

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.



Traditional cultivated plant



Ready rhizome used for inoculation

On the right side, the type of leaf we are looking for



Growing phase in laboratory

RESULTS

1.Brazil: Ricardo de Angelis Marinho, 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.



2.Italy: Azienda Agricola Dr. Andrea Mansuino, San Remo. 2 years old planting in photovoltaic greenhouse. Growing mix is acid peat moss. Growing system is drip irrigation in plastic trough. To be noted that the greenhouse roof is totally covered by solar panels and the light comes in only from three sides of the structure, which shows a good tolerance to strong shade. Leaves are without any spores.



2



3