(1) BPGT — bugs ext stuff in the soils poop out stuff that's good for plants (like NO3 — 3' NHy+)

Plants & animals require N to make proteins & DNA. Plants & animals cannot get N from the air Bugs can eat soil debris & produce N that plants can III & A

USe.

FO DO NAS

Soil organisms eat organic material ?
break it into smaller pieces

Sometimes, organisms ent a little bit of soil particles to help them digest organic material

Organic nitrogen comes in the form organic of relatively long chains - c-c los too big for plant roots to absorb. NOz- & NH4+ are small enough to be absorbed.

- Bleach kills all backing on instruments which allows us to see only the backing from the soil
- Soil permeability is the rate at which water move through soilgenerally, an "in between"
 rate keeps enough water in time?
 the soil for organisms to use
- Wilhout drowning

 Texture is the of of sand

 Silt, & clay in soil (particle size): (Texture to be a clay in soil (particle size): (Texture to be a clay to the six permeability, water of sixt to the content of the nutrients, types of plants of sand to the mineral angular of the sand to the sa