



DIDIHU®
AGTECH • SUBSTRATES

HYDROPONICS CATALOG OF **#AGTECH** SOLUTIONS

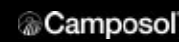
DIDIHU CATALOG ® 2023





"Our mission is to guide our grower friends with the ideal AgTech hydroponics that will allow them to be more productive with quality in a sustainable way and make them proud".

RAÚL MERCADO
CO-FOUNDER DIDIHU



WORLDWIDE PRESENCE





CENTRO DE INVESTIGACIÓN CIRMM

We are a global company with presence in: Mexico, USA, China, Peru and Chile; specialized in the total solution in Soilless Agriculture #SoilFree. In order to boost agricultural productivity, we have developed patented designs which are focused on delivering true innovation such as: coconut fiber substrates FIBERMIX®, pots and containers for the production of substrate POTHU® + DIDIPOT® and greenhouse and hydroponics accessories.

We have the active experience of being agricultural producers, more than 3 generations of family experience in crops such as blueberries, allowing us to know the needs and challenges you face as a producer first hand. Solutions developed for farmers by Farmers. We have our own CIRMM Research Center, located in Los Mochis, Sinaloa, where we promote the free flow of information and knowledge.

Solutions developed for growers by growers.



POTHU® CC

PATENTED

DIDIWU®
BERRIES



DIDIWU®
HORTALIZAS

POTS AND CONTAINERS

Patented designs that promote optimal oxygenation and drainage
higher seasonal productivity and standardized standardized harvests.

State-of-the-art proprietary technology.

⌂POTHU® CC

⌂POTHU® SIS

⌂DIDIPOT®

⌂POTHU® 7 LTS

⌂POTHU® SQ 30 & 33

⌂BASEHU®



COLOR: BLACK / TERRACOTA

W POTHU® CC

1

ENHANCED NUTRIENT ABSORPTION:

Slotted walls provide the ideal oxygenation to keep the substrate fresh and encourage balanced root nutrition.

2

DRAINAGE:

Conical system with 4 internal channels that encourage drainage flow.

3

PREVENTS SOIL CONTAMINATION:

The height of the legs allows light and oxygen to pass through to maintain healthy and comfortable roots.



DATA INFORMATION	
LITERS	27
LEG HEIGHT	40 mm
TOTAL HEIGHT	368.5 mm
BOTTOM WIDTH	274.8 mm
OPENING WIDTH	385 mm

PCS PER CTN	
20 GP	10,440 pcs
40 HQ	30,060 pcs



W POTHU® SIS

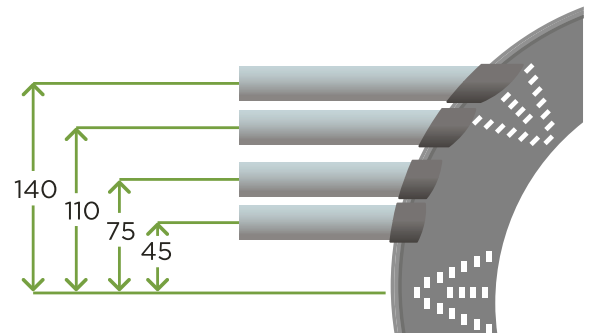
(SLOT IRRIGATION SYSTEM)

COLOR: BLACK / TERRACOTA

- 1** **SIS:** Slot irrigation system = Irrigation hoses are adapted to grooves in the top of the pot.
- 2** **SPACE:** We give you the option of a pot with greater volume capacity.
- 3** **SAVINGS:** No need for fittings on clips to adapt irrigation hoses.



DATA INFORMATION	
LITERS	25 & 27
LEG HEIGHT	35 mm
TOTAL HEIGHT	374.8 mm
BOTTOM WIDTH	391.4 mm
OPENING WIDTH	418.3 mm
GROOVES WIDTH	391.4 mm
PCS PER CNT	
20 GP	9,300 pcs
40 HQ	24,840 pcs





W POTHU® SIS

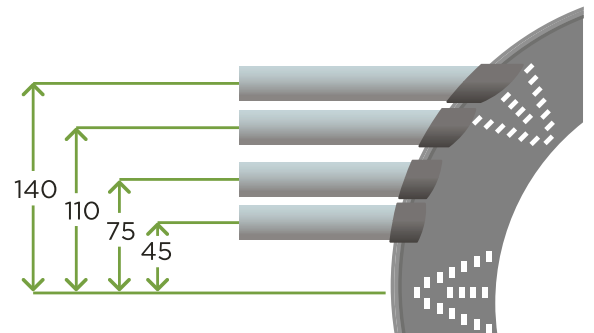
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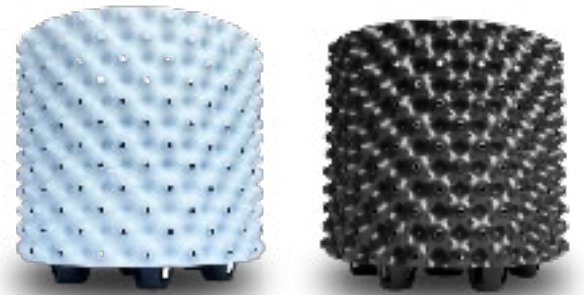
DATA INFORMATION	
LITERS	30 & 33
LEG HEIGHT	35 mm
TOTAL HEIGHT	374.8 mm
BOTTOM WIDTH	391.4 mm
OPENING WIDTH	418.3 mm
GROOVES WIDTH	391.4 mm
PCS PER CTN	
20 GP	9,300 pcs
40 HQ	24,840 pcs





DIDIPOT®

- 1 WALLS WITH HOLES:** Continuous evaporation and natural root pruning
- 2 FRESH SUBSTRATE:** Orifice wall system promotes oxygenation.
- 3 UNIFROM HOLES:** Reduces possibility of excess water.



LTS	WIDTH	HEIGHT	BASE HEIGHT
7	20 cm	20 cm	2.5 cm
10	20 cm	30 cm	2.5 cm
25	33 cm	30 cm	6 cm
30	37 cm	30 cm	6 cm
30	40 cm	25 cm	6.6 cm
37	40 cm	30 cm	6.6 cm
50	40 cm	40 cm	6.6 cm

PCS PER CTN

40 HQ

7 Lts	150,000
10 Lts	110,000
25 Lts	39,000
30 Lts	47,000
30 Lts	28,000
37 Lts	32,000
50 Lts	29,000
100 Lts	12,000

DIDIPOT 30TS* 28,000



POTHU® SQ 30 Y 33L

COLOR: BLACK / TERRACOTA

1

Inverted conical base: with drainage channels and holes for root oxygenation.

2

Uniform distribution: the base distributes the weight pressure of the substrate and roots, which helps to create a more comfortable environment for root development.

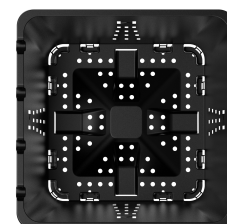
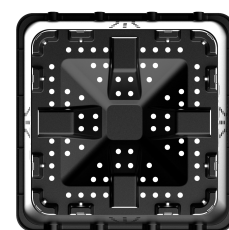
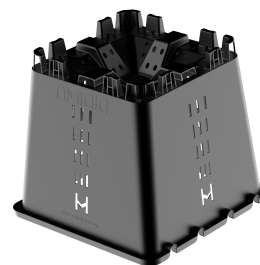
3

Long legs: serve to give it height, allow light and oxygen to pass through, which prevents the root from making contact with the ground.



TECHNICAL INFORMATION	
LITERS	30 y 33
TOTAL HIGH	31.49 cm
DEPTH WIDTH	29.98 cm
APERTURE WIDTH	38.2 cm

PIECES PER CTN	
40 HQ	18,540 pcs.





W POTHU® 7

COLOR: BLACK / TERRACOTA

1

ENHANCE NUTRIENT ABSORPTION:

Slotted walls provide ideal oxygenation to keep the substrate fresh and encourage balanced root nutrition.

2

DRAINAGE: Conical system with 4 internal channels that encourage drainage flow.

3

BALANCE: Wide legs for better stability.

STC

(Sistem Mentoring and Control)



Sustainability



Optimal Drainage



DATA INFORMATION	
LITERS	7
LEG HEIGHT	24.7 mm
TOTAL HEIGHT	285 mm
BOTTOM WIDTH	142.4 mm
OPENING WIDTH	140.05 mm
PCS PER CTN	
20 GP	37,800 pcs
40 HQ	96,000 pcs



COCONUT HUSK FIBER SUBSTRATES

Our coconut husk fiber substrates blends are tailored to the agronomic objectives of each project, using high quality product and achieving 100% homogeneity.

WFIBERMIX® **OPEN TOP BAG / NAKED BLOCK**

WFIBERMIX® **STARTING BLOCK**

WFIBERMIX® **SGS (Slab Growing System)**

WCOCONUT DISC COVERHU®



TRACEABILITY

We take care to detail at all the transformation process using top quality raw material, thus, we guarantee the traceability of the origin of the coconut and, as a result, we obtain total homogeneity.

This allows farmers a more efficient operation, healthier plants, higher quality and yields, growth in the same conditions and standardized agricultural projects. In addition to water and fertilizer savings.



FINE MIX

Coconut peat with a low fiber percentage.

WATER RETENTION	○	○	○	○	○
AIR RETENTION	☞	☞	☞		
WATERING FREQUENCY	☞	☞	☞		
DRAINAGE	☞	☞	☞		
VOLUME	☞	☞	☞	☞	☞
LIFE SPAN	♥	♥	♥		

MEDIUM MIX

70% coco peat, 30% short coco fiber

WATER RETENTION	○	○	○	○
AIR RETENTION	☞	☞	☞	☞
WATERING FREQUENCY	☞	☞	☞	☞
DRAINAGE	☞	☞	☞	☞
VOLUME	☞	☞	☞	☞
LIFE SPAN	♥	♥	♥	♥

THICK MIX

40% coco peat, 30% long fiber, 30% chips

WATER RETENTION	○	○	○		
AIR RETENTION	☞	☞	☞	☞	☞
WATERING FREQUENCY	☞	☞	☞	☞	☞
DRAINAGE	☞	☞	☞	☞	☞
VOLUME	☞	☞	☞		
LIFE SPAN	♥	♥	♥	♥	♥



HFIBERMIX®

OPEN TOP BAG / NAKED BLOCK

- 1 **FRESH PLANT:** Greater climatological control, which implies an optimal balance between water and aeration.
- 2 **COMFORTABLE ROOTS:** FIBERMIX® offers a unique combination of water retention, drainage and ideal aeration. This gives the roots plenty of room for comfortable growth
- 3 **FRESH PLANT:** Greater climatological control, which implies an optimal balance between water and aeration.

Naked Block



Open Top Bag



ELECTROCONDUCTIVITY	PH
<0.5 - <2	5.5 - 6.5
LITERS	AIREATION %
25 - 60 L	5.5 - 6.5%
PEAT MEASURE	CHIPS MEASURE
<0.5 mm	6mm - 8mm



DIDIHU® FIBERMIX® H2O+

2BLOCKS

40% POWDER 50% FIBER 10% (6-8cm) CHIP

SUPERIOR BLOCK

**15% FIBER
5% CHIPS
30% POWDER**

BENEFITS

Greater water retention
for the area of greater
radiolar development.

INFERIOR BLOCK

**35% FIBER
5% CHIPS
10% POWDER**

BENEFITS

Increased drainage allow-
ing greater oxygenation
and preventing the
development of pests
and diseases.



TOTAL SOLUTION #SoilFree

HFIBERMIX®

OPTIMUM MIX

State-of-the-art development to achieve moisture retention, PH and aeration.

SAVING

Reusable bag, reusable for multiple crops.

HCOCONUT SQUARE COVERHU®

- Prevents weed growth
- Reduces humidity loss
- Keeps the surface temperature stable and helps keep the coconut substrate fresh.

EFFICIENCY

Pre-compacted block that optimizes time and labor efficiency for implementation.

SUSTAINABLE

Renewable, environmentally friendly product.



PLANET
PARTNER

**GARANTÍA
DE HOMOGENEIDAD**

HOMOGENEITY

Consistent substrate ensures an optimal environment for root growth and standardized yields.

ORGANIC

IMO certification for organic use.



For Organic Use

HBASEHU®

60 mm high to prevent rooting and generate optimal drainage. Up to 100 kg of resistance.



SLAB GROWING SYSTEM®

1

FRESH PLANT: Greater climate control, this implies an optimal balance between water and aeration.

2

COMFORTABLE ROOTS: offers a unique combination of water retention, drainage and ideal aeration. This gives the roots plenty of space for comfortable growth.

3

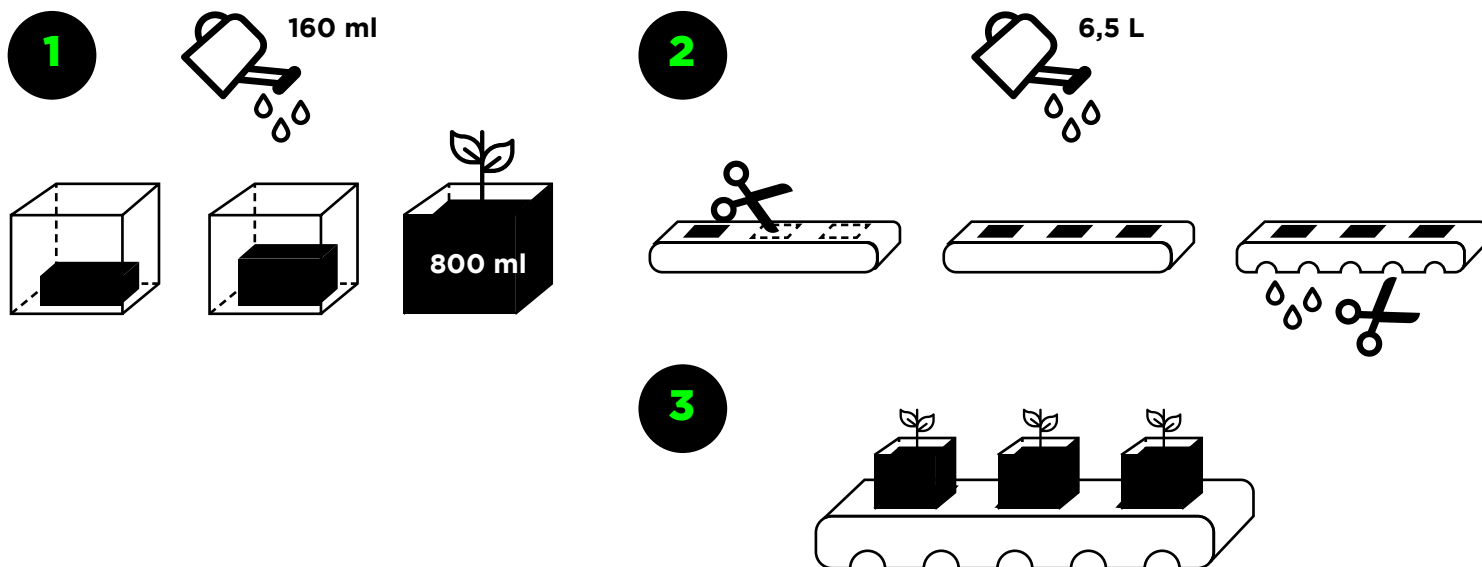
SOIL FREE: Minimises harmful pathogens and the risk of pests as a risk of pests as it is a soilless crop.



LTS	DIMENSIONS (CM)	QUANTITY PER CONTAINER
16	100x20x8	11,000
18	100x15x12	10,500
20	100x20x10	9,000
24	100x20x12	7,500

10 to 40 liter slabs available.

ELECTROCONDUCTIVITY	PH
<0.5 - <2	5.5 - 6.5
LITERS	AERATION%
10-22 L	DE 20 - 30%
PEAT MEASURE	CHIP MEASURE
<0.5 mm	3mm - 10mm



W FIBERMIX[®]

STARTING BLOCK

- 1 Prevents root disturbance and reduces transplant shock.
- 2 Produces stronger and more compact plants.
- 3 High humidity retention that favors the development cycle.



DIMENSIONS	WEIGHT	QUANTITY CTN 40 HQ
4 x 4 x 4 cm	7g - 8g	2,400,000
6 x 6 x 6 cm	20g - 22g	900,000
8 x 8 x 8 cm	50g - 55g	264,000
10 x 10 x 10 cm	65g - 70g	216,000
10 x 10 x 7 cm	60g - 65g	240,000



W FIBERMIX®

XX (ULTRA WASHED CANNABIS GROWIN SYSTEM)

- 1 Coconut is purified with our calcium nitrate solution.
- 2 Excludes soluble particles.
- 3 Removes the residual sodium and potassium complex, together with all the elements that bind easily with the cation exchange of the nucleus.

ULTRA WASHED: consists of proper rinsing of the coconut with clean water. This extensive washing removes soluble particles. Once the process is complete, the coconut is purified with our calcium nitrate solution. This removes the residual sodium and potassium complex in the core, along with all elements that bind readily with the core's cation exchange.





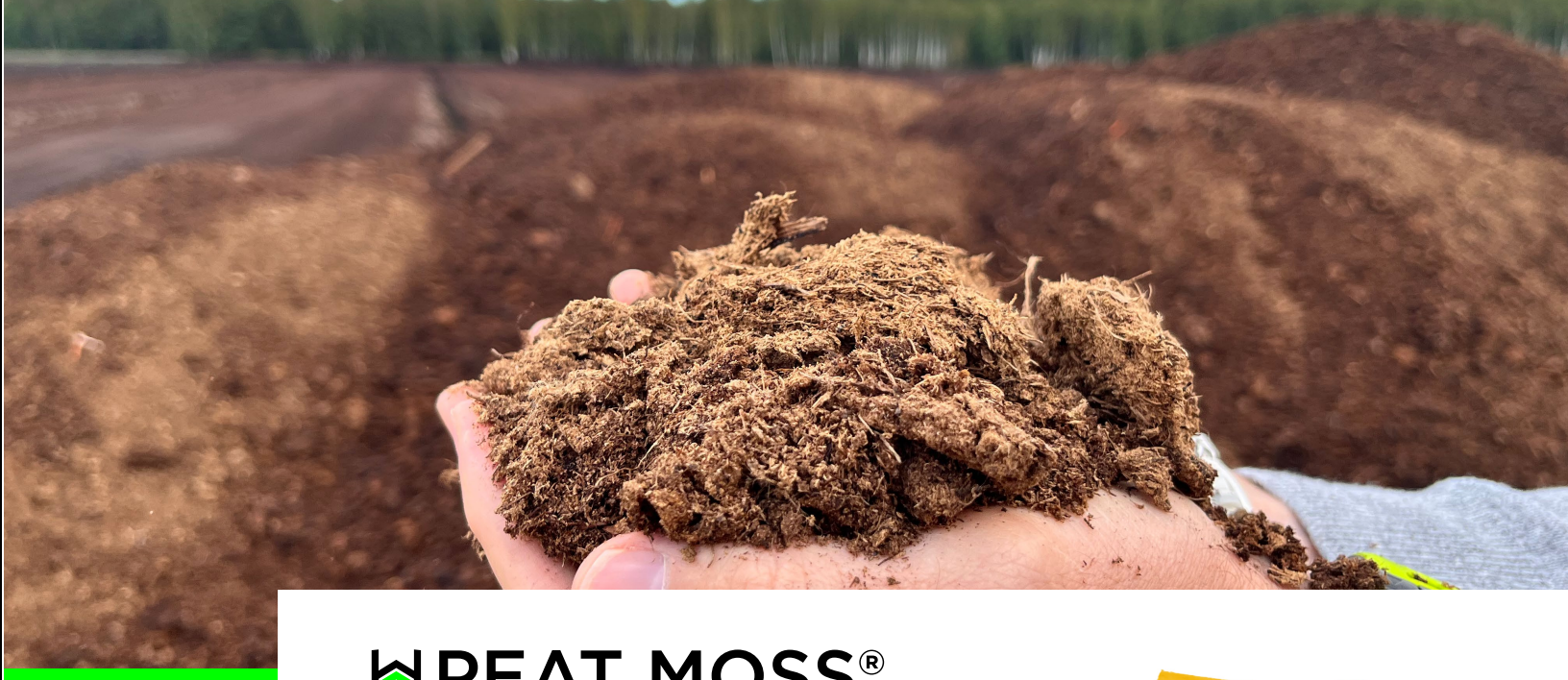
COCONUT DISC COVERHU®

- 1 Prevents weed growth which results in less manpower.
- 2 Prevents weeds from taking nutrients from the plant, the coconut disc is integrated with the substrate.
- 3 Increases production per season.

LITERS		
25	35.5 cm	8 cm
30	38.3 cm	8 cm
40	43.5 cm	8 cm
50	44 cm	8 cm



COMPOSITION: 90% Coconut 10% Latex



PEAT MOSS®

- 1 High water retention capacity.
- 2 Improved oxygenation and rooting of the plant
- 3 Helps nutrient retention, increasing its cation exchange capacity.
- 4 Uniform composition.
- 5 Optimum condition for seedling and young plant development.
- 6 Multiple benefits and nutrients ideal for crops due to its proportion of blond and black peat.



ELEMENT	QNT.
Fraction	0-10mm
pH	5.5-6.5
Decomposition	H1-H4
Density (kg/m ³)	150-200
Water retention capacity (water gr/100gr dry matter)	51.2%
Moisture (gr/100gr fresh substrate)	max. 60%
Organic Matter (gr/100gr dry peat)	>95%
Conductivity (mS/cm)	1.15-1.50
Fertilization (kg/m ² NPK+MICROS)	0.35





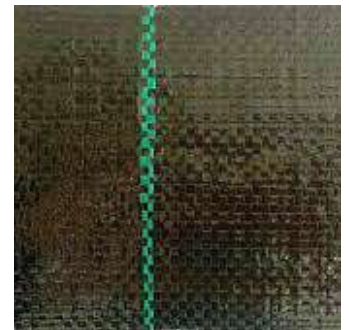
GROUND COVERHU®

- 1 Helps prevent weed and parasite growth.
- 2 Prevents fungal attack.
- 3 Prevents the passage of the sun's rays.

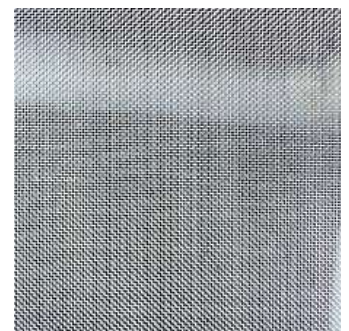
White



Black



Bicolor



DATA INFORMATION	
PRESENTATION	Rols
WIDTH	1.2 -8 mts
LENGTH	70-300 mts
GRAMAGE	100-130 gsm

DIDIHU®

AGTECH • SUBSTRATES

USA +1 (786) 814 0315

MEX +52 668 172 3656

 +52 668 265 6390

in DIDIHU GLOBAL

 @wearedidihu

 sales@wearedidihu.com

wearedidihu.com

