GROW BAGS & SUBSTRATES

Commercial Hydroponics

Coco/coir has been long identified as an excellent growing medium for hydroponic farming and cocopeat/coir grow bags have several desirable properties over other competing substrates.

01

Grow bags lift plants off cold earth and circulate air, warming the medium faster.

02

Delivers precise watering with far less guesswork about the exact amount.

03

Available in a range of sizes to suit the plant and substrate volume required.

04

Roots never touch natural soil, minimizing soil-borne diseases and pathogens.

05

Fully customizable in length, width, and height.

06

Plastic types offer varying UV resistance.



PRODUCT SPECIFICATION

Max & Plus Grow Bags

COCOWIDE GROW BAG

MAX

As cocopeat has a high-water holding capacity, Max mixture is ideal for warm climates and set ups with longer irrigation intervals. Proper screening to remove finer particles makes the mix more homogeneous.

Technical Specifications		
EC (mS/cm) 1:1.5 v/v method	Washed	<1.00
	Unwashed	<3.00
pH		5.5–6.5
Water Holding Capacity (l/kg)		7.00–8.00
Air-Filled Porosity (%)		12–18%



COMPOSITION



Coco Peat	100%

COCOWIDE GROW BAG

PLUS

PLUS, mixture also has higher a high-water holding capacity and mixture is ideal for warm climates and set ups with longer irrigation intervals. Addition of husk chips into the mix increases aeration and air-filled porosities proportionally.

Technical Specifications		
EC (mS/cm) 1:1.5 v/v method	Washed	<1.00
	Unwashed	<3.00
pH		5.5–6.5
Water Holding Capacity (l/kg)		6.00–6.50
Air-Filled Porosity (%)		23–28%



COMPOSITION



Coco Peat	70%
Coco Chips	30%

PRODUCT SPECIFICATION

Mixis & Optima Grow Bags

COCOWIDE GROW BAG

MIXIS

MIXIS mix has a balance water holding capacity and an air filled porosity which makes it an ideal choice for crops needing water and aeration balanced.

Technical Specifications		
EC (mS/cm) 1:1.5 v/v method	Washed	<1.00
	Unwashed	<3.00
pH		5.5–6.5
Water Holding Capacity (l/kg)		5.0–5.5
Air-Filled Porosity (%)		25–30%



COMPOSITION



Coco Peat	50%
Coco Chips	50%

COCOWIDE GROW BAG

OPTIMA

With the higher percentage of husk chips, OPTIMA mix makes it an ideal choice for conditions of cold climates with shorter irrigation cycles. Root suffocation and higher husk chips percentage increase the longevity live of the substrate.

Technical Specifications		
EC (mS/cm) 1:1.5 v/v method	Washed	<1.00
	Unwashed	<3.00
pH		5.5–6.5
Water Holding Capacity (l/kg)		4.50–5.00
Air-Filled Porosity (%)		30–40%



COMPOSITION



Coco Peat	30%
Coco Chips	70%

PRODUCT SPECIFICATION

Naked Slabs

Naked slabs are usually used in growing vegetables and soft fruits depending on the mix being used.

They can be set easily in troughs and trays. These are like Lay-Flat bags but without the plastic cover.

Technical Specifications

Common Mixes	Water Holding Capacity (l/kg)	Air-Filled Porosity (%)
MAX	7.00–8.00	12–18%
PLUS	6.00–6.50	23–28%
EXTRA	4.00–4.50	30–40%
EC (mS/cm) 1:1.5 v/v method	Washed	**<1.00**
	Unwashed	**<3.00**
pH	**5.5–6.5**	
Common Sizes / Units per 40' HC	100 × 15 × 08	
	100 × 15 × 10	
	100 × 18 × 10	

COMPOSITION BY MIX



MAX

- Coco Peat — 100%



PLUS

- Coco Peat — 70%
- Coco Chips — 30%



EXTRA

- Coco Chips — 100%

PRODUCT SPECIFICATION

Mini Grow Bags & Open-Tops

Mini Grow Bags and Open Top Bags have the advantages of optimizing water and fertilizer as the usage could be better focused and managed into a single plant. Their usage prevents the transmission of diseases and pathogens from plant to plant through substrate.

Technical Specifications

Common Mixes	Water Holding Capacity (l/kg)	Air-Filled Porosity (%)
MAX	7.00–8.00	12–18%
PLUS	6.00–6.50	23–28%
OPTIMA	4.50–5.00	30–40%
EC (mS/cm) 1:1.5 v/v method	Washed	<1.00
	Unwashed	<3.00
pH	5.5–6.5	
Common Sizes / Units per 40' HC (Mini Grow Bags)	20×18×16	36,000 – 38,000
	25×18×16	28,000 – 30,000
	50×18×16	14,000 – 15,000
Common Sizes / Units per 40' HC (Open Top Bags)	15×15×15	56,000 – 60,000
	20×20×20	24,000 – 26,000

COMPOSITION



MAX

- Coco Peat 100%



PLUS

- Coco Peat 70%
- Coco Chips 30%



OPTIMA

- Coco Peat 30%
- Coco Chips 70%

PRODUCTS



Mini Grow Bag



Open Top Bag