



A Hydro-  
phonic Cultiva-  
tion bag, commonly  
known as a Grow Bag is a

plastic bag filled with a growing medium and used for grow-  
ing plants. The common growing medium used is based on  
soilless organic material such as peat, coir, composted green waste,  
composted bark or composted wood chips, or a mixture of these. This  
growing system is quite versatile as it allows easy storage in green  
houses, poly tunnels for mass scale cultivation or even backyard basic  
cultivation of almost any product. Further it is the preferred medium  
where easy fertilising and watering can be undertaken with ease and  
almost zero wastage. Grow bags have proved to be a high yield  
growing technology that has been followed widely throughout the  
world.



**POLYDIME** has been associated with the  
plastics industry since 1998 producing  
Polythene in roll, bag and pouch form,  
Alkathene and drip irrigation pipes,  
multilayer lamination films and  
pouches. We take pride in being  
one of the sought after names  
in the plastics packaging  
industry in Sri Lanka &  
Internationally.

**GROW BAGS**



A grow bag in any destination is exposed to  
serious UV, heat and moisture stress. In regular  
Polymer matrixes there is a weakening of the Polymer  
bonds which bring about rapid degradation when exposed  
to these rigours of the environment. As such it is important that  
special emphasis is paid towards the right Polymer blend that goes  
into a grow bag. Shown here is a perfect example of a non UV treated bag  
vs a fully treated bag.

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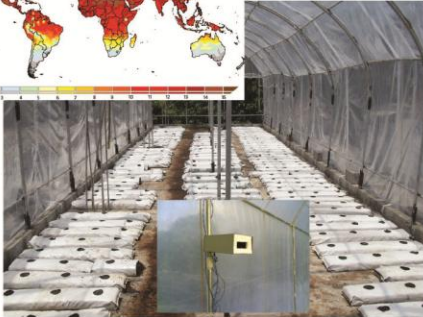
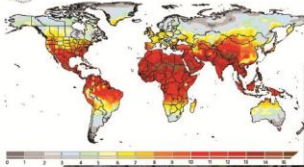
Hotline  
**0777306412**



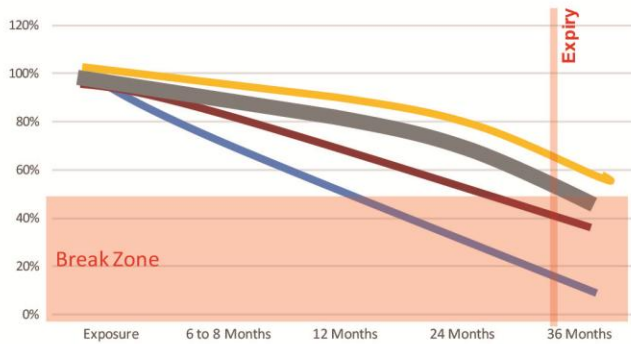
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# Innovation Center

Polydime, over the past 15 years have invested in an R&D centre that makes bags in line with actual weathering mimicking a customers exposure zone in a green house. Every single bag that would leave our factory is released based on this data findings backed with research done over a period of 15 years.



# Research Promise



Sample References Tested	Exposure	6 to 8 Months	12 Months	24 Months	36 Months
Control Sample	100%	75%	55%	35%	15%
Basic Mix	100%	90%	75%	60%	45%
Approved Mix Supplied	100%	92%	85%	74%	52%
Improved Mix (Cost In-effective)	100%	95%	90%	80%	60%



Internal Studies based on the Methodology adapted by Published study by Kahn & Hameed.

# Process

Extrusion



Printing



Bag Making



# Quality

Quality is one of our key focusses. Armed with ISO 9001:2008 quality certification, all processes in the factory is documented and governed by a quality culture that is embedded deep in our values.

