



# **INTRODUCTION TO MEDICINAL CANNABIS CULTIVATION**

2<sup>nd</sup> Edition

VIP EXECUTIVE ART'S HOTEL

**Lisbon, 14 of October 2022**

**TRAINER:**

Natália Lopez



**Lisbon, 14 of October 2022**

**PLACE: VIP EXECUTIVE ART'S HOTEL**

**TRAINER:** Natália Lopez

**Price:** 645,00 € + IVA

The price includes: Presentation slides, Participation Certificate, Lunch, Coffee break, and Parking

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## TRAINER

### **Natália Lopez**

Cannabis Cultivation  
Consultant Freelancer

Natalia has extensive experience designing commercial grows, developing production plans, training staff in practical cannabis horticulture, planning R&D trials and managing all aspects of large-scale cultivation sites.

She holds a master's in Brain, Behaviour and Cognition, a diploma in horticulture and has recently finished a second master's in Sustainable Food and Natural Resources.

Her thesis investigated the effects of different bio stimulants on the yields of greenhouse grown cannabis in optimal and water deficit conditions.

# INTRODUCTION TO MEDICINAL CANNABIS CULTIVATION



**TRAINING COURSE DIRECTOR:** Aldo Vidinha

## **FRAMEWORK:**

### Target Audience

This course is aimed for medical Cannabis industry professionals in Europe, specifically, those who are directly involved in plant cultivation but also those who wish to complement their role in medical cannabis companies with a comprehensive understanding of the process of commercial cultivation.

# INTRODUCTION TO MEDICINAL CANNABIS CULTIVATION



## **TRAINING OBJECTIVES:**

The purpose of this course is to provide an introduction to the theory and practice of cultivating cannabis from “seed to harvest,” that is, from an initial starting material of seeds or clones, until a finished dry and cured product.

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## METHODOLOGY

PEDAGOGICAL MODEL:  
Theoretical and Practical Presentation

### Language:

English\*

\* The trainer speaks Spanish fluently. This may help to clarify doubts during the course.

### DURATION

8 Hours

**TIME:** 9h00-13h00 e 14h30-18h30 (8h)

**N° OF PARTICIPANTS:** 20

# INTRODUCTION TO MEDICINAL CANNABIS CULTIVATION



## PROGRAM:

**October, 14**

9h00: Reception of Participants

9h15: Opening Session: Aldo Vidinha/ Ângela Rodrigues

9h30: Natália Lopez

### Section 1 :Cannabis 101 - Introduction to Cannabis Horticulture Fundamentals

- Cannabis botany - genetics, anatomy, cannabinoids, and terpenes.
- Plant Cultivation Techniques (outdoor, indoor, greenhouse).
- Grow Media - Rockwool, Coco, Soil.
- Light, CO2 and Nutrients
- Grow Room Design - ventilation, lighting, hydroponics, CO2 supplementation, plant density.
- GACP vs GMP

### Section 2: Cannabis Propagation

- Seeds
- Cloning
- Micropropagation
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11h00: Coffee Break

# INTRODUCTION TO MEDICINAL CANNABIS CULTIVATION



## **PROGRAM: October, 14**

11h30: Natália Lopez

### Section 3: Understanding the Vegetative Cycle

- Anatomy and Physiology of Vegetative Cannabis
- Vegetative Plant Requirements - Light, CO2, Nutrients
- Common Challenges during the Vegetative Cycle - Reducing and Managing Risk
- Maximising Yields

### Section 4: Understanding the Flowering Cycle

- Anatomy and Physiology of Flowering Cannabis
- Flowering Plant Requirements - Light, CO2, Nutrients
- Common Challenges during the Flowering Stage - Reducing and Managing Risk
- Maximising Yields

13h00: Lunch Break

# INTRODUCTION TO MEDICINAL CANNABIS CULTIVATION



## SCHEDULE:

**October, 14**

14h30: Natália Lopez

### Section 5: Nutrient Management and Troubleshooting

- Understanding pH and EC
- Fertigation Techniques
- Essential Nutrients for Optimised Growth
- Troubleshooting Nutrient Disorders
- Leachate Monitoring
- Leaf Tissue Analysis
- Essential Equipment

### Section 6: Integrated Pest Management for Cannabis Pests and Diseases

- Introduction to most common Cannabis Pests
- Positively identifying pests
- Introduction to most common Cannabis Diseases
- Positively identifying disease
- Approved Products for Cannabis IPM - curative action
- Structuring an effective IPM programme - crop monitoring and preventative action
- Understanding and Minimising Risk
- Essential Equipment

16h00: Coffee Break

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## SCHEDULE:

**October, 14**

16h30: Natália Lopez

### Section 7: Cannabis Plant Harvest

- Understanding Plant Ripening Phase
- Cannabis Harvest Indicators - in process testing
- Harvest Techniques
- Understanding and Minimising Risk During Plant Harvest
- Post-harvest processing
- Essential Equipment

### Section 8: Drying and Curing Cannabis

- Introduction to the drying and curing process
- In process controls for a consistent end product
- Environmental monitoring
- Assessing the impact of the drying and curing process
- Essential Equipment

### Section 9: Summary and Q&A

- Recommended Educational Resources
- Future Training Opportunities

18h00: Closing Session: Aldo Vidinha/ Ângela Rodrigues

# INTRODUCTION TO MEDICINAL CANNABIS CULTIVATION



## 1<sup>st</sup> EDITION: TRAINEES FEEDBACK

“Excellent organization , very clear and understanding of what is a complex topic”

*Agrify*

“It was an amazing training session, very well mastered by the trainer. It fits the purpose perfectly: Get general cannabis cultivation knowledge.”

*CannaCanna*

“The course was very good. Great trainer with deep knowledge and experience in the area. Very useful for jobs related to the cultivation of medicinal cannabis.”

*Clarion Cannabis*

“A stepwise approach to create access to a highly regulated industry.”

*AG Feio Trading*





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**REGISTRATIONS HERE**