

Walnut Hill Farm 2019 CBD Hemp Grow

UVM Industrial Hemp Conference

February 20, 2020



Growing

- OMRI compliant Nutrient Program
 - 5-4-3 pelletized chicken manure and 10-0-0 feather meal: total ~100 lbs./ac N
 - Fertigated TerraFed (molasses) and CX-1 (live biology) through veg and flower stage: total ~10 gal./ac. Each
 - Fertigated SOP (potassium sulfate) starting at flower initiation: total ~18.5 lbs. K/ac & 6.7 lbs. S/ac.



Plant Spacing & Transplant Timing

- 7.5 ft. x 52" & 60"
- Planted over three weeks in June (6/10-6/30)
- Lessons Learned:
 - Tighten up spacing to 7'x4'
 - Will try to transplant no later than ~June 20



Weed control: We tried everything!

- Cultivated with narrow tractor
- Rotary mower with narrow tractor
- Weed whackers
- Hand weeding



Looking for males....and hermaphrodites



Whole Flower Harvest

- Hand harvest and greenhouse dried
- Bucked and trimmed



Biomass Harvest

- Whole plant harvest
- Combine (separated stems)
- Baling

