



# DRY SOLUBLE 80

Manufactured By:

**Black Earth Humic LP**

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**Contains minimum 80% Humic substances using A & L Analytical Method**

**Contains Plant Nutrients – 0-9-14\***

**Density – 60 lbs/cu ft (970 kg/cu m)**

**BEFORE USING THIS PRODUCT, CAREFULLY READ ENTIRE LABEL**

## AGRICULTURAL, HORTICULTURAL AND TURF APPLICATIONS

### Product Description

BlackEarth Dry Soluble 80 is a concentrated water soluble powder derived from naturally occurring humic-containing materials. For use primarily as a soil amendment and to aid in nutrient uptake.

### Directions for Use

Proper timing, rate, and placement of BlackEarth Dry Soluble 80 is important for desired results and dependent on, soil fertility levels, and environmental conditions.

### Mixing Directions

BlackEarth Dry Soluble 80 should be thoroughly mixed with water to produce liquid humic products. The following amount of BlackEarth Dry Soluble 80 is required to make a liquid humic material.

Desired Humic Substance Concentration	Amount of BlackEarth Dry Soluble 80 required
6%	77 g/litre of water or 0.64 lbs/gallon of water
12%	154 g/litre of water or 1.28 lbs/gallon of water

The resulting BlackEarth Dry Soluble 80 solution is compatible with many liquid fertilizers and micronutrients. Addition of the solution made from BlackEarth Dry Soluble 80 to these products should not be done without first testing compatibility on a small scale. When mixing with water fill container three quarters full, add BlackEarth Dry Soluble 80 slowly with good agitation or circulation of water, then the remaining water. Ensure adequate agitation in all situations. A de-foaming agent may be required.

DO NOT mix BlackEarth Dry Soluble 80 with calcium nitrate, phosphoric acid, zinc sulfate or other solutions with a pH of less than 6.0.

CAUTION: When combined with aqua ammonia, vapor releases may result in pressure build-ups. For such mixtures, only use mixing and application equipment that are vented and/or have pressure relief valves.

### Special Note

The following application rates are based on the production of a 6% Liquid humic material. The rates for a 12% Liquid humic material are half that of the listed rates.

### Agronomic Uses

**Seed and Potato Seedpiece Treatments:** Apply 4 – 8 litres of a 6% Liquid humic material (derived from BlackEarth Dry Soluble 80) in 100 litres of water as a seed treatment spray or dip.

**Transplant Water Applications:** Apply 2 litres of a 6% liquid humic material in 100 litres of water.

**Preplant In-Furrow, Sidedress and Foliar Applications:** Apply 10 – 25 litres of 6% liquid humic material (derived from BlackEarth Dry Soluble 80) per ha (or 1.1 – 2.6 gallons/acre). Band or broadcast a 6% liquid humic material (derived from BlackEarth Dry Soluble 80) in tank mixture with or sequentially to fertilizer applications.

### Horticultural Uses

#### Transplants and Cuttings:

Apply 2 litres of a 6% liquid humic material (derived from BlackEarth Dry Soluble 80) per 100 litres of transplant solution.

#### Trees, Shrubs and Bedding Plants:

Mix 0.7 mls of BlackEarth Dry Soluble 80 with 1 litre of water (or 0.5 teaspoons per gallon of water). Apply resulting solution to plant material.

#### Established Ornamentals:

Use 2 litres of a 6% liquid humic material (derived from BlackEarth Dry Soluble 80) per 100 litres of water every 45-60 days during the growing season. Apply as a normal irrigation. As part of a fertilization program, apply 18 litres of a 6% liquid humic material (derived from BlackEarth Dry Soluble 80) per 100 kgs (or 2.2 gallons/100 lbs) of actual plant nutrients. Water in thoroughly.

#### Landscape and Turf:

Broadcast 45 – 90 ml of a 6% liquid humic material (derived from BlackEarth Dry Soluble 80) per 100 m<sup>2</sup> (or 3 – 6 tablespoons/1000 ft<sup>2</sup>) in 4 – 6 equal applications throughout the growing season. Irrigate into soil.

**NOTICE:** Black Earth Humic LP warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use of application, all of which are beyond the control of Black Earth Humic LP. In no case shall Black Earth Humic LP. be liable for consequential, special or indirect damages resulting from the use or handling of this product. Buyer shall assume all such risks of any such use of the product.

**DISCLAIMER:** Not all products listed are available for purchase or authorized for use in every state. In addition, some states, countries and cities may require special licensing and training to sell, purchase or apply some of the products presented. It is the responsibility of the distributor, retailer or professional applicator to verify, before product sale / purchase, that the product is approved for the use intended in their state, country and city.

Note: \* as N-P<sub>2</sub>O<sub>5</sub>-K<sub>2</sub>O

Net Weight: 22.7 kg (50 lbs)

Product of Canada