



SUCCULENTS & CACTI

LIGHT REQUIREMENTS



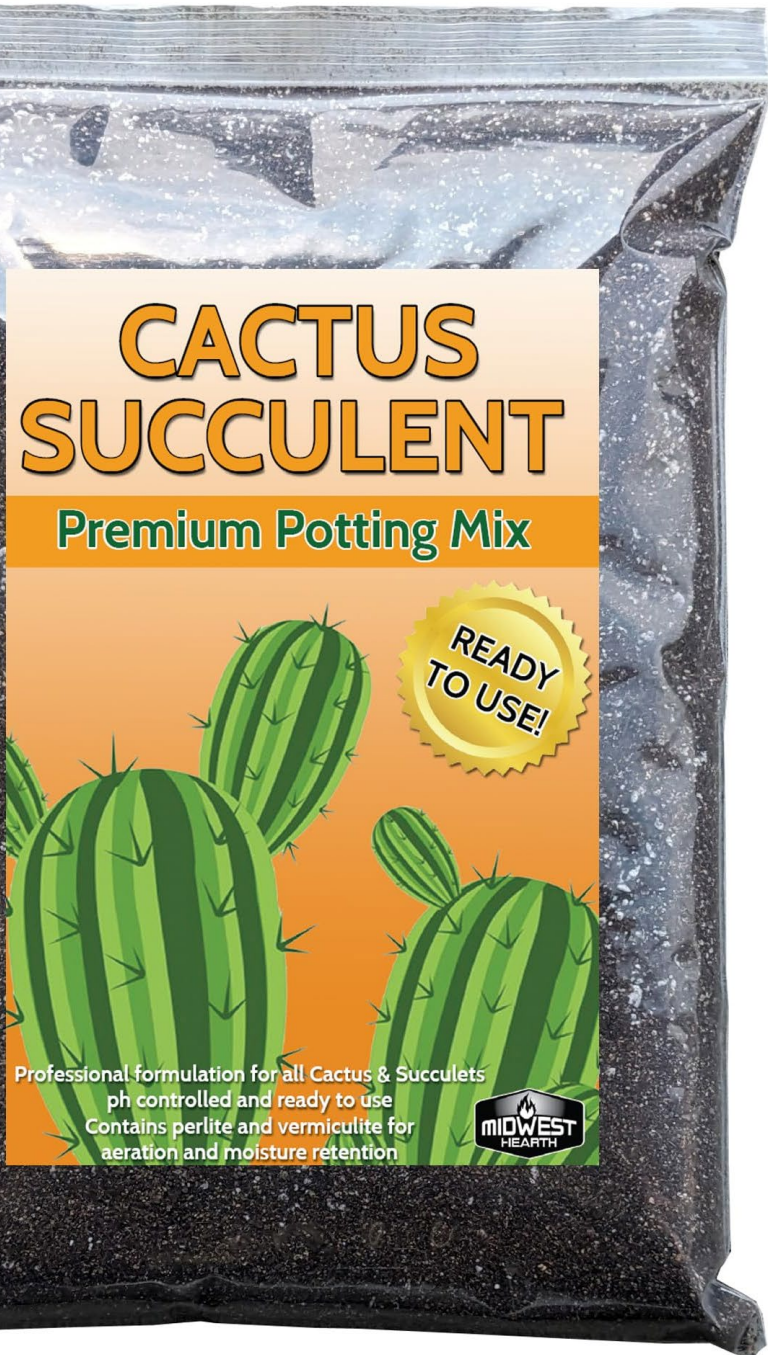
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- Succulents need about 6-8 hrs of light
- Indirect light (as in window) is best when it casts a shadow.



ALL cacti are succulents
BUT not all succulents are
cacti!

SOIL



- MOST IMP CONSIDERATION FOR CACTI?SUCCULENTS

Must be good draining.

- Retaining too much water may result in root rot
- Buy soil *specific* for succulents/cacti.
- Make your own!

One part organic material
(potting soil, pine bark, compost

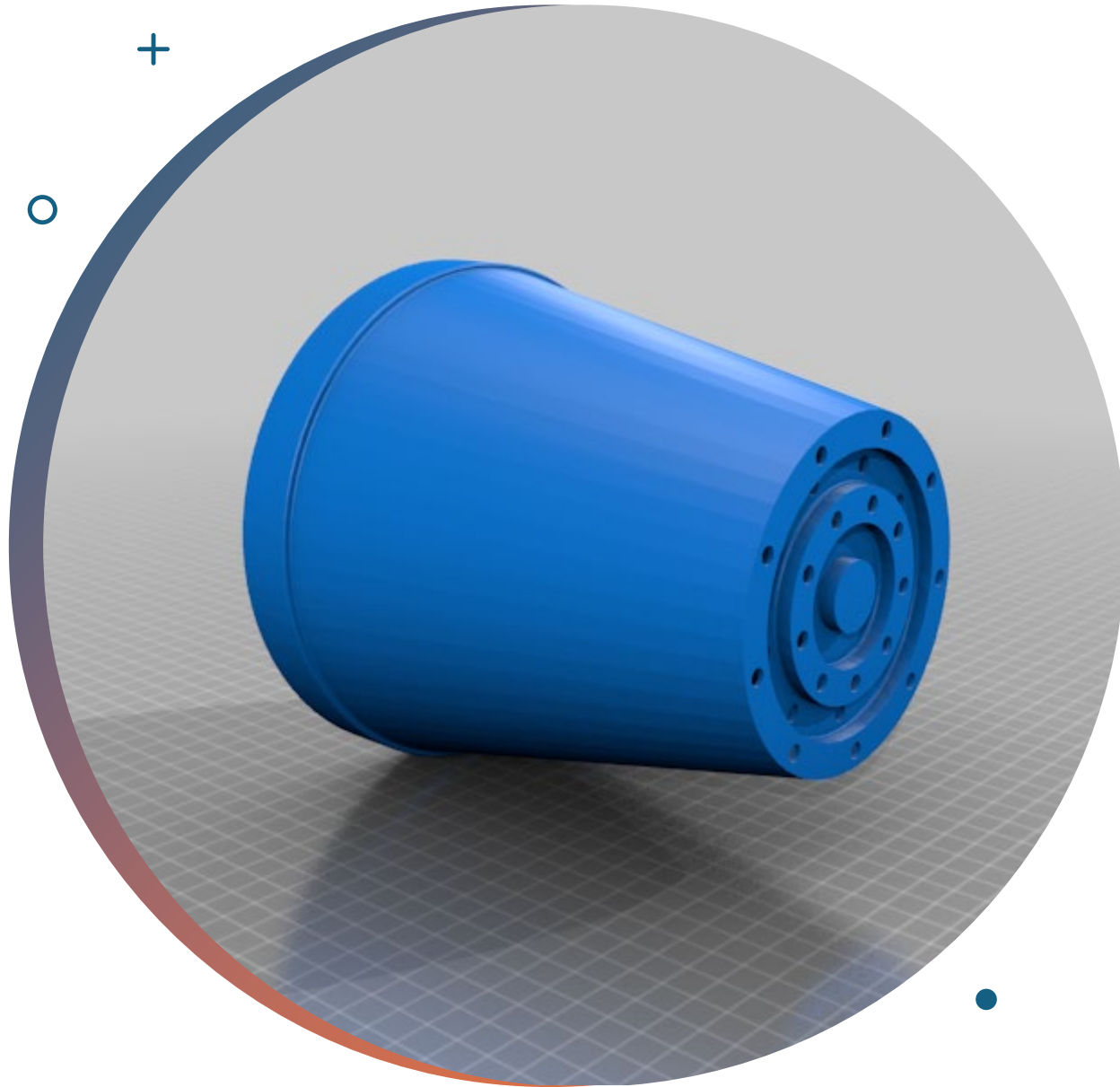
Two parts mineral material
(Perlite coarse sand or fine gravel)

OR

1/3 good quality soil

1/3 grit

1/3 perlite



CONTAINERS

- May be glazed pottery, ceramic, terracotta, clay, plastic, or glass *but*
- *MUST HAVE DRAINAGE HOLE(S)*

The image features a variety of terracotta pots and indoor plants arranged on a wooden shelf against a light-colored wall. On the left, a snake plant is in a large terracotta pot. Next to it is a pothos plant in a medium-sized pot. In the center, there is a small succulent in a tiny pot. To the right of the succulent is an aloe vera plant in a medium pot. Further right is a Philodendron in a large pot. In the foreground, there are several stacks of empty terracotta pots of different sizes. The background includes a small shelf with another plant and a round woven basket hanging on the wall.

— Best —

Terracotta Pots

for Indoor Plants



ADVANTAGE S OF TERRACOTTA POTS

They are porous and
allow quicker soil drying

Most have drainage
holes to facilitate draining.



Watering succulents

- Use a wet-dry cycle
- Water thoroughly, wetting the entire root ball until it drains
- Let soil dry completely before watering again.
- Succulents Don't like wet feet!

SOIL MOISTURE METER



PROPAGATION OF SUCCULENTS

Stem cuttings

- Cut piece stem 3-6" long
- Remove leaves from lower $\frac{1}{2}$ of stem
- Allow cut end to dry and callus over by sitting on tray or plate
- Days later place in soil
- (Most do not root well in water)

Leaf cuttings

Remove entire leaf from the stem (partial pieces will not root)

Lay leaf on sl damp rooting soil

End of leaf which had been attached to stem should sit right at soil surface but not covered with soil

Spray soil surface to keep soil damp but not wet

New roots form several weeks

STEM CUTTINGS



Leaf Cuttings



REFERENCES

- Mountain Crest Gardens – succulent care and propagation guides, mountaincrestgardens.com
- XLUX Soil Moisture Meter – product information and usage guidance
- Photographs by unknown authors, licensed under Creative Commons (CC BY, CC BY-NC, and CC BY-NC-ND)
- Iowa State University Extension and Outreach



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Kalanchoe (Widow's Thrill)

kal-an-KOH-ee (most common in the US) and **kal-an-CHOH** (common in the UK)

- Succulent
- Propagation
- Water needs
- Light needs

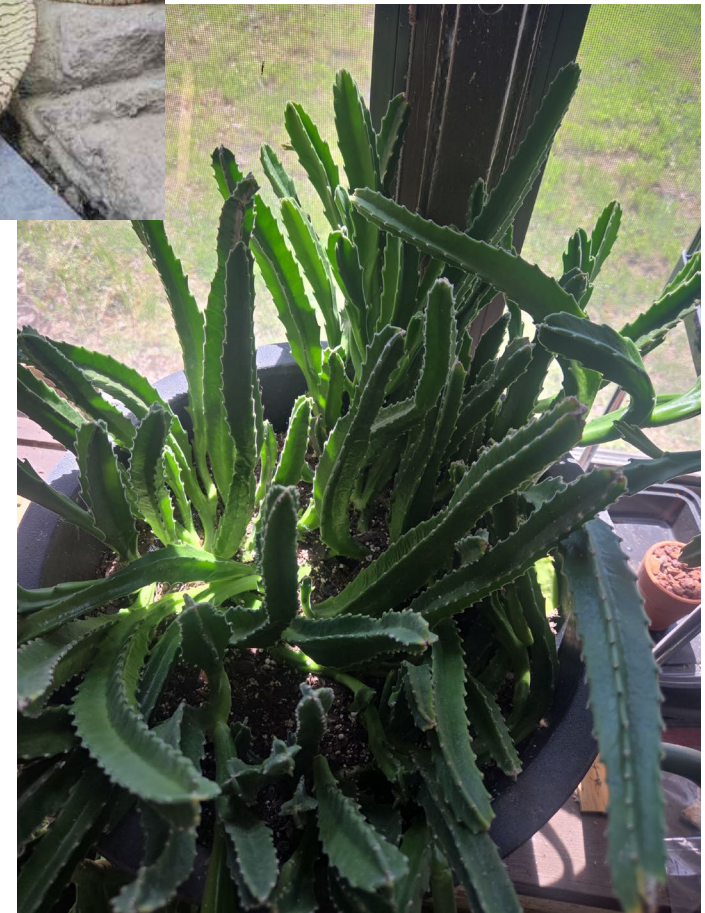


https://planetdesert.com/blogs/news/kalanchoe-plant-care-varieties?srltid=AfmBOoejMtv_ZS6ShzeBtOr94rSB0yNbcfQJ8ztBNFtkKmKlo4SOu5s

https://www.livelyroot.com/blogs/plant-care/kalanchoe-propagation?g_acctid=876-325-4545&g_adgroupid=198028719598&g_adid=811650526312&g_adtype=search&g_campaign=D2C+%7C+Search+%7C+Prospecting+%7C+Plant+Delivery&g_campaignid=23901793368&g_keyword=&g_keywordid=dsa-1456167871416&g_network=g&gad_source=1&gad_campaignid=23901793368&gbraid=0AAAABDt9P6H87t9rPe98fX2nOwGb6tX2O&gclid=CjwKCAjwvZHTBhAlEiwA1ug5P-tKuKBSjgGPcpZYsDHXMAGpteskehJs_CR49a-Pd6QR_6bcLMV85RoCDYwQAvD_BwE

Stapelia gigantea, Carrion Flower

- Succulent
- Apocynaceae (the dogbane family)
 - uh-poss-ih-NAY-see-eye (ə-päsə-nā-sē-,ī)
- Propagation
 - Seeds
- Water needs
- Light needs



Mammillaria gracilis fragilis, Thimble Cactus

- Cactus
- Propagation
- Water needs
- Light needs



Delosperma echinatum 'Pickle Plant'

- Succulent
- Propagation
- Water needs
- Light needs



African Milk Tree (*Euphorbia trigona* & *Euphorbia trigona* f. *rubra*)

- Succulent
 - Spines
- Water needs
- Light needs
- Special info



Scale



Mealybugs



Fungus gnats



Spider mites

