



root pouch

Containers for the Professional Grower



Manufacturers of breathable fabric horticulture containers



Root Pouch - Boxer Line 250g/m²

Synthetic blend of PET • Non-degradable
Very durable • Lasts multiple seasons

Recommended uses:

• **Above ground** • **Pot-in-Pot**

Entrapment pruning prevents roots from penetrating fabric and does not prune by air allowing for **pot-in-pot** use

UV Resistant • BPA Free • Non Toxic

Made from 100% recycled water bottles

Available in sizes #1 to #600 with or without handles

Root Pouch Boxer Line is the most durable non-degradable Root Pouch available.

“Whether using Root Pouch for in-ground or above ground growing, Root Pouch offers the most advanced root pruning technology available”

What are Root Pouch Pots made of?

Root Pouch degradable plant pots are made of PET derived from recycled plastic water bottles.

This material is melted back to a sterile liquid state then spun into fibers. Because the plastic is re-melted it is once again sterile making it a great choice for growing plants for human consumption. Root Pouch does not use new petroleum as some other fabric companies do. So Root Pouch does not contain any toxins and it is BPA free and UV resistant.

What makes Root Pouch Plant Pots a more sustainable choice?

Root Pouch is made from recycled plastic water bottles. These water bottles were destined to end up in landfills. This not only prevents the water bottles from ending up in oceans and the environment, but also eliminates the need to make additional pots or bags that are petroleum based using natural resources.

What makes Root Pouch the best choice for healthier plants?

Root Pouch fabric does not simply hold dirt it provides a healthier root environment.

- The fabric is breathable allowing oxygen to reach the roots.
- The fabric has superior insulation protecting the roots from heat and cold.
- The fabric weave traps the root tips preventing circling and girdling of the roots, encouraging the plant to produce a dense lateral root structure.
- The fabric disperses the sun's rays preventing root tip damage from direct sunlight.



Root Pouch - Black Line 260g/m²

Natural Fiber blend • Semi-degradable
Durable for 4-5 seasons

Recommended use:

• **in-ground*** • **pot-in-pot**** • **above ground*****

in-ground* natural fibers draw water from surrounding soil

pot-in-pot** prevents roots from penetrating fabric because
it prunes by entrapment rather than air pruning

When used **above ground***** roots are still pruned

UV Resistant • BPA Free • Non Toxic

Made from 100% recycled materials, PET & Natural fiber blend

Available in sizes #1 to #600 with or without handles

Root Pouch Black Line - our most durable semi-degradable natural fiber blended fabric.

Why are natural fibers a must for in-ground growing?

The natural fibers will draw water towards the bag from surrounding soil. The natural fibers also absorb and retain the water diminishing the need for supplemental watering. Fabrics without a natural fiber blend cannot do this.

Another advantage of Root Pouch fabric over other fabric bags for in-ground growing is Root Pouch does not air prune as other fabric bags do, rather it prunes by entrapment. Air pruning fabrics allow roots to squeeze through the fabric looking for air. Root Pouch traps the root tips creating a dense fibrous root structure while containing roots in the bag. It is best for in-ground applications.

“Whether using Root Pouch for in-ground or above ground growing, Root Pouch offers the most advanced root pruning technology available”

What other advantages are there to a natural fiber blended fabric?

When using in-ground, the natural fibers draw water towards the bag from surrounding soil. In addition, there is superior thermal capabilities of natural fibers. When used in the ground, pot in pot and also above ground applications, natural fibers help keep the roots warmer in winter and cooler in summer. Providing a more consistent temperature zone evenly around the roots.



Root Pouch - Grey Line 250g/m2

Natural Fiber blend • Semi-degradable
Durable for 3-4 seasons

Recommended use:

• **in-ground*** • **pot-in-pot**** • **above ground*****

in-ground* natural fibers draw water from surrounding soil

pot-in-pot** prevents roots from penetrating fabric because
it prunes by entrapment rather than air pruning

When used **above ground***** roots are still pruned

UV Resistant • BPA Free • Non Toxic

Made from 100% recycled materials, PET & Natural fiber blend

Available in sizes #1 to #600 with or without handles

Root Pouch Grey Line - Specifically designed for in-ground growing it is our most versatile natural fiber blend.

“Whether using Root Pouch for in-ground or above ground growing, Root Pouch offers the most advanced root pruning technology available”

Why are natural fibers a must for in-ground growing?

The natural fibers will draw water towards the bag from surrounding soil. The natural fibers also absorb and retain the water diminishing the need for supplemental watering. Fabrics without a natural fiber blend cannot do this.

Another advantage of Root Pouch fabric over other fabric bags for in-ground growing is Root Pouch does not air prune as other fabric bags do, rather it prunes by entrapment. Air pruning fabrics allow roots to squeeze through the fabric looking for air. Root Pouch traps the root tips creating a dense fibrous root structure while containing roots in the bag. It is best for in-ground applications.

What other advantages are there to a natural fiber blended fabric?

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What makes Root Pouch the best choice for healthier plants?

Root Pouch fabric does not simply hold dirt it provides a healthier root environment.

- The fabric is breathable allowing oxygen to reach the roots.
- The fabric has superior insulation protecting the roots from heat and cold.
- The fabric weave traps the root tips preventing circling and girdling of the roots, encouraging the plant to produce a dense lateral root structure.



Root Pouch - Charcoal Line 150g/m²

Natural Fiber blend - temperature control

Single use - one and done

Semi-degradable 18-24 months

Recommended use:

- Specifically designed for grow rooms

Designed for medical, recreational, or edible grow rooms

Perfect for: Veg - Flower - Young plants

UV Resistant • BPA Free • Non Toxic

Available in sizes #1 squat to #7 gallon, no handles

Root Pouch Charcoal Line - Natural fiber blend - Specifically designed for medicinal grow rooms - hydroponic commercial growing

Why is the charcoal line a favorite for the professional hydroponic grower?

The charcoal line is only 150g/m² making it a lighter more porous fabric than any other available. This specific natural fiber blend offers superior drainage, breathability while allowing a more efficient exchange of gases and helps maintain an aerobic environment. Great for Veg and Flower stages.

What is Root Pouch fabric made of and is it safe?

Root Pouch fabrics are made of PET derived from recycled plastic water bottles. This material is melted back to a sterile liquid state then spun into fibers. Because the plastic is re-melted it is once again sterile making it a great choice for growing plants for human consumption. Root Pouch does not use new petroleum as some other fabric companies do. So, Root Pouch does not contain any toxins and it is BPA free and UV resistant.

What makes Root Pouch Charcoal Pots the best choice for cannabis grows?

The light weight fabric is very economical allowing growers to use as a one and done. This eliminates the possibility of transferring problems from one crop to another. The natural fiber blend makes the charcoal line a semi degradable fabric so in time it leaves a very small carbon foot behind unlike some other fabric and plastic pots.

What makes Root Pouch the best choice for healthier plants?

- The fabric is breathable allowing oxygen to reach the roots.
- The fabric has superior insulation protecting the roots from heat and cold.
- The Charcoal ultra lightweight is our most permeable fabric creating an efficient exchange of liquids, oxygen and gases. In turn, producing a healthier, more vigorous plant.



Root Pouch - Propagation Line 90g/m²

Natural Fiber blend - Thin Black
Single use - one and done
Semi-degradable 12-18 months

Recommended use:

- Grow rooms • Young plants

Bag forms square bottom - turn inside out for round bottom
Perfect for: Seedlings - Clones - Veg - Young plants
Ideal for shift ups, plant directly, no plant shock
Made from 100% non toxic recycled materials
Available in sizes 1 pint to #3 no handles

Root Pouch Propagation Line - Natural fiber blend. Our thinnest fabric designed for young plants, greenhouse and grow rooms.

What makes this thin fabric best for young plants?

This fabric available in sizes from 1 pint to 3 gallons are ideal for young tender root systems. They fit nicely into trays and the fabric is very porous. They work great for shift ups. Originally designed for young citrus and avocado trees they have become a favorite for all young plants such as clones and teens.

Young plants can be planted directly into next shift up size pot fabric will degrade in 12-18 months once soil is on both sides of the fabric.

What are Root Pouch Pots made of?

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- The fabric weave traps the root tips preventing circling and girdling of the roots, encouraging the plant to produce a dense lateral root structure.



Root Pouch - Fabric Wrap 150g/m²

Natural Fiber blend - Semi-degradable light weight fabric
protects root balls for seasons not months

Recommended use:

- Alternative to burlap

Breathable - Absorbent - Easy to water
Protects from sun - heat - cold

Perfect for: B&B and wire basket inserts

UV Resistant • BPA Free • Non Toxic
Stronger than burlap- Absorbs moisture rather
than shedding off
Available in squares and inserts

What is the difference of Root Pouch b&b fabric vs traditional burlap?

Burlap has been around since the 17th century and is still an adequate economical way to wrap a root ball for very short periods of time providing great care is given to watering and protection from the elements.

Our Root Pouch b&b fabric wraps act as a protective membrane around the root ball and are strong enough to last well into the next season. It is breathable, absorbent and will allow water to reach the root ball and not shed off as with burlap. It will protect the root ball from heat exposure, direct sun damage to root tips and even protect the roots from winter cold.

What is the Root Pouch b&b fabric?

Root Pouch has developed a strong lightweight 150g/m² natural fiber blend as a root wrap for trees and shrubs. It's advantages are especially noticed after trees are being held longer than 3-4 months. Growers typically are anticipating the trees will be purchased and transplanted, but when this is not the case, the dug tree can live a long and healthy life in the Root Pouch b&b fabric.

What are the benefits of using the Root Pouch b&b fabric?

Normally field digging is limited to spring and fall, during this time growers face the challenge of anticipating which and how many units they should dig and project how many will sell. Always trying to project sales any unsold dug trees have to go through summer heat or winter cold and this makes holding the trees more than just difficult.

An advantage to this fabric versus burlap is watering the trees. Overheads work great with this fabric, water that hits the outside of burlap sheds off whereas the natural fibers in the fabric absorb the water allowing it to reach the root ball.

Growers can now with confidence harvest trees, ball and Root Pouch them knowing that with proper maintenance they can be held in a healthy viable condition for seasons not just months.

Inground growing



Above ground growing



Greenhouse



Grow room





Boxer Line 250g/m²
Above ground - Pot in pot

Black Line 260g/m²
Natural Fiber
Above ground - Pot in pot - Inground

Grey Line 250g/m²
Natural Fiber
Above ground - Pot in pot - Inground

Container Sizes		Dimensions	
Size	Liter	Inches	Centimeters
#1	3.8	6w x 7 1/2h	15w x 19h
#2	8	8 1/2w x 8 1/2h	21w x 21h
#3	12	10w x 8 1/2h	25 1/2w x 21 1/2h
#5	16	11w x 10 1/4h	28w x 26h
#6	22	11 1/2w x 14h	29w x 36h
#7	30	14w x 11 3/4h	35w x 30h
#10	39	16w x 12h	40w x 30h
#12	45	15w x 15 3/4h	38w x 40h
#15	56	17w x 15h	43w x 38h
#20	78	19 7/8w x 15 7/8h	50w x 40h
#25	95	21w x 16.5h	53w x 42h
#30	113	24w x 16.5h	61w x 42h
#35	127	23 1/2w x 17 7/8h	60w x 45h
#45	170	27w x 18h	68 1/2w x 45 1/2h
#65	246	32w x 18h	81w x 45 1/2h
#100	378	38w x 20h	96 1/2w x 51h
#150	567	45w x 22h	114w x 56h
#200	757	50w x 24h	127w x 61h
#250	946	55w x 24h	140w x 61h
#300	1135	60w x 24h	152 1/2w x 61h
#400	1514	70w x 24h	178w x 61h
#500	1892	80w x 24h	203w x 61h
#600	2271	90w x 24h	229w x 61h



Thin Black Line 90g/m²

Natural Fiber

Grow rooms - Young plants

Container Sizes		Dimensions	
Size	Liter	Inches	Centimeters
#1 pt	0.45	3w x 5h	7w x 12h
#1 qt	1	4w x 5h	10w x 13h
#1.5 qt	1.6	5w x 5h	13w x 13h
#2 qt	2	5w x 6h	13w x 15h
#3 qt	2.3	6w 5h	15w x 13h
#1	3.8	6w x 7 1/2h	15w x 19h
#2	8	8 1/2w x 8 1/2h	21w x 21h
#3	2.3	10w x 8 1/2h	25 1/2w x 21 1/2h

Charcoal Line 150g/m²

Natural fiber

Grow rooms - Propagation



Container Sizes		Dimensions	
Size	Liter	Inches	Centimeters
#1	3.8	6w x 7 1/2h	15w x 19h
#2	8	8 1/2w x 8 1/2h	21w x 21h
#3	12	10w x 8 1/2h	25 1/2w x 21 1/2h
#5	16	11w x 10 1/4h	28w x 26h
#7	30	14w x 11 3/4h	35w x 30h



Oregon, USA

info@rootpouch.com

800.801.2053



Hillsboro, Oregon USA warehouse. Most orders ship next day.

What are other Professional Growers saying?

"Root Pouch fabric containers produce improved root systems. After several years of testing, I am convinced that they are the best containers for producing exceptionally vigorous, healthy liners."

Gordy Webster – Container production – J. Frank Schmidt & Son Co.



"The superior drainage and breathable fabric of a Root pouch allows a more efficient exchange of these gases and helps maintain that aerobic environment. Which in turn produces a healthier, more vigorous plant"

Cody Anderson - GM of Cultivation – CLOUD COVER



"Root pouch is a progressive quality product that performs as it claims. I believe Root Pouch will one day become the norm just like how the plastic container replaced the metal can."

Daniel Jackson – Bailey Nurseries



"Root Pouches have been such a success in our grow! They are the ideal container for excellent drainage and preventing root binding, plus they are lightweight using eco-friendly materials"

Chloe Cowles – Manager of Cultivation Operations – Caliva Cannabis



"We find with Root Pouch we can produce a finished tree faster. We gain a quarter inch to a half inch in caliper each season because of the breathable self-pruning pouch. Root pouch fabric allows us to winter over just like they are in the can yard and we have never lost a tree!"

Michael LePorte – Owner – Owl Run Nursery - Virginia



"Pretty awesome roots in my opinion!"

Phillip Steele – Owner Black Bridge Nursery – New Zealand



Growing Inground?



AIR PRUNING IS NOT THE BEST OPTION

**ROOT POUCH
IS ALWAYS THE
BEST OPTION**



Oregon, USA

info@rootpouch.com

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- Root Pouch fabric pots prune by entrapment NOT air pruning
- Only Root Pouch offers natural fiber blends
- Best for inground applications
- Natural fibers draw water toward pots from surrounding soil