Blueberry:
- Plant material => quality
- Testing feeding schedules on KICK
- Smoother plant material.
- In vitro against rooted cuttings
- Pot volume discussion, 7.5 - 15 liters
- Diseases control
- Flower mapping
- Substrate
- Production continues to increase, new varieties, collected worldwide increasing production. Through improved quality planting material for an earlier profitable production.

Blueberries

Flower mapping to learn inside of plant/flower and fruit quality
In greenhouse/tunnel test; blueberry only the large buttons generative (less than half) with 4-6 flowers per cluster.

Practice examples, which way to go

What is possible?
Early forced (greenhouses) growings, mostly Duke and what comes??

And PLANT SYSTEMS

Many possibilities

Not summer pruned tunnel growing

In soil after ca. 2 years.
Not summer pruned plant makes (too) long branches.
Down no development of branches and leaves

After ca. 2 years.
Not summer pruned the plant makes (too) long branches.
New planted in 2013 Pruning during the growing in 2014
But wait for the flower and fruits, then start

Started with 2 years old plant.

Pot growing Blueberry

Growing in dam with anti root cloth.

Pot growing Blueberry Vlies Protected
Growing in dam Blueberry in Dam Folly black

risky, when planting pot plants dried up roots, bad water management.

Growing in dams blueberry water management, 2 lines irrigation

growing in dam blueberry. Take care roots come out
Pot growing blueberry in 4.7 Liter pot, lot of possibilities

Special attention for example duke
First on the market, makes good fruits/prices in tunnels/glasshouses
Good taste, good production, but naughty in growing

Start wit a 2 years old plant direct from propagation

After some weeks feed up to date!!

Pruning during the growing.
Plant makes during the year many new branches with mostly strong new flower buds.

7,5 liters and 15 liters pot or more liters

Pot growing Blueberry, in bigger pots, not easy to replant. Replanting gives more vital roots during the production years.
Pot growing Blueberry, later in the year.

Every branch free to where it grows??

general advice, wires along the plants

Every bransh free to where it grows??
Fruit quality and wishes of the market

Future is thicker fruits, good self live, taste.
Fruit size becomes more and more important in coming years.
Fruit size becomes more and more important in coming years. Too small berries are a concern.

Propagation and plant development.
Propagation and plant development

Pot growing blueberry in 4,7 Liters pot, lot of possibilities

Pot growing blueberry in 7 Liters pot,

Pot growing blueberry in 4,7 Liters pot, lot of possibilities
Pot growing blueberry in 4,7 Liters pot, lot of possibilities

Pruning during the growing plant

Pot growing blueberry in 4,7 Liters pot, lot of possibilities
the purpose is more flower buds and a stocky plant

the purpose is more flower buds and a stocky plant

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the purpose is more flower buds and a stocky plant
the purpose is more flower buds and a stocky plant

Pruned plants.

Pot growing blueberry in 4,7 Liters pot, lot of possibilities

Substrate choices, possibilities and results

Where to take care of??
Substrate and fertilization
No root development

Plant vitality and diseases
Important

• Don’t forget the calcium
• many still take the ready mixed fertilizer.
• Then is mostly forgotten the calcium.
• Mostly too much attention to potassium and in blueberry Sulfate.
Plant vitality and diseases

A
- Calcium Nitrate 38.7 kg
- Potassium Nitrate 21.3 kg
- Fe-EDDHA 0.6% g 3750

B
- Ammonium Sulphate 7.6 kg
- Mono Potassium Phosphate 25.4 kg
- Magnesium Sulphate 32.6 kg
- Potassium Sulphate 6.0 kg
- Potassium Nitrate 0.3 gram

gram
- Manganese Sulphate 32%Mn 340 gram
- Zinc Sulphate 23%Zn 200 gram
- Solabor 20.5%B 57 gram
- Copper Sulphate 24%Cu 10 gram
- Sodium Molybdate 40%Mo 12 gram

Remarks: Start basic schedule blue berry

Plant vitality and diseases

Analyses
Conclusion:
- more attention to calcium
- give less potassium, especially at the start.
- in (too) many schedules, too much sulphate
- attention for boron in leaf and flower.
- attention to balance in the feeding schedules

Thank you for your attention

At the field trip more attention for Blue Berry plant models

We show fields, propagation and production plants