

BeCrop® Farm

Sampling Instructions



1

Reference sampling coordinates provided by Biome Makers. Take a total of 3 cores, each from the root zone of a different plant, all within a 20' radius (6m) of the GPS point. Cores should be between 2-6" deep (5-15cm). Mix to create a homogenized soil sample representing the zone. If no bucket for mixing, take a spoonful from each core. Clean tools between samples to avoid cross-contamination. Avoid sampling for 3 days after heavy rainfall, or under drip emitters.

General / row crops: In the root zone.

Fruit Crops: 24" (60 cm) from the trunk.

Vineyards & Super Intensive Fruit Crops: 12" (30 cm) from the plant.

2

BeCrop	BeCrop + Includes Fertility Analysis
For each sample, fill coded tube provided by Biome Makers approximately halfway with soil (1-3 grams). If no coded tube , label a bag and fill with no more than 1/4 cup of soil (10 grams) .	For each sample, fill coded bag provided by Biome Maker to the fill line (500 grams / 2 cups minimum). If no coded bag, label a bag and fill with 2 cups of soil (500 grams)- No more than 2 1/4 cups (550 grams) total *Mixing bucket required for BeCrop+

3

Fill out the Excel metadata sheet. The field ID, sample reference, collection date, crop type, and coordinates are the minimum required fields. For more comprehensive results, provide as much metadata information as possible: soil type, irrigation methods, etc.

4

Ship the soil samples along with the completed BeCrop Submittal Form immediately after collection, allowing no more than 5 days at room temperature from sampling to reaching Biome Makers' Lab. Samples can be stored in the freezer if needed.

Sample Storage and Shipping Guidelines:

- Soil samples can be long-term stored at -20 °C (-4 °F).
- Soil samples can be stored up to 3 days if refrigerated at 0-6 °C (32 -48 °F).
- Ideally, soil samples should be shipped using 1 or 2 day shipping allowing for no more than 5 cumulative days at room temperature in transit.
- If samples may be in transit longer than 5 days, they need to be shipped alongside icepacks. This ensures preservation of the soil sample, maintaining a representative soil microbiome.

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Ship Samples To: Biome Makers Inc. 202 Cousteau Pl, Suite 100 Davis, CA 95618

www.biomemakers.com uscs@biomemakers.com +1 916-378-8580