

Coffea arabica

Cultivation manual — young plants from seed

- Bushy and compact coffee plant
- Decorative shiny bright green foliage
- Interesting plant with a great story to tell



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Pot culture

Culture location:	Greenhouse
Culture season:	Year round
Average young plant production time:	12 - 14 weeks
Recommended pot sizes:	
Coffea arabica:	6 to 12 cm pots
Plugs per pot:	
6 to 12 cm pot:	1 plug
Plant density:	
6 cm pot:	200 pots per m ²
12 cm pot:	30 pots per m ²
Crop time from plug to finished product:	
12 cm pots:	12 to 14 weeks
Pests/diseases:	
Scale insects, mealy bugs, aphids and spider mites may occur. The crop normally gives little concern, but when there is an imbalance in watering, root diseases may develop.	

Pot culture



Soil/media:

Use a loamy, well-drained, slightly acidic alkaline soil mix, with a pH of 5.4 to 5.8 and an EC of (1:1.5) 0.6 to 0.9 mS/cm.



Moisture:

The plants require both regular and ample watering. The soil should stay evenly moist but not waterlogged. Watering with ebb/flow floors or sub-irrigation is preferred. A relative humidity level of 75 to 90% is ideal.



Temperature:

Ideal cultivation temperatures are between 18 and 22°C. Keep temperatures above 15°C to avoid the leaves from turning yellow.



Light:

Start screening at 350 watt, with LS 15 or 16. Apply chalk at 450 watt from mid spring to the end of summer to keep the RH in the greenhouse on track.



Fertilization:

EC target value in the pot: (1:1.5) 0.6 to 0.9 mS/cm. Set EC release at 1,6 to 1.8 and pH at 5.8. For extra shiny leaves you can spray with a urea-containing fertilizer or a seaweed extract. Especially in winter when the plant receives little water, the leaves quickly become dull.

Cultivation tips:

Notes:

The information shown here is intended as a general guide only and should not be seen as an instruction for growing. Details are based on Western European climate conditions unless specifically stated otherwise. Growers are strongly advised to conduct their own trials under local conditions. Evanthia cannot accept liability for any damage or losses resulting from use of this information. Use of any chemicals referred to should be only according to the manufacturer's instructions and local regulations.