

# Growing or Regenerating Roots using Semi-Hydroponics

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The next time you are re-potting and find a plant that has a root problem try regenerating the roots instead of throwing the plant out.

Remove one or two of the basal leaves of the plant if they are not in good condition. Cut off all bad roots and dust with cinnamon powder or sulphur to prevent fungal problems.



Put plant into pot as small as possible and fill with moistened sponge rock or perlite.



Set the pot into a slightly larger one with about ½ inch of lava rock or pebbles on the bottom. Place on a tray and fill with plain water to just above the lava rock.



Water from the top with Nutri Boost 1 or Dyna-Gro KLN rooting concentrate at a ratio of one teaspoon per gallon of water.

Every third or fourth watering do a plain water flush. Occasionally spray with plain water to ensure the surface remains moist.

Dump the plant out from time to time to check for new growth. You should see new roots within three to six weeks.



Growth after 1 week



After 4 weeks





After 7 weeks



Repotted 16 weeks

Wait until you have at least 2 or three new roots at least 1 inch long before putting the plant into a regular medium. Water with the rooting concentrate for one more month before using regular fertilizer.

Happy growing.