



SUMMARY TRIAL REPORT

The Use of TerraCottem[®] Universal in Roof Gardens

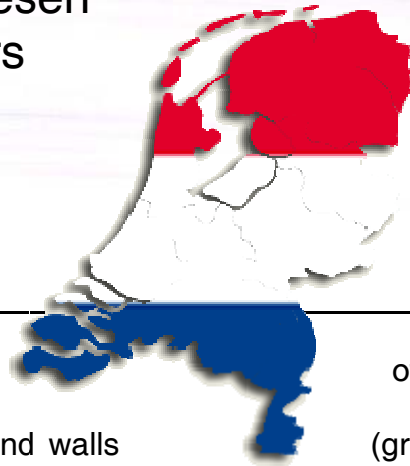
Smilde, Drenthe, The Netherlands

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A roof garden is generally a garden in an unusual place, with limited access where plants are devoid of a nourishing soil. The plants on roofs, balconies (pots) and walls (green walls) are often confronted with a low volume of substrate that needs a substantial amount of input of water and nutrients.

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By incorporating the TerraCottem[®] soil conditioner into the growing media, plant growth is improved as well as the substrate's water and nutrient holding capacity which increase plant survival rate and help maintain healthy looking plants.

✓ **Rate**

- 100 gram per m², or
- 500 grammes per m³ substrate incorporated off-site

✓ **Application Methods**

1. Spread TerraCottem[®] Universal (=TCU) onto topsoil at recommended rate with a fertilizer spreader (preferably drop type) or mix off-site with growing medium and apply this to surface
2. On same day incorporate TCU into the root zone to a depth of 20 cm/8 inches with a rotary hoe or similar
3. Firm soil
4. Prepare soil for seeding or planting
5. Seed or place sods, plant flowers and shrubs
6. Water thoroughly.

→ Application in Smilde, Drenthe, The Netherlands



Start date: March 2004 (planting)
Left: Summer 2004

Some of the plant species used:

Buxus sempervirens,
Viburnum, *Pieris japonica,*
Hydrangea quercifolia,
Hydrangea paniculata,
Hydrangea 'Annabel' ,
Taxus baccata,
Heuchera micrantha
'PalacePurple',
Penisetum,
Wisteria sinensis



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