

**PRODUCT TECHNICAL DATA SHEET
(Organic Soil Conditioner)**

PRODUCT NAME & PRODUCT CODE	
PRODUCT NAME	EASYGROW PREMIUM OPEN TOP
PRODCT CODE	COIRI0011601

PRODUCT SPECIFICATIONS

100% Organic coconut coir Pith, it is naturally bio-degradable Soil Conditioner and it comes as by product from coconut fibre industry. It is the left-over dust after fibre is extracted from fresh water cured coconut husks. After extraction of dust it is stored in open air for 2 -5 years before using. This product is then put through our vigorous quality control measures made in compressed foam for an economical way of transporting.

Net weight:	900 – 1000g
Dehydrated yield in (Liters):	13 – 15 Liters
Air filled Porosity:	(26 – 28) %
Water Holding Capacity:	(4.5 – 5.0) liters /Kg
Moisture:	18%

PRODUCT DESCRIPTION

PRODUCT USAGE

100% Organic Growing Media/Soil Conditioner Coir Pith for commercial growers and soil builders. Ultimate organic fertilizer, multi-purpose soil conditioner. Economical and long lasting. This product is specially made for Hobby Market; these products are excellent for Horticulturalists, Green house owners, commercial nurseries, and large, medium and small-scale growers.

PRODUCT APPLICATION

- Used as Starter Grow Bags for Individual Plant Crops
- Hydroponic Growers, Nursery, Garden Centres & Professionals
- Seedling Nurseries
- Horticulture and Floriculture applications
- Home Gardening (indoor usage)

SAFETY PRECAUTIONS

- **Additional hazards when processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion.**
- **Keep dust levels to a minimum and follow applicable regulations.**
- **Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Avoid creating or spreading dust. Keep away from heat, sparks, open flames, hot surfaces. – No smoking.**
- **Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures.**

PRODUCT ANALYCS REPORT (TECHNICAL DATA)

Parameter	As Received (fresh)		In dry matter		Method Reference
	Result	Unit	Result	Unit	
Bulk Density ¹	342	g/l*	67	g/l	BS EN 13040
Dry Matter	19.5	% m/m	N/A		BS EN 13040
Moisture	275	g/l	N/A		BS EN 13040
Moisture	80.5	% m/m*	N/A		BS EN 13040
Organic Matter (Loss On Ignition)	98.0	% m/m	89.7	% m/m*	BS EN 13039
Organic Carbon (LOI ÷ 1.72)	57.0	% m/m	52.2	% m/m*	Calculated
pH	6.97	N/A*	N/A		BS EN 13037
Electrical Conductivity	274	µS/cm@25°C	N/A		BS EN 13038
Electrical Conductivity	27.4	mS/m @ 25°C	N/A		BS EN 13038

Parameter	As Received (fresh)		In dry matter		Method Reference	Plant Significance
	Result	Unit	Result	Unit		
Nitrogen as N	597	mg/l	8950	mg/kg	Dumas, BS EN 13654-2 ²	Primary Nutrients
Nitrogen as N	0.17	% m/m	0.90	% m/m	Dumas, BS EN 13654-2 ²	Primary Nutrients
Phosphorus as P	31.1	mg/l	466	mg/kg	BS EN 13650	Primary Nutrients
Phosphorus as P	<0.1	% m/m	<0.1	% m/m*	BS EN 13650	Primary Nutrients
Potassium as K	709	mg/l	10630	mg/kg	BS EN 13650	Primary Nutrients
Potassium as K	0.21	% m/m	1.06	% m/m*	BS EN 13650	Primary Nutrients
Calcium as Ca	508	mg/l	7615	mg/kg	BS EN 13650	Secondary Nutrients
Calcium as Ca	0.15	% m/m	0.76	% m/m	BS EN 13650	Secondary Nutrients
Magnesium as Mg	139	mg/l	2085	mg/kg	BS EN 13650	Secondary Nutrients
Magnesium as Mg	<0.1	% m/m	0.21	% m/m	BS EN 13650	Secondary Nutrients
Sulphur as S	66.4	mg/l	996	mg/kg	BS EN 13650	Secondary Nutrients
Sulphur as S	<0.1	% m/m	<0.1	% m/m*	BS EN 13650	Secondary Nutrients
Boron as B	0.6	mg/l	9.4	mg/kg	BS EN 13650	Trace Nutrients
Iron as Fe	297	mg/l	4451	mg/kg	BS EN 13650	Trace Nutrients
Manganese as Mn	4	mg/l	63	mg/kg	BS EN 13650	Trace Nutrients
Molybdenum as Mo	0.2	mg/l	2.6	mg/kg	BS EN 13650	Trace Nutrients
Sodium as Na	136	mg/l	2044	mg/kg	BS EN 13650	See Footnote 3

STORAGE AND DISPOSAL

- **Conditions for safe storage, including any incompatibilities**
- **Technical measures: Comply with applicable regulations.**
- **Storage conditions: Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.**
- **Incompatible materials: Strong acids, strong bases, strong oxidizers.**

DISCLAIMER:

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