

California Rock Dust

Gabbro Granite for soil Re-mineralization

Rock Dust is a slow release product that is ecologically sustainable and unlike chemical fertilizers. Soils are re-mineralized with the understanding the soil life giving capacity may only be obtained with the presence of a full spectrum bio available mineral powder.

Adding finely ground Rock Dust to soil tremendously boosts production, nutritional content and resistance to insects and disease to organic agriculture and can make it truly viable by adding up to a hundred elements and trace minerals needed by all life. It provides a slow, natural release of elements and trace minerals, and can increase yields, counter soil acidity, increase the growth of microorganisms and earthworm activity, build humus complex, prevent soil erosion, increase the storage capacity of the soil, deter insects and increase resistance to disease, frost, and drought, and produce more nutritious crops with enhanced flavor.



Soil re-mineralization with rock dust:

- Is environmentally friendly and non-polluting
- Is not quickly soluble and has good residual
- Loosens compacted soil and enhances plant feeder root fertility
- Does not burn plants or seedlings at any rate

With its super-fine particles, rock dust can be easily applied with boom-type sprayers with diaphragm pumps. Apply like other soluble powders. It can also be applied with a gypsum injector. Use a mask with dry

applications.

The finer rock dust is ground, the less quantity is needed. Rock Dust is of course, inorganic. And since microbes consume the fine dust easily, they then discharge organically available plant food. You need less dust rock with worm castings. As worm castings enhance nutrient conversion, combined with rock dust they make a great combination for managing lawns and turf. In hydroseeding you can add rock dust and worm castings to the mix: 3lb gypsum, 2lb. rock dust, 40lb worm castings per hundred square feet to build soil structure.

Rock Dust can also be used if fall applications and winter weather. Rainwater will bring the finely ground rock dust closer to the root zone of the plants and vegetables. And the closer to the root zone, the better to uptake of nutrients from the soil. The microbes also convert the minerals to the rock dust into humus, and a deeper humus means better absorption of carbon dioxide from the air.

Rock Dust can be used on all plants from fruits and vegetables to orchards, vineyards, tree and flower nurseries, lawns, and of course, golf courses. It is also a perfect medium to combine with any compost. Adding rock dust to compost will balance to Ph and control odor, plus it increases assimilation, which can be further increased by turning over your compost more frequently.

Basic Mineral Analysis

Northern California Source – Granite Base

Silica	SiO ₂	51.52%
Alumina	Al ₂ O ₃	20.06%
Ferric Oxide	Fe ₂ O ₃	9.88%
Calcium Oxide	CaO	6.4%
Sodium Oxide	Na ₂ O	1.2%
Sulfur Oxide	SO ₃	.56%
Potassium Oxide	K ₂ O	.39%

Elements in parts per million

Lithium 34 Beryllium .38 Boron 220 Scandium 39 Titanium 4000
Vanadium 250 Chromium 46 Manganese 1300 Cobalt 33 Nickel 10 Copper 77
Zinc 92 Gallium 15 Germanium .58 Arsenic 3.9 Bromine 21
Selenium 3 Rubidium 11 Strontium 150 Yttrium 21 Zirconium 7.4
Niobium 1.4 Molybdenum .37 Ruthenium .03 Rhodium .02
Silver .19 Palladium .02 Cadmium .11 Tin .58 Antimony .17
Tellurium .01 Iodine .5 Caesium .63 Barium 130 Lanthanum 1.1
Cerium 5.8 Praseodymium 1.1 Neodymium 5.5 Samarium .76
Europium .56 Gadolinium 1.9 Terbium .42 Dysprosium 2.9
Holmium .58 Erbium 1.7 Thulium .24 Ytterbium 1.4
Lutetium .58 Hafnium .46 Tantalum .29 Tungsten .20
Rhenium .02 Osmium .02 Iridium .02 Platinum .03 Gold .17
Mercury .1 Thallium .02 Lead 1.2 Bismuth .05

California Rock California is available in

Bulk	1 Ton Bags and ½ Ton Bags
Bucket	50 Lb. and 30 Lb. Buckets
Jar	2 Lb. Jars

For further information and to order products, contact:
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