

PRO MANAGER MASTERCOURSE MEDICINAL CANNABIS

CREATED BY



An unprecedented JOURNEY for key players in MEDICINAL CANNABIS

Time has come for both worlds to team up!
The Netherlands is the worldwide leader in
horticulture while production of medicinal
cannabis is becoming a fast-growing
(legalised) horticultural subsector
in many countries.

Time has come for both worlds to team up!

Program

For two weeks, participants will get acquainted with international horticulture today, what is in store for the industry tomorrow and meet with peers from around the globe. This Mastercourse offers expert insights into the current state of the industry that participants work in and what the future will have to offer. In addition, this Mastercourse brings participants in contact with the current leaders of the Dutch horticultural sector.

Each day a relevant subject will be tackled by board members and their companies' specialists of two horticultural companies. Furthermore, field visits to leading horticultural producers are part of the program and relate to the topics being discussed. The first week will focus on a wide range of subjects directly related to greenhouse production. The second week will focus on the future outlook of the medicinal cannabis industry. That same week, the group will visit the GreenTech international trade fair and the prestigious GreenTech Summit.

Additional Information

Check www.jungletalks.com for more information about Jungle Talks and our Pro Manager Mastercourses or contact Ed Smit directly: ed@jungletalks.com / +506 88418125.

A group of (future) leaders of medicinal cannabis production companies from around the globe has been selected and will participate in our two-week Pro Manager Mastercourse Medicinal Cannabis in the Netherlands. Building on our existing Pro Manager Mastercourses Floriculture and Vegetables, we will now focus on medicinal crops.

Partners





PROGRAM WEEK 1 Focus on HORTICULTURE

Sunday, June 2:

Participant arrival – To the beach!

Depending on your time of arrival in Amsterdam, participants can either go to the hotel first or head directly to the beach. We will organize various optional activities such as kitesurfing and sea kayaking. In the early evening there will be dinner on the beach including a yoga / meditation session! For those who prefer to relax, our hotel is very comfortable: **Hotel Van der Valk - Nootdorp**

Monday, June 3: Past-present-future

The Mastercourse kick-off takes place in the Westland Museum, illustrating the roots of this 'garden of Europe'. One of our mantras is: 'You have to be connected to your roots before you can define your growth (your future)'. We will get to know each other stepping into the present of the World Horti Centre. Havecon will focus on today's reality, production of medicinal cannabis in greenhouses. And finally, an extensive reality check of where we stand, including entrepreneurs, politicians and others involved in medicinal cannabis will open up our minds. Dinner brings us back to (plastic) greenhouses, hosted by Van der Heide Greenhouses.

Havecon is a flexible and customer-minded organization with a lot of experience in the field of development, construction, and the complete realization of turn-key horticultural projects.

World Horti Center is the global knowledge and innovation center for international greenhouse horticulture. The center offers educational, research, and presentation services.

Nature Can Do promotes the legal production of medicinal cannabis in the Netherlands. An open dialogue in the Netherlands about the future of this promising horticultural crop. And that is just what will happen today!

- 08.30** Depart hotel
- 09.00 **Museum Westland**
- 09.00 Kick off (Ed Smit & Gillis Gelissen)
- 09.15 Museum tour 'The significance of your roots' (Ed Smit)
- 10.30 Participant presentations, 5 min. each
- 12.00 Departure
- 12.15 World Horti Center and Havecon**
- 12.15 Lunch
- 13.00 Havecon intro (Henk Verbakel / CEO)
- 13.15 "The perfect start" workshop (Adnan Tunović, Head of R&BD)
- 15.00 Reality check: where do we stand and where will medicinal cannabis go?**
- 15.00 The actual status of The Netherlands (Kees Valstar / CEO Nature Can Do)
- 15.20 Q&A with Mastercourse participants
- 16.00 Discussion
- 17.00 Cocktail
- 18.00** Dinner at **Hotel van der Valk - Nootdorp**

Tuesday, June 4: Focus on mechanization / automation – Everything under control!

The acreage of greenhouses is increasing but how will all these new greenhouses be managed? There is already a shortage in growers today.

Assisted by data, growers can increase their span of control and improve quantity and quality. But just data won't do the job. If you want to be competitive, complete moveable cultivation, irrigation, growing systems and gutters are required to create optimal output. Codema and Meteor will share with us how to make that happen.

By building essential, custom-made horticulture solutions, **Codema** solves most of your issues. Codema increases your operating efficiency by applying our extensive experience in the six essential disciplines: water management, climate control, engineering & construction, cultivation systems, power & lighting, and software & web solutions.

Meteor Systems produces steel gutters, moveable growing systems, drip irrigation systems, fastening materials, suspension and support systems, hydroponic floating rafts, vertical farming and fruit covers for businesses that aim to achieve optimum growth and maximum yield.

- 08.00** Depart hotel
- 08.30 Codema Systems in Tomatoworld**
- 08.30 Welcome & intro Codema in Cannabis (CEO Gideon de Jager)
- 09.00 Interactive workshop (Lars Meijer)
- 10.00 Tour Tomatoworld
- 10.45 Departure for **Perry van der Haak**
- 11.00 Visit van der Haak (pelargonium)
- 12.00 Lunch at Waterski Cable Park & departure
- 14.00 Meteor Systems**
- 14.00 Welcome Meteor (CCO Peter Lexmond)
- 14.30 Company tour (Laura Rastovac)
- 15.30 Workshop on "The ideal cultivation system"
- 16.00 Field visit VW Maxburg /John Vermeiren (tomatoes, Meer, Belgium)
- 18.00 Dinner in Breda, **Beers and Barrels**
- 20.30** Arrival at **Hotel van der Valk - Nootdorp**

Wednesday, June 5: Climate and hygiene are key!

The greenhouse has been set up. Equipment has been installed. It is time for some fine-tuning. Climate control in large size greenhouses is an art. Crop protection as well. It all starts with hygiene and having the right tools to extend your span of control on an operational level. Royal Brinkman and Ridder are key to secure a good start. In addition, we will learn a lot about the future of horticulture, including, for example, autonomous growth.

With a wide range of more than 30,000 products and a specialized team, **Royal Brinkman** offers products and solutions for the professional protected horticulture. Furthermore, Royal Brinkman's online store contains products, knowledge, and advice that is accessible 24/7.

Ridder, a Dutch family-owned company, has been supporting growers for over 65 years with solutions for managing climate, energy, water, and labor control to optimize production processes within the controlled environment agriculture business. Ridder is "helping you grow your way"!

Micothon developed a large program of greenhouse sprayers to control major plagues and diseases in medicinal cannabis.

- 08.00** Check out and depart hotel
- 08.30 Royal Brinkman**
- 08.30 Welcome & Introduction Jan Schuttrups (Commercial Director)
- 09.00 Workshop on Hygiene Management
- 10.15 Coffee break
- 10.45 Workshop on Dehumidification / departure
- 12.15 Ridder**
- 12.15 Lunch
- 13.00 Welcome & Introduction (Joep van den Bosch, Chief Innovation Officer)
- 13.30 Workshop on Climate Control
- 14.30 Company tour & departure
- 16.00 Visit **Duijvestijn Tomaten**
- 17.15 Presentation **Micothon** at Duijvestijn
- 18.30 Dinner in **The Naked Fish**
- 21.00 Hotel Fletcher Doorwerth**

Thursday, June 6: More and better with less

Raw materials, fossil fuels, fertilizers, water, and fertile soil are getting scarce or simply prohibited. How do suppliers deal with that and what are the implications for you? Does it make sense to invest in operational goods and gain knowledge on them when you know they will cease to exist? How can digitalization help your cultivation strategy and reduce raw materials?

During the afternoon, we will pay a visit to the greenhouses of Wageningen University followed by an introduction to Keygene and a presentation of Ofinext. We finalize today's intensive program with a group dinner at 'Hotel De Wereld', where the peace treaty ending WWII in the Netherlands was signed between the Germans and the Dutch.

Klasmann-Deilmann is the leading corporate group in the international substrate industry, with sales and production companies in Europe, Asia, and America. Around the globe, their growing media are the basis for plant growth and for the success of their horticultural partners and customers.

With its intellectual capital, solution-driven approach, and collaborative spirit, **Keygene** works for the future of global agriculture. **Ofinext** produces medicinal cannabis oil in compliance with pharmaceutical regulations.

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| 08.15 | Depart hotel |
| 08.30 | Klasmann - Deilmann |
| 08.30 | Presentation on "More with less & digitalization by Klasmann - Deilmann" Ted Vollebregt (Director BeNeLux) |
| 10.30 | Presentation incubator Startlife |
| 10.45 | Tour Startlife – meeting start-ups |
| 12.15 | Lunch |
| 13.30 | Wageningen University |
| 13.30 | Visit research facilities / greenhouses |
| 15.00 | Keygene |
| 15.00 | Presentation Ofinext (Juriën Koster) |
| 16.00 | The research behind crop innovation with impact (Erik Toussaint) |
| 17.30 | Departure |
| 18.00 | Dinner Hotel De Wereld |
| 20.00 | Arrival at Hotel Fletcher Doorwerth |

Friday, June 7: The essence of resilience

Resilient cropping is the way to go. Prevention instead of cure. Plants need to be made resilient from the very start to protect them against all kinds of future threats. From macro-organisms (cure) to micro-organisms (prevention) marks a huge shift in (biological) crop protection.

Growing medicinal cannabis is pharma, not food. Clean and inert products help to meet GMP/GACP requirements. Quality standards should go hand in hand with precision growing to produce a high quality end product.

Grodan clearly sees that the global production system is under pressure and more sustainable ways of feeding a growing population are needed. The company's growing media solutions enable modern horticulture to increase production while using fewer natural resources.

Koppert Biological Systems contributes to better health of people and the planet. In partnership with nature, Koppert Biological Systems makes agriculture healthier, safer, and more productive. The company provides an integrated system of specialized knowledge and natural, safe solutions that improve crop health, resilience, and production.

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| 07.30 | Check out and depart hotel |
| 08.30 | Grodan (at WUR Bleiswijk) |
| 08.30 | Welcome (Conny Moonen, Marketing Director) |
| 09.00 | Workshop on "Precision growing & quality standards" (Sonny Moerenhout) |
| 10.30 | Tour medicinal cannabis research facility |
| 12.15 | Koppert Biological Systems |
| 12.15 | Lunch |
| 13.00 | Welcome (Erik van Santen) |
| 13.30 | Interactive Workshop on "Turning things upside down... What can you do for us?" (Peter Maes, Marketing Director) |
| 14.30 | Coffee break |
| 14.45 | Koppert's vision on medicinal cannabis |
| 15.15 | Tour Experience Centre (Jenette Douma) |
| 16.15 | Presentation TQM and departure |
| 17.30 | Arrival at Hotel van der Valk - Nootdorp |
| 18.30 | Dinner at hotel |

Saturday, June 8: A week of sustainability in practice

Field visits to leading horticultural producers will provide better insights into what the boundaries of greenhouse production are in 2019 and what can be expected soon. Mprise will be connecting the digital dots today! In the afternoon, we're heading down south, to the town of Valkenburg to be precise.

Ter Laak Orchids is the leading Phalaenopsis producer in the Netherlands and was elected the 'International Grower of the Year 2018'. Ter Laak is also regarded as the most innovative and sustainable horticultural producer.

Mprise Agriware is specialized in the development and implementation of business software for the horticulture and agriculture industry, including :

- Growers of potted plants, ornamentals, bedding, foliage, shrubs, and trees
- Nurseries and propagators of young plants, liners, and seedlings
- Producers of seeds, cuttings, tissue culture (also medicinal cannabis)

Holstein Flowers is the world's leading producer of Gerbera's and has its own breeding facilities. At Holstein, a demonstration will be given by **PATS Drones**, mini drones that eliminate insects simply by flying into them!

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| 08.00 | Check out and depart hotel |
| 08.30 | Mprise at Ter Laak Orchids |
| 08.30 | Introduction Mprise (Arno Hogervorst) |
| 08.45 | Tour Ter Laak Orchids including experience center (Rob de Bruijn) |
| 10.30 | Workshop on "Software for Medicinal Cannabis Production" |
| 12.00 | Lunch |
| 13.00 | Visit Holstein Flowers |
| 13.00 | Company presentation and visit |
| 14.00 | Demonstration PATS Drones (Bram Tijmons) |
| 15.00 | Departure Zuid Limburg (optional) |
| 17.30 | Arrival at Fletcher Hotel Valkenburg |

Sunday, June 9: The place where EVERYTHING started.... PINKPOP!

The weekend of Pentecost. "PINKsteren" in Dutch. The reason why the oldest pop and rock festival in the world is named PINKpop. A very special edition this year as Pinkpop celebrates its 50th anniversary. You'll enjoy performances by The Cure, Lenny Kravitz, and Armin van Buuren, amongst many, many others. In addition, we will stay in a charming little village in the south of the Netherlands, Valkenburg. The very south of the Netherlands is famous for its hills, excellent food, and easy going people.

On Sunday, following the Pinkpop festival, we will stay another night at **Fletcher Hotel Valkenburg**.

Monday, June 10: Today it's up to you!

Today it is up to you to decide what to do. You can stay a full day in the (beautiful) south of the Netherlands and go 'cave biking', relax in the best sauna & wellness spa in the Netherlands, visit the historic city of Maastricht or just wander around in the picturesque village of Valkenburg. You can also travel to Amsterdam or any other place of (your) interest. You can plan your own stay for tonight, but if you need any help, just let us know. Just make sure to be on time on Tuesday morning for our first visit!

We either see you today (tonight) at **Villa Augustus, Dordrecht** or Tuesday morning at 9.30 AM.



PROGRAM WEEK 2 Focus on MEDICINAL CANNABIS

Tuesday, June 11: Connecting horticulture with medicinal cannabis

After a week of focus on horticulture it is time to get back to your daily life: medicinal cannabis! MJ Biz Daily will provide you with an overview of the current situation in Europe, Viscon will inform you why tissue culture will be the future name of the propagation game and finally, the future of cannabis production will be discussed in Bleiswijk (facilities Wageningen University).

MJ Biz Daily focuses on business-to-business news in the cannabis industry. Their daily digital newsletters are published for a global audience.

The **Viscon Group** creates solutions for all handling processes in food, non-food, and agro. The Viscon DNA consists of asking many questions, learning every day, and developing new business in new sectors and markets.

The business unit Greenhouse Horticulture in Bleiswijk manages the research greenhouses of **Wageningen University**. Bleiswijk is the site of the most extensive (public – private) cannabis trials in the Netherlands.

- 09.30 MJ Biz Daily**
- 09.30 Market data Europe (Alfredo Pascual)
- 11.00 Check out of hotel and departure
- 11.30 Viscon Group**
- 11.30 Welcome (Rene Vos, CEO)
- 11.45 Workshop on "The future of tissue culture"
- 12.30 Lunch
- 13.15 Tour Viscon and afterwards, departure
- 15.00 WUR Bleiswijk**
- 15.00 Research project on medicinal cannabis
- 16.00 Discussion on research in medicinal cannabis with Dutch partners
- 17.00 Departure
- 17.30 Arrival at Hotel van der Valk - Schiphol**
- 18.30 Dinner

Wednesday, June 12: GreenTech and GreenTech Summit

Today we will visit the international, horticultural trade fair GreenTech and the GreenTech Summit (both free of charge), but not before we have learned more about our only exception to the rule, the only content supplier with a historic background in medicinal cannabis, not in horticulture: Canna Foundation.

Canna Foundation is a non-profit initiative of Canna España Fertilizantes, a leader in high quality fertilizers. The foundation focuses on studying the active compounds of the cannabis plant and educates the general public. Fundación CANNA offers different analytical tests through their laboratory.

GreenTech is the leading horticultural technology fair in the Netherlands. The organization is very much aware of the fast developments in the medicinal cannabis industry and is determined to make GreenTech the international platform where (medicinal) cannabis and horticulture can team up.

During the **GreenTech Summit**, leading experts come together to get to know each other and to discuss the future of autonomous cultivation.

- 08.30 Canna Foundation**
- 08.30 Welcome (Susan van Brunschot, GM)
- 08.45 Quality control of medicinal cannabis and its derivatives (Iñaki García)
- 10.00 Departure
- 10.30 GreenTech**
- 10.30 Free entrance incl. (optional) workshops:
 - market data
 - compliance
 - connecting horticulture with cannabis
 - new cannabis ventures in Europe
- 16.00 **GreenTech Summit**
- 19.00 Departure
- 19.30 Hotel van der Valk - Schiphol**

Thursday, June 13: GreenTech

During the last day of GreenTech, you can again participate in a number of workshops related to medicinal cannabis. In addition, this is your last chance to expand your network by visiting exhibitors at the fair. Fair visits are usually long and intense, therefore there will be no additional evening/dinner program tonight. We will either bring you back to your hotel or you can make your own arrangements for tonight in the city of Amsterdam where GreenTech is located.

- 09.30 Departure
- 10.00 GreenTech**
- 10.30 Free entrance incl. (optional) workshops:
 - market data
 - legal issues
 - GMP / GACP Indoor vs Greenhouse
 - Business Intelligence, Investment opportunities
- 18.00 Closure GreenTech
- Free evening (hotel or Amsterdam) **Hotel van der Valk - Schiphol**

Friday, June 14: Shining light on the future

Your Pro Manager Mastercourse Medicinal Cannabis is coming to an end. However, we do not say goodbye without looking at the future together. We'll start our day with Hortilux Schreder, a company that literally will shine its lights on your business, now and in the future. We will then continue with Yeald, and discuss in more detail company strategies, future developments, and the impact on your own company. In the evening, we say goodbye enjoying a tasty dinner (with craft beers) at the unique location of **Kompaan Beer Brewery**.

Hortilux Schreder looks at grow light in a different way, putting the client's yield at center stage. For over 40 years, Hortilux has been focused on total solutions for grow light systems (LED, HPS and hybrid) in which advice, design, engineering, installation, and service fit together seamlessly.

Talking about yields. **Yeald** helps its clients to make sound decisions by guiding them to create winning strategies and execute them well. Yeald combines specialized expertise with entrepreneurial vision and a hands-on mind-set with an extensive network. Yeald loves challenges and medicinal cannabis is definitely one such challenge.

- 08.00 Check out** and depart hotel
- 09.00 Hortilux Schreder**
- 09.00 Welcome (Michèl de Wit, Commercial Director)
- 09.15 Interactive workshop at **World Horti Center**
- 11.00 Tour World Horti Center (Erwin Cardol)
- 12.00 Lunch and departure
- 13.30 Yeald**
- 13.30 Welcome (Rob van Leeuwen, CEO)
- 14.00 Break-out session on the future of medicinal cannabis production and company strategies (Roger Gerritsen)
- 15.30 The future of medicinal cannabis (future outlook presented by each participant)
- 17.30 Goodbye dinner at Kompaan Beer**
- 19.30 Closure Pro Manager Mastercourse Medicinal Cannabis**