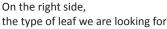
Cultivation results of selected sporeless leather leaf

Jean Marie Veauvy, Maria Cristina Duchêne Veauvy clonagri@clonagri.com

ClonAgri Laboratory and Nursery www.clonagri.com Cx.P. 72 13.160-000 Artur Nogueira-SP, Brazil

In 2001 ClonAgri initiates firsts attempts to propagate leather leaf by meristem, a spore free material, selected among several types of leather leaf from a plantation in Brazil. There are some years, we have been providing tracked foliage for growers with traced, healthy, and productive young plants.









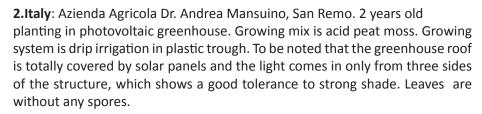


Ready rhizome used for inoculation

Growing phase in laboratory

RESULTS

1.Brazil: Ricardo de Angelis Marinheiro, agronomist engineer and consultant (ri.ang@terra.com.br), grower specialized in organic farming, in São Carlos-SP. Culture conditions: Soil 100% sand, under 70% shade and micro sprinkler irrigation. Very low air humidity (10-20%) during winter months, some few nights between - 2 °C to + 8°C; density: 4 young plants per square meter. First harvest: 10 months after plantation, 2 stems /m2/month; with 12 months, 4 stems/ sq meter/month; with 24 months, 6,6 leaves / sq meter/ month. Stems are 40 to 70 centimeters long. Leaves in different places of Brazil are without any spores.



3.Costa Rica: Guillermo Murillo Segura, agronomist engineer and floriculture consultant (guimanaa@ice.co.cr). The growing way of young plants and the size of harvested stems are excellent. Despite the material shows spores, the quantity is very lower in comparison of traditional material; this represents an alternative to supply the market. The leaves coloration upon 60% shade is perfect, and the stem shows a very good symmetry.







