

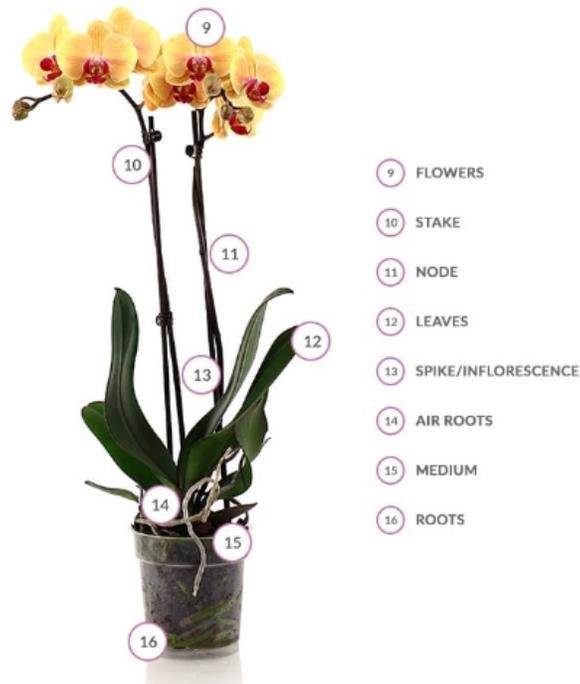
KEIKI PASTE USES

Keiki- Hawaiian for "baby" or "the little one".

Keiki Paste- a specific growth hormone (cytokinin) in a lanolin base with some vitamins added.

Make Baby Moth Orchids or Flower Spikes

Phalaenopsis Anatomy



The nodes contain the meristematic tissue that can form into keiki or new flower branches. Keiki can form naturally if conditions are perfect. Or Keiki paste can be used to encourage growth at the node.

After the last flower on the spike has fully opened (some sources said after last flower has fallen off)

-carefully remove bract at the node.

-apply a small amount of keiki paste.

- provide high nitrogen fertilizer to promote vegetative growth.
- maintain daytime temps of 72 degrees
- maintain high humidity
- water normally; drench in the sink when the roots look a little dull and just start to shrivel.

HOW TO USE CRAZY KEIKI CLONING PASTE



Step 1

Cut or peel away bract with a toothpick or tweezers to reveal bud



Step 2

Apply a pea-sized amount of Crazy Keiki Cloning Paste to bud



Step 3

Continue caring for mother plant while Keiki develops



Step 4

Keiki will emerge within 2-8 weeks depending on health of mother plant

You will start to see burgeoning growth at the node after a few weeks. You may get a new flower stalk or a keiki. If it is a keiki, the leaves will form first, then after several weeks to months, you should get roots. When you remove the keiki from mom and pot the baby up. Or you can leave it attached to the momma. If you separate the baby, it will likely be a few years before the baby will have at least 3 roots that are several inches long each, you can remove keiki flower. If you leave it attached, the mom and baby may flower at the same time.

Some other tips to get keiki over flower spikes

- Don't treat the first node from the base, that one rarely forms anything.
- Don't treat the fifth node from the base as that invariably will only produce a flower spike.

Other uses for keiki paste in *Phalaenopsis*

- to make basal keikis- there is a dormant bud on the base of each leaf. If the plant has crown damage (from leaving water to sit in the crown and cause rot), you can apply the paste to one of these buds around the base of the

plant. These dormant buds are harder to see. They may be more visible when the plant is under stress and they naturally start to wake up from the hormones in the plant itself.

-Bare spikes- You can attempt to get a new plant from a flower spike bought at the store. After flowers have faded, treat 1 or 2 nodes. Keep the spike in clean water and recut the bottom every couple of days to keep the water flowing.

Other Orchids

Dendrobium and *Cattleya*- can be used on cane nodes to induce keiki.

Vanda- can be used on basal nodes to induce keiki.

Boost Growth for Bushier Plants

On *Philodendrons*, *Monstera*, *Pothos*, *Begonias*, *Geraniums*, *Roses*, *Jade Plant*, etc. Maybe you bought a straggly plant on sale, or went out of town and the plant suffered a little drought; you can use Keiki paste to boost side growth without having to chop off the top of your plant. Score the node lightly and apply keiki paste. New growth should appear in a few weeks.

Reproduce Chimera African Violet

The keiki paste should be put at the base of the flower bracts to get a clone of your chimera violet. Like orchids, sometimes a new flower branch will form instead of a plantlet.

Bonsai

Keiki paste can be used to encourage branch production on bonsai.