

BLACK EARTH

ENHANCING...NATURALLY



Organic Materials Review Institute



BLACK EARTH
HUMIC LP

13044 Yellowhead Trail
Edmonton, Alberta,
Canada T5L 3C1
Phone: (780) 453 - 2100
Fax: (780) 421 - 4835

e-mail:
sales@blackearth.com

Web Site:
www.blackearth.com

The information and data contained herein are believed to be accurate and reliable. Black Earth Humic LP makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information.

Printed in Canada
Revised: July, 2009

TECHNICAL DATA

POWDER (SUPER FINE)																	
Typical Applications:	Agriculture/Turf/Horticulture/Remediation																
DESCRIPTION	BLACK EARTH Powder (Super Fine) is a naturally occurring material that is very rich in humified organic matter and humic substances. Research has indicated BLACK EARTH Powder (Super Fine) can be an effective material to increase plant nutrient uptake and root development while improving soil quality. It will also increase and enhance microbial activity aiding remediation of problem soils.																
CHARACTERISTICS	BLACK EARTH Powder (Super Fine) is a high humified organic matter powder, with high cation exchange capacity (CEC). It is used in the manufacturing of liquid humic-containing products, or applied directly to the soil. BLACK EARTH Powder (Super Fine) is listed with the Organic Materials Review Institute (OMRI) and verified for use for NOP, IFOAM, JAS, CAAQ, EU 2092/91.																
PHYSICAL ANALYSIS	<table> <thead> <tr> <th></th> <th>Typical</th> </tr> </thead> <tbody> <tr> <td>Humified Organic Matter</td> <td>> 80%</td> </tr> <tr> <td>Ash</td> <td>< 20%</td> </tr> <tr> <td>Moisture</td> <td>30 – 35 %</td> </tr> <tr> <td>pH</td> <td>3.5 – 4.1</td> </tr> <tr> <td>Color</td> <td>Brownish – Black</td> </tr> <tr> <td>Bulk Density</td> <td>Loose - 49 lbs/ft.3; 790 kg/m3 Tapped - 53 lbs/ft.3; 840 kg/m3</td> </tr> <tr> <td>CEC</td> <td>>600 meq/100 grams (Dry Matter Basis)</td> </tr> </tbody> </table>		Typical	Humified Organic Matter	> 80%	Ash	< 20%	Moisture	30 – 35 %	pH	3.5 – 4.1	Color	Brownish – Black	Bulk Density	Loose - 49 lbs/ft.3; 790 kg/m3 Tapped - 53 lbs/ft.3; 840 kg/m3	CEC	>600 meq/100 grams (Dry Matter Basis)
	Typical																
Humified Organic Matter	> 80%																
Ash	< 20%																
Moisture	30 – 35 %																
pH	3.5 – 4.1																
Color	Brownish – Black																
Bulk Density	Loose - 49 lbs/ft.3; 790 kg/m3 Tapped - 53 lbs/ft.3; 840 kg/m3																
CEC	>600 meq/100 grams (Dry Matter Basis)																
SCREEN ANALYSIS (% by weight)	<table> <thead> <tr> <th>Tyler Screen Size</th> <th>Typical %</th> </tr> </thead> <tbody> <tr> <td>-40 +100</td> <td>3%</td> </tr> <tr> <td>-100 +140</td> <td>4%</td> </tr> <tr> <td>-140 +200</td> <td>23%</td> </tr> <tr> <td>-200</td> <td>70%</td> </tr> </tbody> </table>	Tyler Screen Size	Typical %	-40 +100	3%	-100 +140	4%	-140 +200	23%	-200	70%						
Tyler Screen Size	Typical %																
-40 +100	3%																
-100 +140	4%																
-140 +200	23%																
-200	70%																
PACKAGED IN	2000 lb. Totes																