Hemp What to Know Before You Grow

By Beyond Organica

Hemp vs. Marijuana

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- It's the same plant Cannabis
 - Differentiating factor is THC level

To be legally considered "Hemp" 0.3% THC or less

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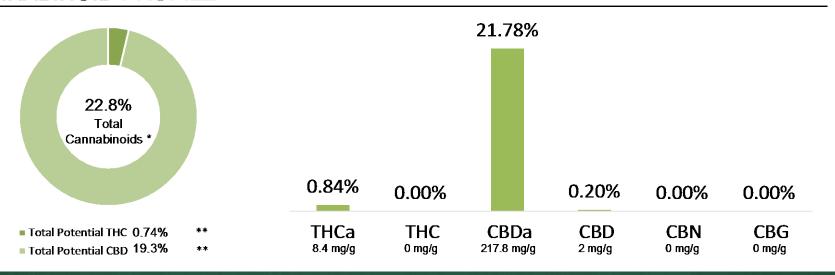
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- When THCa is heated (decarboxylated) it converts to Δ -9 THC
 - Conversion is THCa x .877 = Total Potential THC

COA of Berry Blossom





 $(THCa \times .877) + THC = Total THC$

 $(0.84 \times .877) + 0.0 = 0.73668$

Seed • Seedlings • Clones

Seed – may be male or female. Generally people want 'feminized seed', but you may not

Seedlings – also maybe male or female

Clones – should be female. Saves you from walking your field, culling male plants

Pollen & Male Plants

- Pollen travels Is there other hemp being grown in your area?
- Pollen will produce seed in your female plants.
- Male Plants produce pollen.
 - Unless you are producing a seed crop, you don't want these around.
 - If you do want to grow male plants, keep them contained and away from your females plants.

Day-Length

- Cannabis is day-length sensitive
 - May 1st earliest to plant seed outside
 - June 1st best time for clones to go in the ground
 - August 10th plants will start to flower (as days get shorter)
 - September 21st / fall equinox plants will be in full flower

Misconceptions

Hemp doesn't use much water.

Hemp will improve your soil.

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- Cannabis likes water pH between 5.6 and 6.5
 - This is important for young plants. Older plants can handle a wider range.

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- Will you attempt to be organic?

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- Thieves

Lab Testing

- As CBD levels increase, so does THC
- Don't let your crop go 'hot' over the legal limit of THC
- Cannabinoid and terpene profiles are valuable to know
- Take samples from top and bottom buds of plants
- COA Certificate of Analysis

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- How will you store it while you wait for a buyer?

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Value Added Products

Tinctures, salves, etc.

Tolling & Selling

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 - Some will toll in exchange for a percentage of your oil.
 - Some will charge for tolling but you'll get all of your oil back.
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- Use a Broker they will get a commission.