



**Use of Hydrogen  
Peroxide w/silver in  
the cannabis industry  
our brand PLC 220**

# Goals

- How to cultivate cannabis (under state license) in order to obtain the most natural end product possible using PLC 220 as a substitute to phytosanitary products.
- At each start of filling of the barrel, inject x% of PLC 220 which will be used for the disinfection of the soil for all the phases of repotting.
- Ditto at each start of filling the barrel, inject x% of PLC 220 Which will be used for irrigation water.
- Plan to inject the product in question PLC 220 through the fogger and at the concentrations to be defined? can provide precise specifications for all interventions at the various strategic stages of cultivation.

## PROTOCOL and APPLICATION

PLC 220 should be added to feed water for disinfection of the soil for all the phases of repotting.

Ditto for at each start of filling the barrel, inject x% of.... Which will be used for irrigation water.

Plan to inject PLC 220 through the fogger and / or the nebulizer at the concentrations to be defined?

# PROCEDURES

- Disinfect the tray and covering bell; Product and concentration to be defined
  - Disinfect the soil; Product and concentration to be defined
  - Disinfect the scissors used for removing cuttings; Alcohol?
  - Ensure that the initial plant is in good condition
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- During the initial growth phase (2 weeks)
  - under bell provide a regular PLC 220 solution
  - (concentration to be defined) which will serve at the
  - watering step.
  - NB: RH under bell = 100%



- When passing to pot transfer
- 4 " pots (maturing phase up to 17 " pot)
- disinfect them and bring a complement of disinfected soil as well.
- NB: Breeding room = RH 80%



- If possible, make an observation of the recovery state if possible by comparing root and leaf volume....
- During the 4 "pot phase (2 weeks), consider adding PLC 220 to the Mist and apply PLC 220 in foliar at the rates adapted to be defined idem by way root during watering.

- When passing 4 " to 8 " pots, disinfect them and add some disinfected soil.



- Make an observation of the general condition and if possible root / foliar

- ▶ During the 8 " pot phase (4 weeks), remember to add PLC 220 in the Mister and apply PLC 220 in the foliar area at the appropriate rates. When passing 8 "to 17" pots, disinfect them and bring a complement of disinfected soil.
- ▶ During this 12-to-13-week stage
- ▶ (breeding phase), it will be very important to note the health status (fungus, insects, etc.) of the plant and especially there vigor; root development, foliar, color... ..
- ▶ Validate together if the supply of PLC 220 will have to be done via the fogger? Complete it with a nebulizer or apply PLC 220 in the same way as conventional products?



- ▶ Before the plants are transferred to the production room, it must be disinfected; product and concentration to be defined?
- ▶ During these next 12 weeks (Pre-harvest)
- ▶ Use irrigation water treated with PLC 220 at the concentrations to be defined.
- ▶ During this period the relative humidity should be maintained at 50%
- ▶ During this phase define how to bring PLC 220? Nebulizer? Sprayer spraying and or both together?



- ▶ As with the pre-harvesting phase, during the “harvest” phase, a precise notation of the control plants and that of the test must be made, for example:

- ▶ Stem size
- ▶ Spacing between petioles
- ▶ Plant length
- ▶ Leaf size
- ▶ Appearance and development of the flower
- ▶ Size and weight of the flower (number....)
- ▶ Precocity harvest
- ▶ Chemical analyzes of the product ..... to be defined

- ▶ During this “harvest” phase, careful attention must be paid to the sanitary state of production; fungi, bacteria, insects... .. At first I suggest not to apply insecticides in order to see if PLC 220 may have a positive effect? If we do not see a benefit then proceed with additional of phytosanitary products.

