, including silicosis. This product may contain crystalline silica that may cause lung cancer. Avoid inhalation of dust. Use adequate ventilation when working in confined areas or wear suitable respiratory protection equipment.

#### **Warranty Disclaimer**

This product conforms to the product description and is reasonably suited for the purposes as stated. In no event shall the manufacturer or the seller be held liable for any incidental, consequential, or special damages resulting from the use or handling of this product. The exclusive remedy of the buyer or user for all claims shall be the return of the purchase price of the product, at the sole discretion of the seller.