



**CANNABIS CONTROL BOARD**

**89 Main Street Montpelier, VT 05602 | [ccb.vermont.gov](http://ccb.vermont.gov)**

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# **PRODUCT SPECIFIC SAMPLING GUIDANCE**

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# Always use clean tools and containers to collect samples.

## Sampling Dry Plant Material

### Sampling Entire Harvest Lot Greater than 5 Pounds

1. Separate Harvest or Process lot into cultivar specific portions roughly 5 pounds or less
2. Individually sample portions in a regular, spatial pattern (example: a 3 or 5 dice face pattern) throughout the entire portion. (3 to 5 buds per portion)
3. Either comingle samples or submit to lab as cultivar-specific samples.
4. Weigh and record samples for sample loss reporting via inventory tracking.
5. Seal and label the sample.

### Sampling Entire Harvest Lot or Flower Lots Less than 5 Pounds

1. Samples in a spatial pattern (again - think a 3 or 5 dice face pattern)
2. Either comingle samples or submit to lab as cultivar-specific samples.
3. Weigh and record samples for sample loss reporting via inventory tracking.
4. Seal and label the sample

NOTE: Pesticide tests may be done at the harvest lot level (up to five cultivars), provided all cultivar samples are submitted separately and comingled by the lab.

Harvest lot samples should have all cultivar names included on COA. Example: HL5 Sour Diesel, Apple Fritter, OG Kush can be abbreviated as: HL5- SD, AF, OGK.

Pathogen and Potency tests should be conducted on cultivar specific samples.

## Visual Depiction of Potential Dry Plant Material Sampling Protocols



Sample from each cultivar by spreading evenly onto trays.



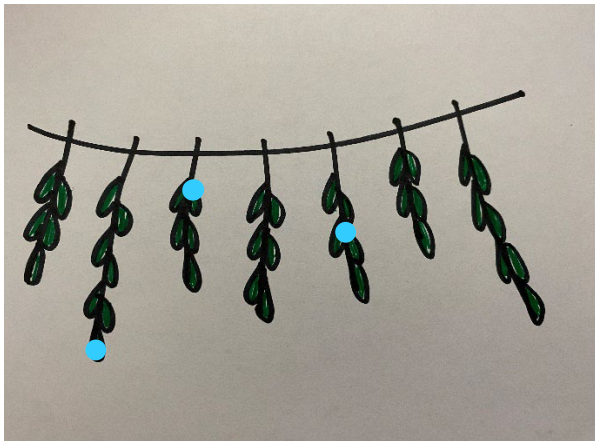
Sample from those trays using a regular spatial pattern (example: a three or five face dice pattern).

## Sampling Wet or Growing Cannabis.

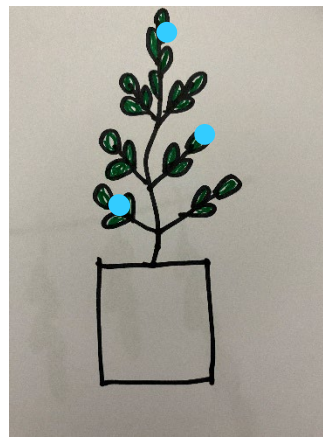
1. For consistency in sampling an entire plot or grow room, use a repeatable spatial pattern.
2. When sampling an entire plant, divide the plant visually into thirds. Take samples from the top, middle and lower portions of the plant.
3. Combine samples to create a representative sample.
4. Weigh and record samples for sample loss reporting via inventory tracking.
5. Seal and label the sample with the harvest lot number.

Fresh plant material should be kept cold during transport.

### Single Cultivar Hanging



### Growing Plant



## Sampling Edibles, Beverages, Topicals and Other Products

### Unpackaged Manufacture Sample (or Initial Potency Test)

- a. Divide each manufacture lot or batch into three zones.
- b. Randomly sample from
  - i. The beginning third
  - ii. The middle third
  - iii. The ending third
- c. Submit these separately.
- d. Combine samples to create a representative sample of the lot or batch.
- e. Weigh and record samples for sample loss reporting via inventory tracking.
- f. Seal and label the sample.



### Packaged Retail Sample

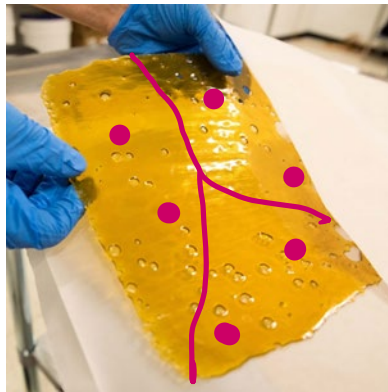
One prepackaged product can be offered to the lab as a sample.

Weigh and record samples for sample loss reporting via inventory tracking.



## Sampling Solid Concentrates

1. Divide each production batch in three portions either by thickness or randomly into sections.
2. Collect the same number of sample increments per section (2 to 3).
3. Combine sample increments into a representative sample.
4. Weigh and record samples for sample loss reporting via inventory tracking.
5. Seal and label the sample.



## Sampling Liquid Concentrates

1. Invert the container and return upright. The oil or tincture should flow completely from the bottom of the container to the cap of the container. Repeat at least 3 times.
2. After ensuring container has been thoroughly mixed, visually divide container into thirds, and sample using a pipet.
3. Samples should be collected;
  - a. From the bottom third,
  - b. From the middle third, and
  - c. From the top third
4. Combine the sample increments to form a representative sample.
5. Weigh and record samples for sample loss reporting via inventory tracking.
6. Seal and label the sample.

