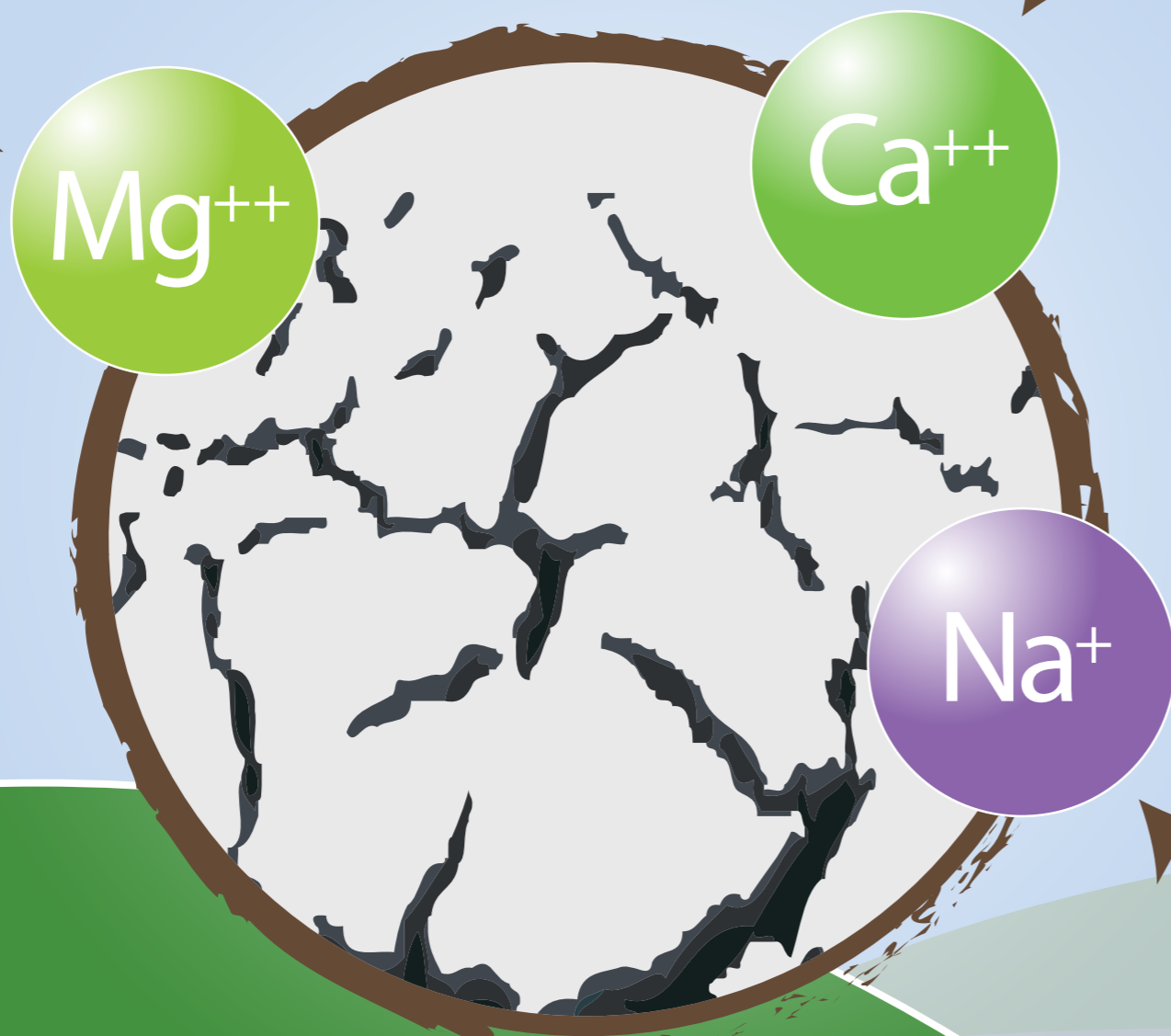




Food and Agriculture  
Organization of the  
United Nations

# Soil salinization and sodification



Increase in water-soluble salts in soil, including potassium, magnesium, calcium, chlorine, sulphate, carbonate, bicarbonate (salinization) or high sodium content (sodification). It negatively affects plant growth, reduces crop yields and can make soils unproductive.

SOURCE: STATUS OF THE WORLD'S SOIL RESOURCES - MAIN REPORT



THE SOIL SALINITY THREAT CAN BE CONTAINED BY DIRECT LEACHING OF SALTS, PLANTING SALT TOLERANT VARIETIES, PHYTOREMEDIATION, CHEMICAL AMELIORATION AND/OR USE OF ORGANIC AMENDMENTS



World  
Soil Day  
2016

USD 441/ha  
is the estimated  
annual cost  
of salt-induced  
land degradation



GLOBAL SOIL  
PARTNERSHIP



# Soil salinization and sodification

Condition



Trend

