

RAIN GARDEN MIX

Our Rain Garden Mix has been developed for use in minimising stormwater run-off in urban areas of Auckland and other regions. Its blend of organic compost, quality sand and loam topsoil, is specially designed to absorb water readily whilst allowing for a slower release of that water, reducing the possibility of overflow onto footpaths and roads. Pretty clever.

It's been approved by those nice people at Auckland Council as meeting standards, under ARC standard TP10, for use as the soil media in Council Rain Gardens. For enquiries email ppsales@livingearth.co.nz.

PRODUCT SPECIFICATIONS

Saturated Hydraulic Conductivity (Infiltration rate)	100 - 300mm/hour
Particle Size	
< 25mm	100%
< 10mm	90-100%
Total Water Holding Capacity	≥ 50%
Moisture	30% to 50%
pH Range	5.5 - 7.5
Electrical Conductivity	< 2.5 dS/m
Magnesium	40kg/ha min
Phosphorus (P ₂ O ₅)	80kg/ha min
Potassium (K ₂ O)	95kg/ha min
Seed Germination score (out of 7)	≥ 6
Total Copper mg/kg	80
Total Zinc mg/kg	200
* Analysed in a 1:1.5 water extraction	

HANDLING PROCEDURE

When handling larger volumes of Rain Garden Mix, ensure stockpiles are covered to give protection against weather conditions. Do not drive over stockpiles; this will compact the mix and crush your hopes and dreams. Follow Application for placement - do not over compact!

INGREDIENTS

- ✓ Living Earth Compost
- ✓ Sand
- ✓ Quality Loam Topsoil



COMPOST BASED



REVIVES SOIL

APPLICATION

Place in lifts of 300 - 400mm and loosely compact (tamped lightly with a backhoe bucket). Dig each hole twice as wide as the plant plug and deep enough to keep the crown of the young plant level with the existing grade. Fill the hole and firmly tamp around the roots to avoid air pockets.

RECOMMENDED USE

Rain Garden Mix will maintain healthy plant growth, retain contaminants and reduce flow to the storm water system. Suggested planting lists are provided in the ARC TP10 Stormwater Management Gardens: Design Guidelines Manual 2003. Although the selected plant species are suitable for bioretention, not all plants will be suitable for all sites, and the advice of a specialist should be sought wherever possible. Apply mulch to a depth of 75mm to assist in maintaining soil moisture and to avoid surface sealing, which reduces permeability.

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