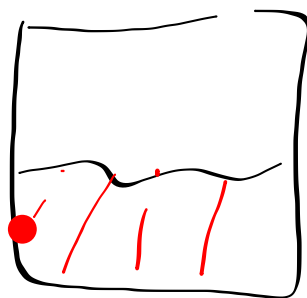
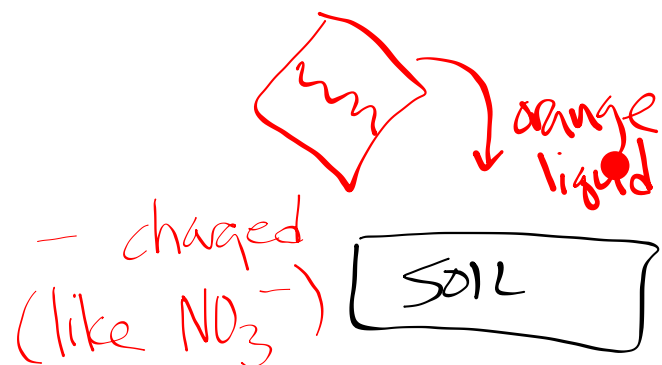
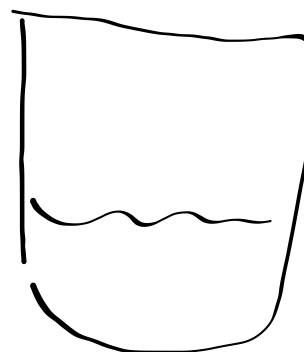
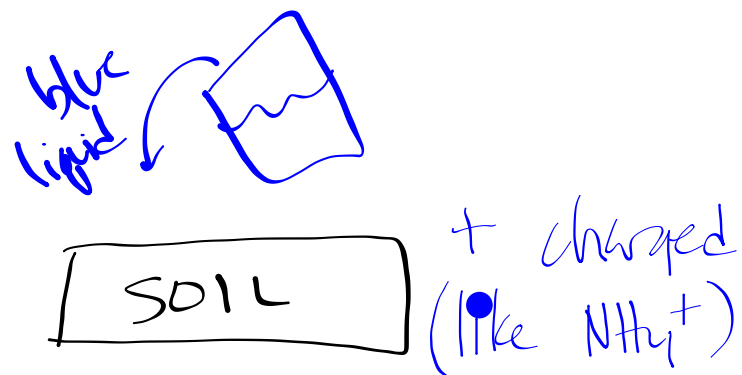


Soil nutrient activity:



still orange /
slightly orange



no blue color /
very slight blue color

- Soils have a charge (slightly)
- Orange liquid is negatively charged (NO_3^-)
- Blue liquid is positively charged (NH_4^+)

1. What kind of a charge does soil have (+ or -) and how do you know?
OPPOSITE CHARGES ATTRACT, and the blue + charges stick to the soil.

SOIL MUST HAVE A \ominus CHARGE

2. Which nutrient is more likely to be retained in the soil: nitrates (NO_3^-) or ammonium (NH_4^+)?

Ammonium - its \oplus will stick to soil's \ominus

3. Which nutrient is best for plants?

NO_3^- or NH_4^+ ?

It depends! (Mostly on soil moisture.)

