



# THE SCA PROCESS



## Phenotype Hunting

The process of cloning begins with an exhaustive search for good mother stock. Phenotypes are tested in multiple environments for desired traits and selections are made accordingly. Once the top producers with the desired traits are identified, we have our Mother.



## Cloning

With our Mother selected, we clone that plant and create our stock of mother plants, which are exact genetic replicas of the first plant cloned. We prune the mother plants and dip those cuts in rooting gel to then live in 72-count soil trays.



## Planting

Once the new clones have 3-5" of top growth and the proper root development, we put them through a process called sun hardening. Then, we ship the ready clones to our farmer partners to plant in their prepped, nutrient-dense fields.



## Harvesting

Once planted, clones will grow in the fields for about 4-5 months depending on the variety. Plants are then harvested using a mechanized harvester or hand-harvested with tobacco knives.



## Drying

Once harvested, the plants are taken to the drying facility. There, the plants are packed into tobacco boxes to be placed inside the 100-degree flue barns for 3-5 days.



## Extracting

The dried plants are thrown through a thresher which separates the biomass from the stem material. The biomass is then transported to our state of the art processing facility in Ocilla, GA where it will be turned into CBD oil for sale.

