



BioD-Medium™

Freshwater processed coir
soil-less potting soil
Completely organic!

Description

BioD-Medium, coir pith (dust), is a natural, biodegradable by-product from the coconut fiber industry. It is the leftover fine coir particles after extraction of fiber from freshwater cured coconut husks. After extraction of fiber, coir pith is stored in open air for 2-3 years before using. Exposure to natural conditions, rain in particular, weathers coir dust and reduces its salinity and conductivity. Aged coir pith has properties suitable for promoting seed germination plant growth. A 50% increase in root growth has been observed in many plants when they are grown in coir dust mediums. A higher rose production can be achieved using coir dust. BioD-Medium is available in 5:1 and 2:1 dry compaction units. Coir pith is also an excellent reptile bedding, medium for worm cultures and insulation medium for plant over wintering.

Composition

pH	5 - 6.8
C:N ratio	80:1
Total pore space (v/v)	94- 96 %
Air filled porosity (v/v)	10 - 12 %
Water holding capacity (DW)	8 -9 times
Cellulose (w/w, DW)	20 -30 %
Lignin	65 - 70 %
Organic matter (w/w, DW)	94 – 98%
Organic carbon (w/w, DW)	45 – 50%
Cation exchange capacity	60 - 130 m. Eq./100g
Ash (DW)	3 - 6 %



1 800 760 3215

Tel: 770 506 8211 Fax: 770 506 0391

E-mail: rolanka@rolanka.com

Web: www.rolanka.com

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155 Andrew Drive, Stockbridge, GA 30281