

## ADENIUM (Desert Rose) SEED SOWING METHOD

- Soak seeds in warm (NOT HOT) water for between 1-2 hours. Seeds should be sown at the right temperature. If the temperature is too high or too low, germination rate is likely to be affected. The temperature should be in the 60 to 85 degree range.
- Seeds of each species should be sown in a separate nursery pot or container. It is best to not place multiple varieties in the same pot or seedling box. Too many seeds sown in the same pot could cause new sprouting seeds to lack sufficient light to germinate properly.
- It is best and recommended that you disinfect planting soil if possible.
- Prepare the soil for sowing and filling your planting containers using a good mixture containing some fine particles of soil, good drainage, ventilation and a certain water-retention capacity.
- Here is a good formula for good seeding media: 3 parts peat, 1 part perlite, 1 part vermiculite, 1 part cactus soil mix. You can use your own media by hand applying the above principles.
- Place the seeds on the prepared soil at least one (1) inch apart, and cover with about 1/8 inch of soil. Cover the sown seeds with plastic wrap to maintain humidity. Puncture some holes in the wrap with a toothpick to make it more breathable.
- When you have completed, place it in a well lighted place in a warm controlled area. If in a window, or other home area, place it in a north bright place while waiting for the seeds to germinate. Do not place under the south window sunlight as it will affect the germination process.
- After the seeds sprout you can remove the plastic wrap, and gradually move them into a sunny location.  
The ambient temperature is different for plumeria and adenium seeds. They require minimum temperature above 60 degrees. Sown at inappropriate temperatures could result in low or no germination.
- After sowing, be patient, different varieties of seed germination may not be the same. Some of the faster varieties may germinate in 2 to 3 days and the slower ones could take more than four weeks time to germinate.
- Water the soil surface the first time until the soil to wet, so the seeds can be fully watered.
- Do not place newly sown seeds in direct sunlight or directly in a south facing window, otherwise the seeds will not germinate within the film covering. Sown seeds should be observed carefully for the first few days, if there is mildew on the soil, check for proper ventilation or remove the plastic wrap. If mildew appears, you can sprinkle cinnamon powder on the surface to help control the fungus and damping off.
- Observe the seeds daily. Pay close attention to the soil surface. If it starts to become dry, mist the surface or lightly water.
- After the seeds have germinated and produced its first 3 to 4 character leaves, they can be transplanted into larger containers.

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