



**Report on CannaCure Farm
For
July 22-28, 2019**

Plants in the first open field plot, here-in-after will be referred to as Plot 1, faced different issues and challenges, nonetheless the team continued to learn from them while applying remedies and solutions that have both served to prevent future concerns and correct existing ones. From Plot 1 there are many lessons that were learnt:

1. The plants ability to absorb nutrients through their roots regardless of the growing medium such as hydroponic solution (soil-less), potted mix, or soil will require the correct pH levels at all times. If conditions are too acidic or too alkaline, certain nutrients become unavailable to the plants. pH for soil ranges from 5.8 to 6.8, with 6.3 being optimum and for hydroponic solutions is 5.5 to 6.5.
2. Root damage can be caused from several factors such as termites (aka...white ants), over and or under fertilizing, over watering, under watering, which can all cause fungal attacks on the plants hence, resulting in nutrient lock out which can all lead to the death of any plant. (see plant 2)

3. Plants loose branches at the point where the branch connects to the main limb referred to on the farm as “stinky arm”. This maybe the result of some form of fungus as highlighted. This when researched indicate that it may be as a result of the plant xylem system being affected. Xylem is the vascular network of plants that is responsible for the flow of nutrients and water from the root to the leaves. This network is vital to plant development and if compromised by some form of fungus may lead to the plants eventual demise. (See picture 3)
4. The team started a foliar feed in an attempt to save the plants. This worked as the phloem, vascular tissue which is responsible for the flow of nutrients from the leaves back to the root of the plant, was functional.
5. Despite all the challenges the field faced; the strains that continues to perform well are Blue Vision, Special Mercy and Zion Train.

Below is the detail list of activities that were done during the week of July 22-28, 2019.

CANNACURE FARM JULY 22 - 28, 2019

Nursery		Incubator		Grow House		Open Field	
1	271 clones were transplanted to the incubator on July 25, 2019 (See picture 4)	1	110 plants were transferred to the Grow House. These are Train strains (formerly Train Wreck). (see picture 1)	1	110 Train strain was added to the grow house	1	Outfield -Plot 2 was sprayed with 7-ounce molasses to 7-gal water

2	8 bins with clones for this week. That is approximately 896 plants. These strains include Ark, Silver Cure, and Blue Vision	2	500 plants were transplanted to the outfield-Plot 3	2	200 plants from Test Trays were transferred from the Nursery	2	2lbs fertiplus to 50-gal water was applied via root application
3	4 -50 cell trays were set for the Isol full program These include Ark, Blue Vision and Silver Cure	3	50 Lambs bread were added on July 28, 2019			3	Organic Potassium, 2-ounce xentari to 5-gal water was applied foliar to plot 2
4	1 surge and Vitazyme is applied every 3 days -foliar feed					4	Light was erected on Thursday in plot 2 for the vegetation stage
5	49 Lambs Bread were transplanted to the incubator.					5	Outfield was watered on July 26, 2019. It rained that afternoon. It also rained on July 23, 2019
						6	Approximately 500 Lambs Bread were planted in Plot 3 over the course of 3 days July 26-28, 2019. Plot 3 was planted without irrigation.

OBSERVATION

1	The bins are leaking as result it loose approximately 25% of water per day.	1	Lambs Bread have 8-10 nodes	1	This area needs to be cleared of weeds and other crops.	1	Worms were present in plot 1. These worms were not feeding. Corrective spraying was done.
2	Of the 3 bins containing 312 clones; 271 clones were transplanted on July 25, 2019. There was a 86% root development	2			The watering cycle for the plants need to be reviewed and amended	2	
3	5 Bin with the strain Lambs Bread are ready to be transplanted						



Picture 1: Transplanting in the Grow House



Picture 2: Disease affecting plant



Picture 3: Fungus affecting plant (stinky arm)



Picture 4: Clones in bins