

# Logbook

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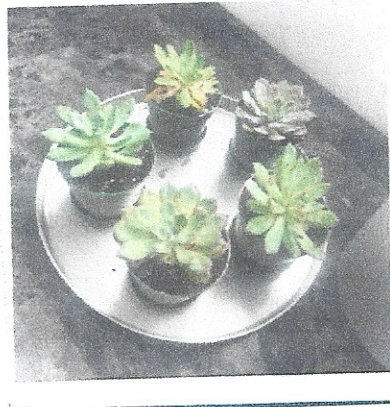
Dec 02, 2025 - Today it's 1st day of my project planning

Dec 03, 2025- I went Home Depot and brought my plants



Dec 04, 2025 - Today I watered them, but in original pots.

Dec 05, 2025- I repotted them and put new soil in.



Dec 06, 2025- I clicked pictures as basic plant image

Dec 07, 2025- I planned my nutrients

Dec 08, 2025- I brought nitrogen fertilizer and arranged other nutrients

Dec 09, 2025 - I put different nutrients to each of them

Dec 10, 2025 - 1st Day of observation - I watered all plants and did measurements, all of them were 2.5 inches, with same soil but with different nutrient



Dec 11, 2025- it's a sunny day, I placed my plants near the window side.

Dec 12, 2025- Watered them again

Dec 13, 2025- Another day of observation- I saw little changes, but not much and clicked pictures again

Dec 14, 2025- Nothing noticed

Dec 15, 2025- Plants started showing signs of effects of nutrients

Dec 16, 2025 - I noticed early signs of growth and necrosis

All plants looks green and moist except one with calcium, I took measurements and clicked pictures



Dec 17-18, 2025- I Watered them again and add more required nutrients.

Dec 19, 2025- 3rd day of calculations - Today, I saw real changes on my plants.

Plant with water grows normally

Plants with Nitrogen was average but grow up

Plants with calcium and potassium starts deteriorates



Dec 20-22, 2025- I kept them in sunlight as much as possible

Dec 23, 2025- Another day of observation- I watered them and checked all plants.

All are changed already

Plants with Calcium, potassium and sodium starts turning purplish

One with water starts growing well and added few inches in size

Dec 24-26, 2025- No specific observation

Dec 27, 2025- I watered them again

Dec 28, 2025- I clicked pictures again and measured their length

I saw real effects of nutrients

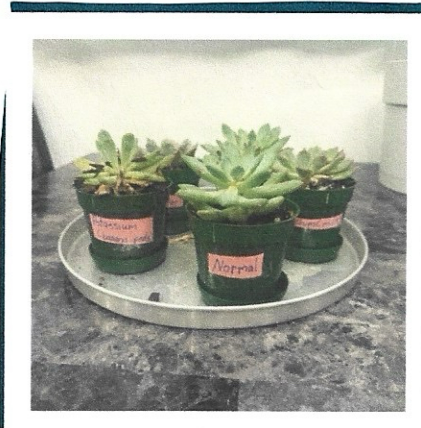
Plant with water grows normally

Plant with nitrogen turned purple

Plant with calcium turned purple with pink tips

Plant with potassium turned pale and root got dried

Plant with sodium started drying and very bottom leaves got died



Dec 29- Jan 5, 2026- I kept watering as required and kept under source of light

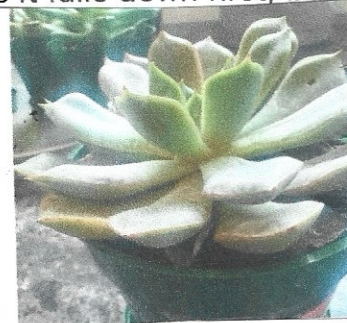
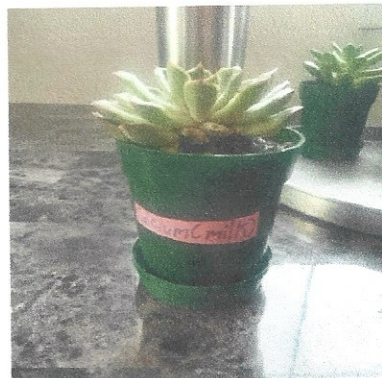
Jan 06, 2026- it's my last day of observation- I clicked pictures and write down final changes as my normal plant grows almost 6 inches

Nitrogen plant added another inch in it's height

One with calcium show some growth but not much

Plant with potassium started dying from roots

One with Sodium showed interesting effects as it falls down first, but eventually started growth



⇒ Nitrogen Plant (fertilizer)



Jan 07-13, 2026- It kept it at different places in my house, watering it as required and keeping in favourable environment.