2018 Hemp Cannabidiol Drying Trial

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on 17-Oct at 4:30pm EST. Temperature and humidity measurements were recorded every hour. Driers remained on until the buds were considered entirely dry for storage. The 80°F dryer was turned off at 1:30pm EST and the 105°F dryer was turned off at 5:15pm EST on 18-Oct. The i-buttons were removed from the ambient temperature shelves on 22-Oct at 10:30am EST when the buds were dry. On 19-

normal.
precipitation. There was no irrigation or watering.

Table 2. Seasonal weather data collected in Alburgh, VT for July-October 2018.

Alburgh, VT	June	July	August	SeptemAlbu

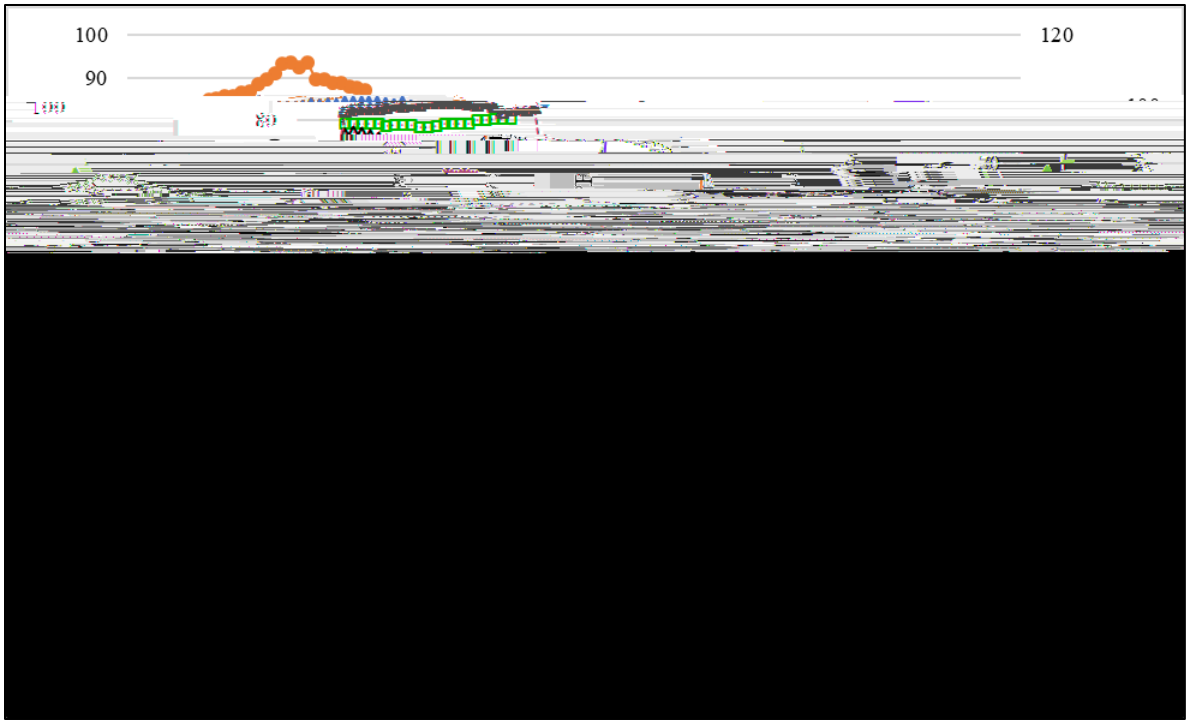

Figure 1. Buds-only hourly temperatures and relative humidities by treatment, Alburgh, VT, 2018.

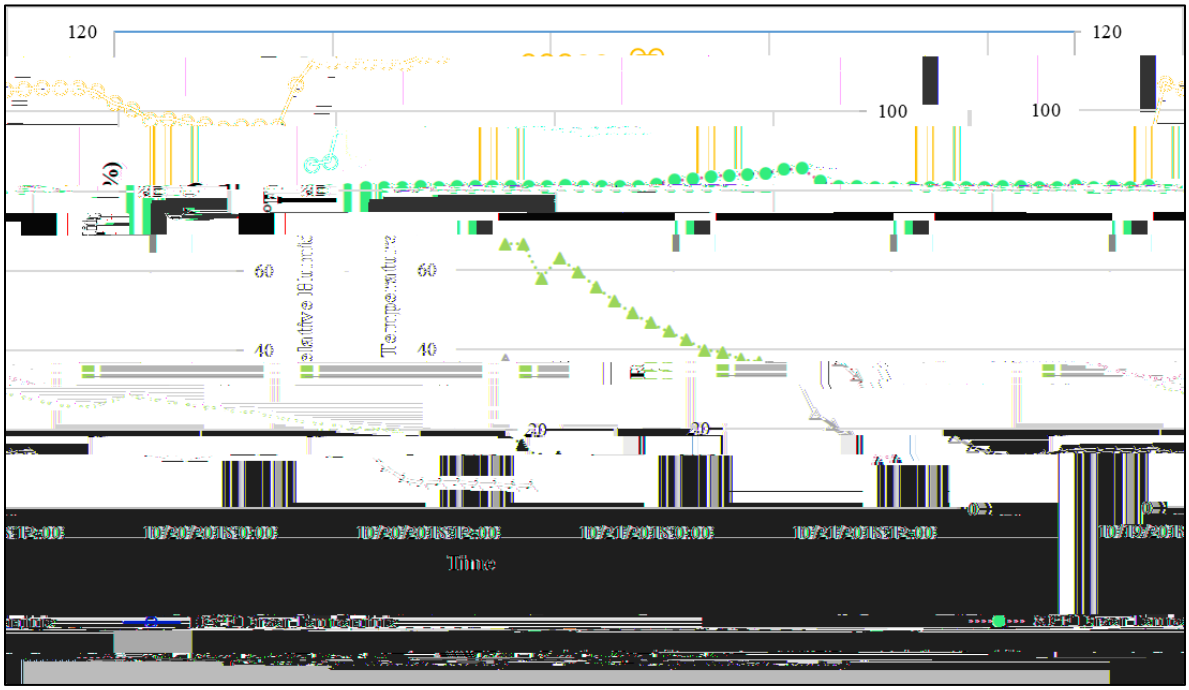

Figure 2. Buds & stem hourly temperatures and relative humidities by treatment, Alburgh, VT, 2018.

In the buds only study, drying the buds at ambient temperature resulted in significantly higher total potential CBD (7.71%) than drying the buds at 105°F (5.88%) (Table 4). The total potential CBD of buds dried at 80°F did not significantly differ from the higher and lower temperature treatments, and resulted in

a CBD percentage between the two extremes (7.01%).