7 STEPS TO GROWING ORGANIC INDOOR CANNABIS

1. Do you know current D.C. Grow laws?
2. Do you have the proper Tools?
3. What is your level of Experience, do you need a consultant?
4. What does growing Organic really mean?
5. Different stages of the cannabis plant?
6. Why are Nutrients important?
7. Harvest and ingestion?
INITIATIVE 71 GROW LAWS

- Are you 21 or older?
- Do you Live in D.C.?
- Do you rent or own?
HOW MANY PLANTS CAN I GROW AT A TIME?

1 Adult residing at property:
- 6 plants total
- 3 plants maturing at one time

2 or more adults in a house:
- 12 plants total
- 6 plants maturing at one time
DO YOU HAVE THE PROPER TOOLS?

- Space
- Grow System
- Lighting/Ventilation
- Genetics
WHAT IS A GROW CONSULTANT?

Ready, Set...
WHAT TO LOOK FOR IN A GROW CONSULTANT

• Education / Background
• Experience
• Grow Style
• Ideology
• Cost – Learning Curve
WHAT ARE THE DIFFERENT STAGES OF GROWING CANNABIS

1. Seedling/Clone
2. Vegetative
3. Flower
4. Harvest
5. Dry
6. Cure
<table>
<thead>
<tr>
<th>Stage</th>
<th>Lighting time</th>
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<tr>
<td>Seedling/Clone</td>
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<tr>
<td>Vegetative</td>
<td>24 or 18 hours</td>
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<tr>
<td>Flower</td>
<td>12 hours</td>
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<tr>
<td>Dry/Cure</td>
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WHAT IS ORGANIC ANYWAY?

READY, SET, GROW D.C.
WE PUT THE “O” IN ORGANIC

• OMRI / Certified Organic Products
• Personal Choice
• Not enough data – so be safe!
ORGANIC NUTRIENTS
READY, SET, GROW
PLANT NUTRIENTS

MACRO

• Nitrogen (N)
• Phosphorus (P)
• Potash (K)
• Calcium (Ca)
• Magnesium (Mg)
• Sulfur (S)

MICRO

• Iron (Fe)
• Boron (B)
• Chlorine (Cl)
• Manganese (Mn)
• Zinc (Zn)
• Copper (Cu)
• Molybdenum (Mo)
• Nickel (Ni)
BOTTLES VS BIOLOGICAL
How soil pH affects availability of plant nutrients.

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<th>Medium Acid</th>
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SOURCE: https://www.emporiumhydroponics.com/what-is-ph-1-to-14
Bottled Organic Nutrients

- Must pH the nutrient solution
- Paying for water
- OMRI Listed products
- Burn plants
LIVING SOIL SYSTEM
LIVING SOIL SYSTEM

- Uses soil life to provide plant nutrients (soil food web)
- Water only – no pH
- Reuse soil (cost effective)
- Top dress / cover crops – feed the soil not the plant
- Purchase amendments in basic form
AFTER THE HARVEST
READY, SET, GROW
DIFFERENT USES OF THE PLANT

- Edibles
- Topicals
- Concentrates
- Health and beauty products
MEET THE PRESENTERS

RON ENGLAND

Agriculture Educator

Urban Farmer

Medical Cannabis Patient / Grower
MEET THE PRESENTERS

#growthLisa

- Local Cannabis figure
- Local Growers advocate
- Public speaker
- D.C. Resident
THE END

READY, SET, GROW D.C.