

**Datasheet Growsafe and BioGrowsafe plant protector
plant protector against animals, sun, too hard winds, sand storms
part of the Groasis Ecological Water Saving Technology**



Re-usable Growsafe plant protector - any length – any diameter



Biodegradable BioGrowsafe plant protector – any length – not any diameter



Simply to make from a sheet – low transport costs



A clever lock connects the tubes – the long telescope gives protection against deer, goats, sheep, etc.



Simply to make from a pre-glued folded tube – low transport costs



A clever lock connects the tubes - the long telescope gives protection against deer, goats, sheep, etc.



Protects with the re-usable Waterboxx® plant cocoon



Protects in combination with the biodegradable Growboxx® plant cocoon



Protects without the Waterboxx® plant cocoon



Growsafe - consumer carton small package per 50 – or 5,800 per pallet / or 11,600 per pallet / or packed without consumer carton small package 15,200 pieces per pallet



Influence of the Growsafe plant protector on the growth speed:

Ghaf trees (*Prosopis cinerea*) planted in the same day June 14 - 2015 in Dubai – one with and one without Growsafe. The length differs already over 200% within 6 weeks photo taken August 1 – 2015

Growsafe plant protector

Standard part	Sheet
Color of sheet	Standard colour is green
Color of sheet on demand	Other colours with minimum order of 30,000 pcs
Size	Thickness 0.051 x width 295 x height 490 mm (0.02 x 11.6 x 19.3 “) Diameter 85 mm (3.3”)
Material	Virgin polypropylene
Additives	UV protection – anti-oxidants
Quality standard	UV protection according to standards BASF and CIBA
Temperature resistance	Between - 40°C to + 80°C (-40°F to +176°F)
Sheets per consumer carton small package	50 pcs
Cartons packed per half - whole pallet	5,800 pcs - 11,600 pcs
Sheets per pallet - loose packed	15,200 pcs



Functionality	Protects against animals, sun, wind, radiation, frost
Expected lifetime	3 to 5 years

BioGrowsafe plant protector

Standard part	Tube
Color of tube	Standard outside colour is brownish-grey – inside white
Color of tube on demand	Other colours with minimum order of 30,000 pcs
Size	Thickness 1 mm – folded tube – height 400 mm (0.04”x 15.75”) Diameter 70 mm (2.75”)
Material	Carton
Additives	None
Quality standard	Recycled paper
Temperature resistance	Between - 40°C to + 80°C (-40°F to +176°F)
BioGrowsafes bundled per	25 pcs
BioGrowsafes per pallet	6,750 pcs
Functionality	Protects against animals, sun, wind, radiation, frost
Expected lifetime	2 to 3 years

Website	http://www.groasis.com/en/technology/the-groasis-BioGrowsafe-telescoprotexx-plant-protector-helps-your-plants-grow-faster-and-safer
YouTube channel tree planting	https://www.youtube.com/user/Groasiswaterboxx
YouTube channel vegetables planting	https://www.youtube.com/user/Groasisvegetables

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