CARBON DEFENSE® ON BOTRYTIS CONTROL FOR HEMP

Collins Agricultural Consultants Inc. | Oregon

TRIAL DESIGN

Location

- Canby, Oregon
- Greenhouse Produced Hemp for CBD

Randomized, Replicated Trial

- Grower Standard, Carbon Defense, and 2 Other Commercial Biopesticides
- 4 Replications

Application Rates

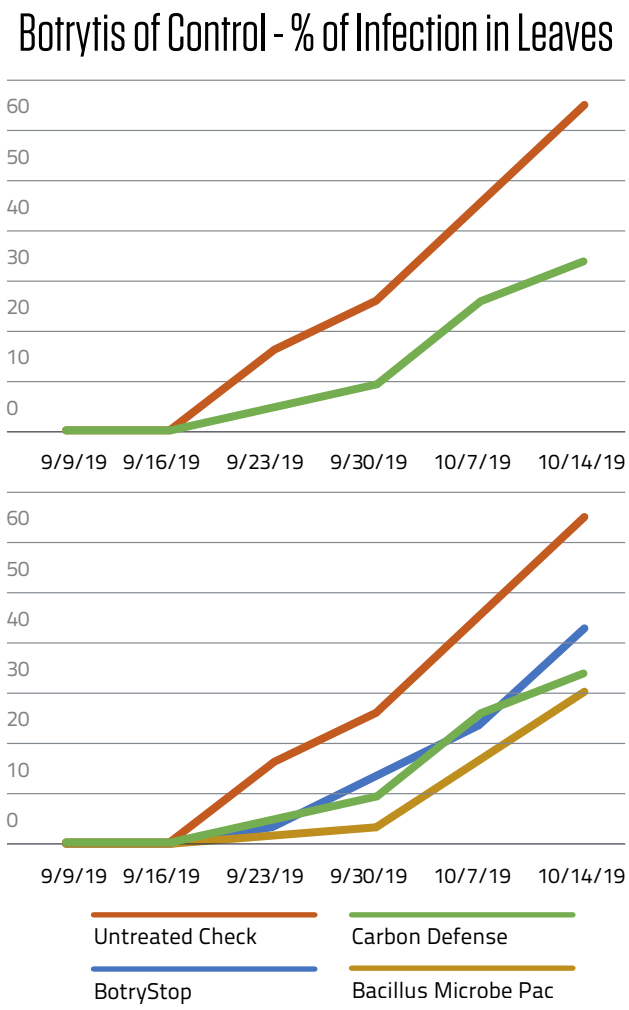
- **Carbon Defense** at **4 quarts/acre**, applied 3 times during the season at intervals of 10 to 14 days
- BotryStop at 3 lbs/acre applied 6 times at intervals of every 7 days
- "Bacillus microbe pac" at 20 fl oz/acre applied 6 times at intervals of every 7 days

Botrystis infections were monitored for 45 days after inoculation.

Botrytis blight, aka bud rot or gray mold, is a common fungal disease that affects cannabis buds during growth and after harvest.

CONCLUSIONS

- Carbon Defense achieved significant control of Botrytis Grey Mold on Hemp
- Carbon Defense achieved significantly better control than BotryStop
- The control achieved by Carbon Defense was equivalent to the industry leading biopesticide, Bacillus microbe pac*, which was applied twice as many times as Carbon Defense



*Bacillus microbe pac is comprised of a blend of Double Nickle and Serenade.