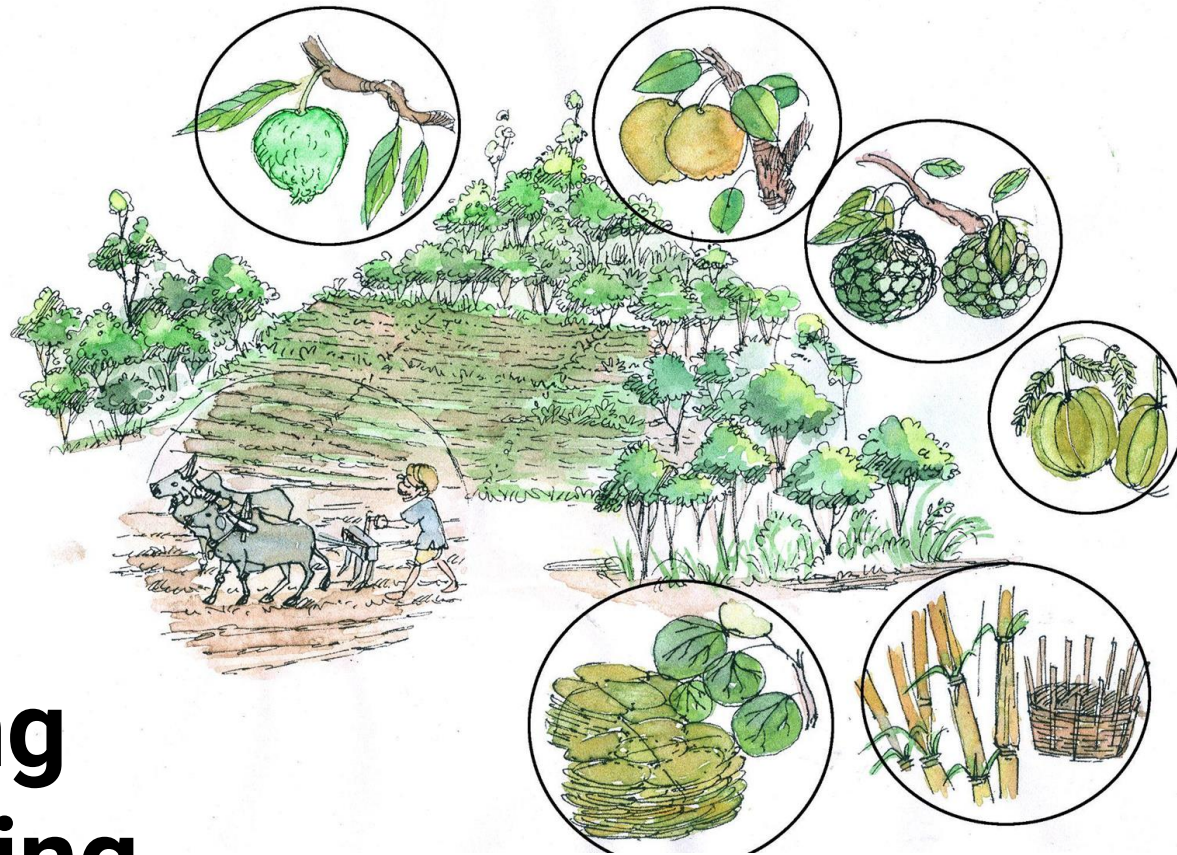




NATIONAL COALITION
FOR
NATURAL FARMING



Understanding Natural Farming Principles

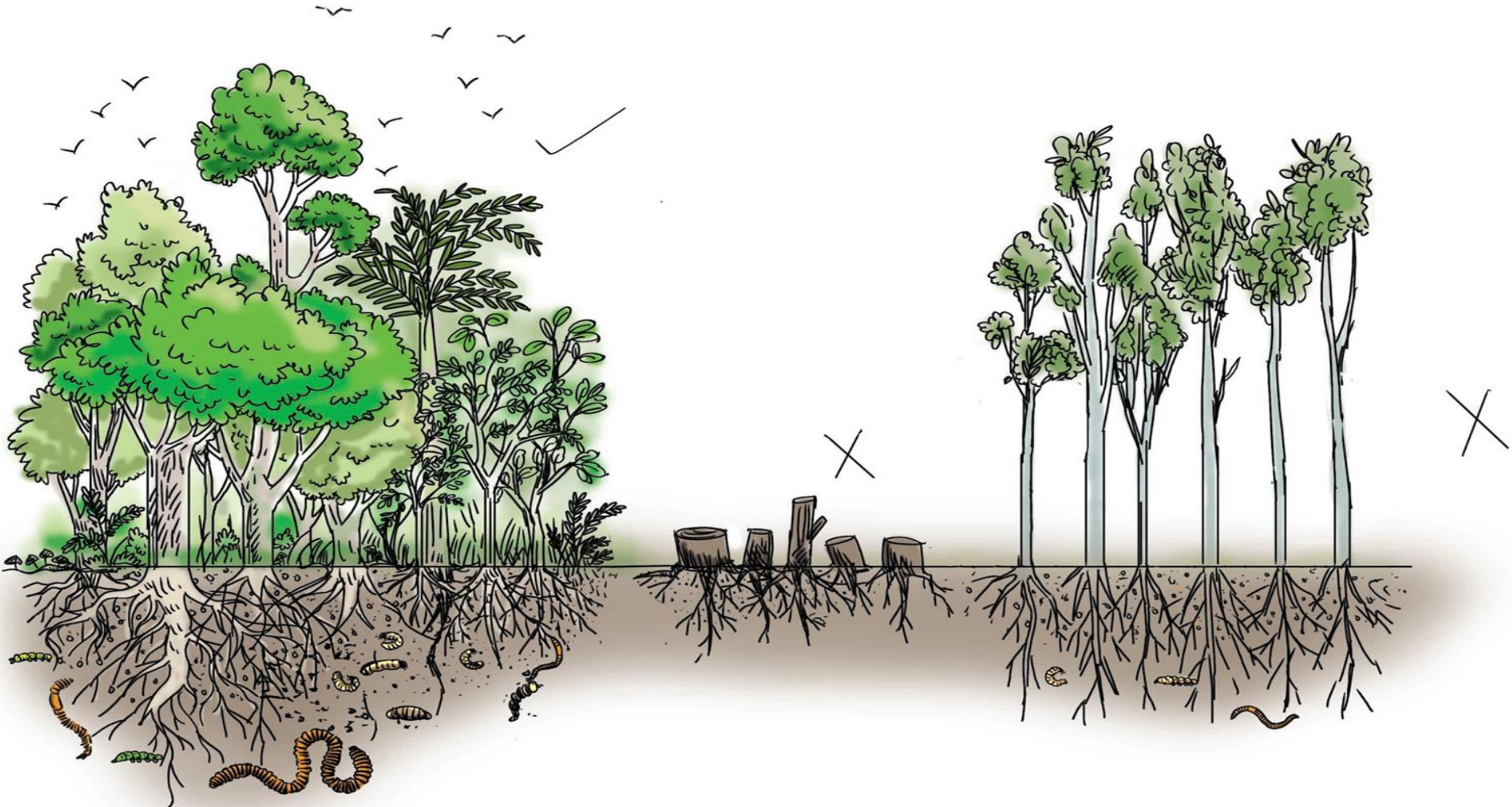
Natural Farming Training program for Gram Pradhans

How is your soil?



Is our soil dying?

What is a dead soil & what is alive soil?

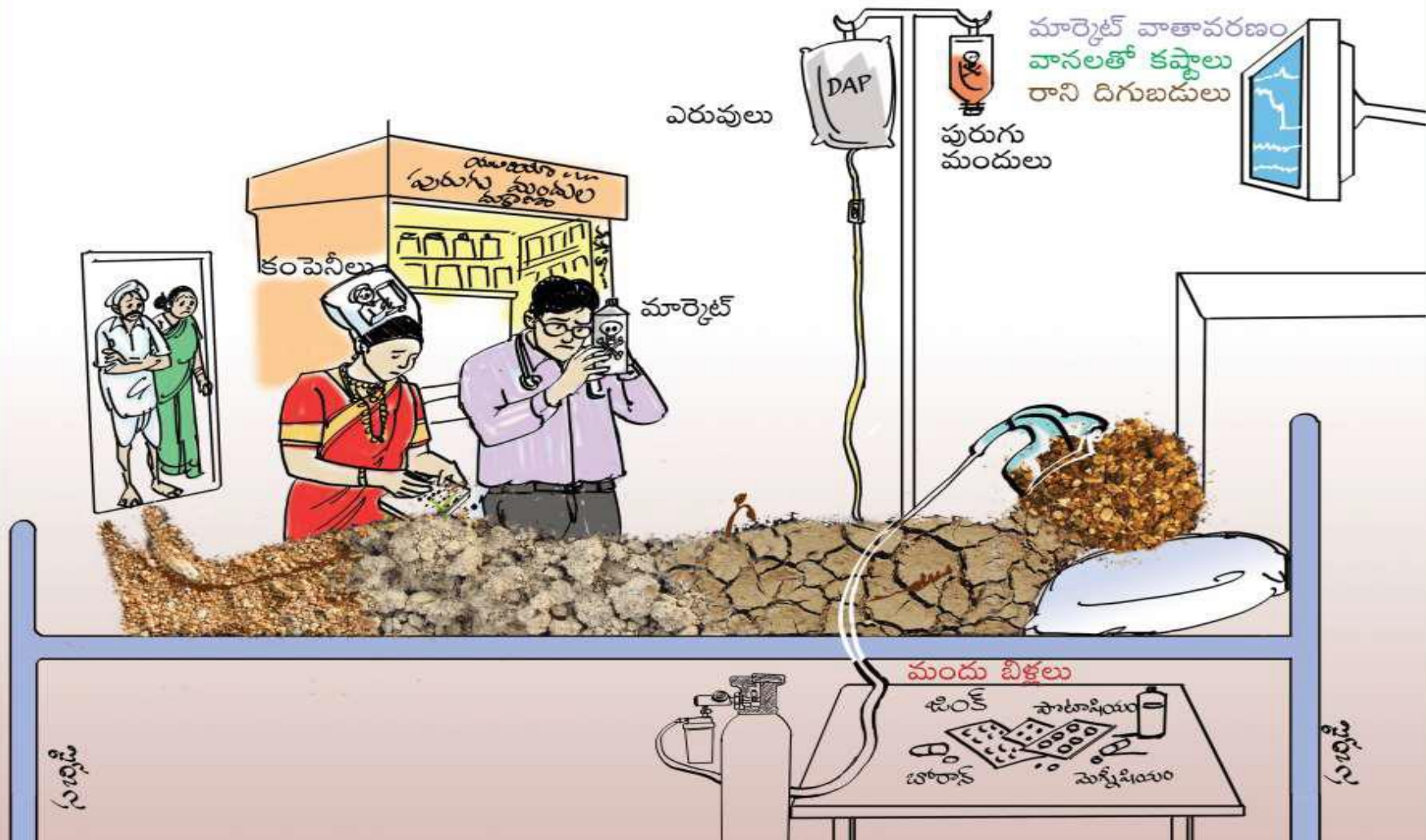


Why must our soil be alive?

What does it have?

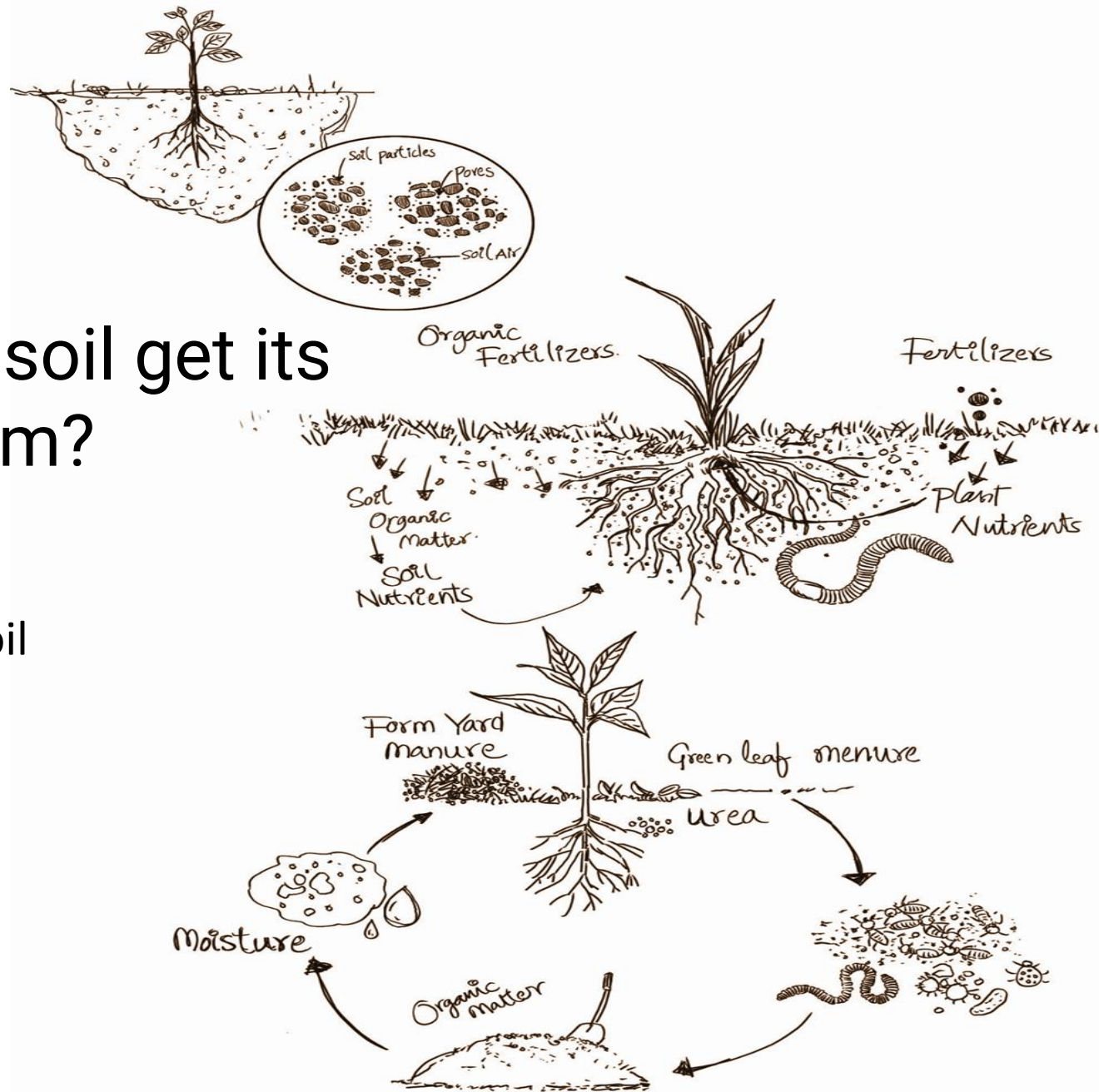


How can we bring back life in soil?

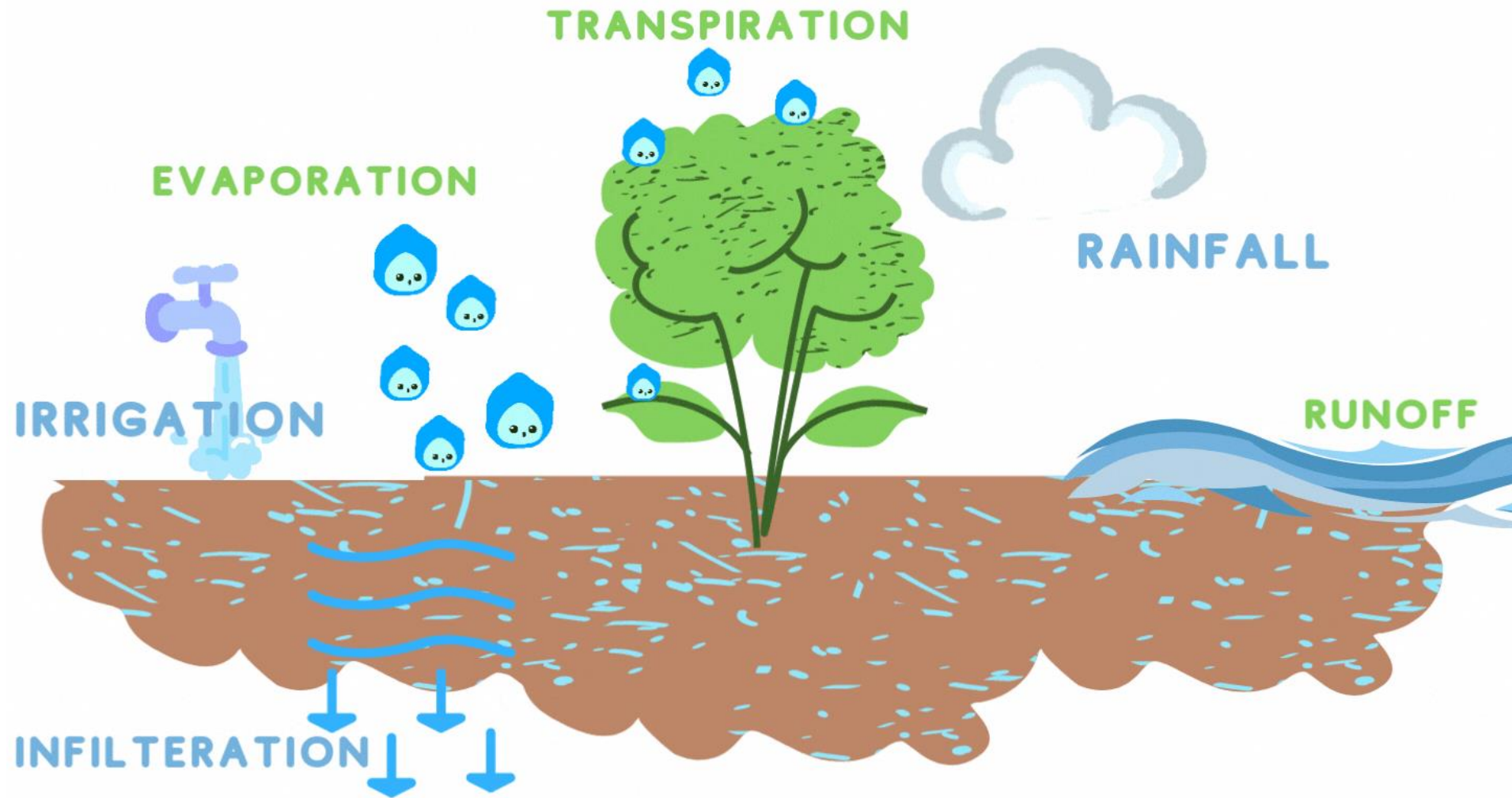


Where does soil get its nutrients from?

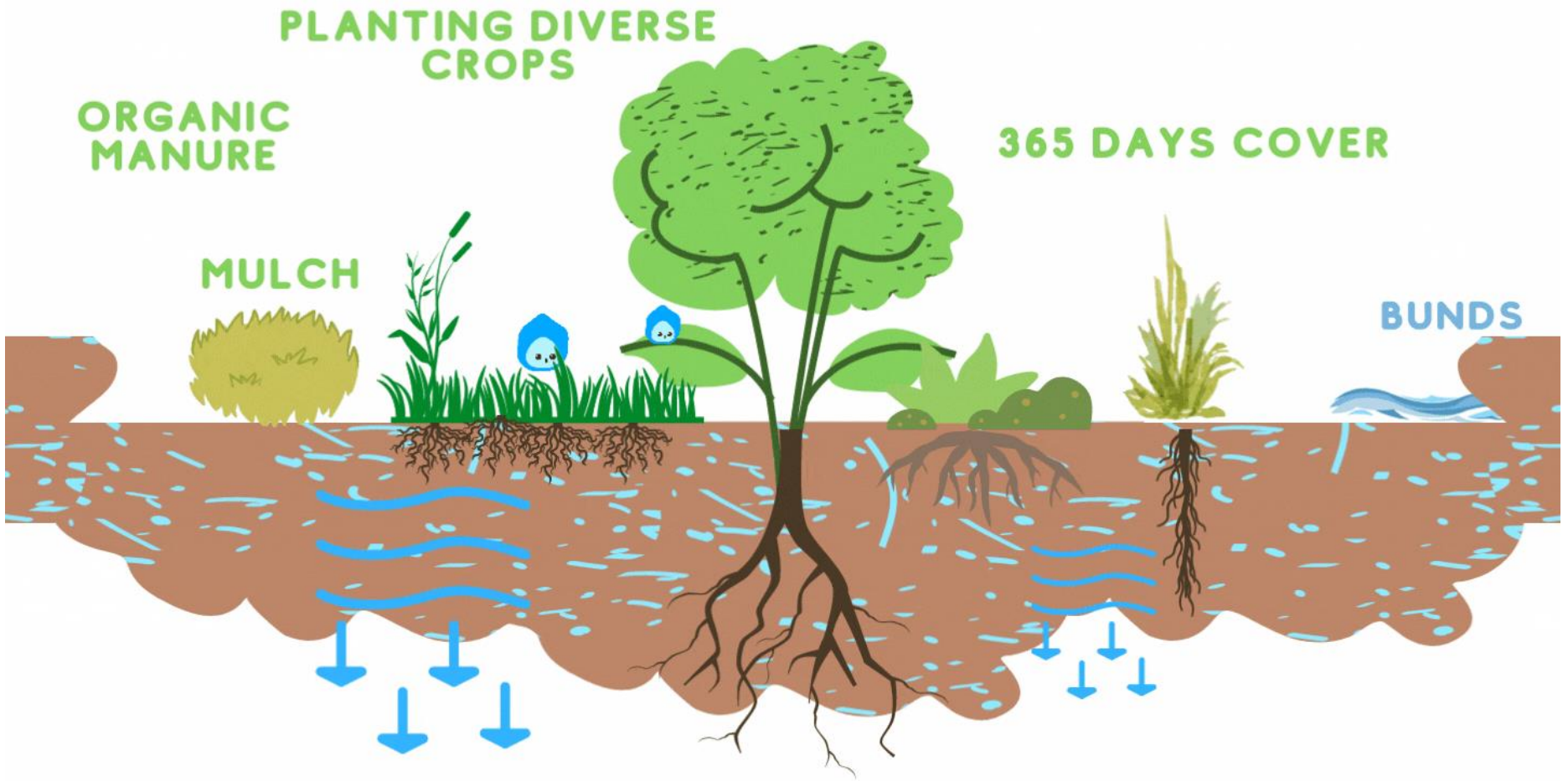
Organic matter is essential to keep soil alive



How does water flow?



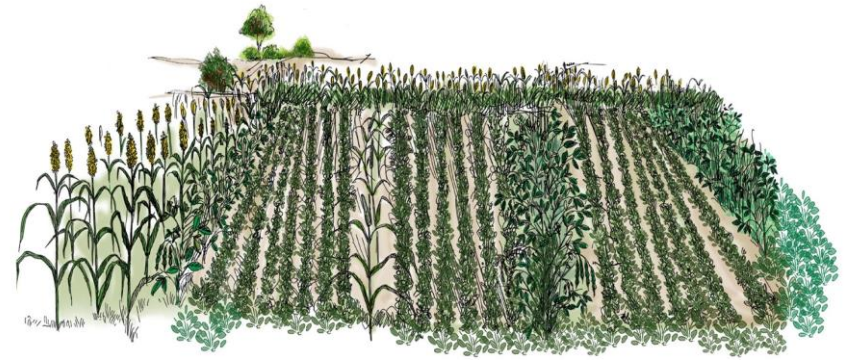
How can we improve soil moisture?



Organic matter holds and stores water!



How can we increase organic matters?



Multicropping

Composting



Usage of Indigenous Seed



Bio-stimulants



Integration of Livestock

What have we learned until now?

It is all about **organic matter and microbes!**

- Keep the soil covered both during and after the crop cycle (*Achhadana*)
- Add more organic matter



Farm field as the source for organic matter!

- Why source from the field?

Need loads of quantity of organic matter, sourcing from outside is not sufficient.

- How to source large quantities from the field?

- Crop diversification
- Indigenous seeds and crop systems
- On field composting



Is organic matter enough for bringing soil back to life?

Bio-stimulants are also needed to give nutrition to the plants

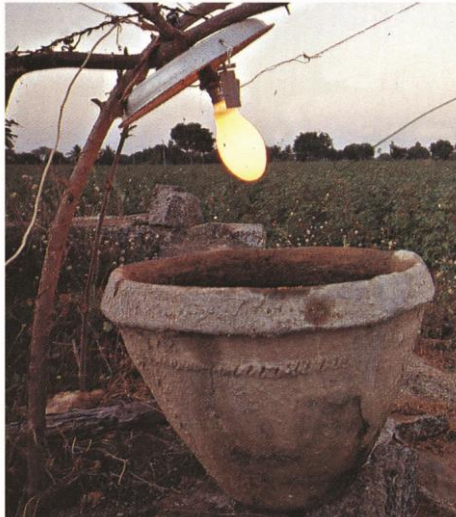
- Beejamrutam,
- Ghana jeevamrutam
- Jeevamrutam, etc



Pest & Disease Management

Prevention through **natural methods** of management

- Trap crops
- Light and sticky traps
- Friendly pests
- Botanical extracts such as Neemastra, Dashaparni Kashayam etc





365 days crop cover



Bio-stimulants as catalysts



Usage of Indigenous Seed



Diverse crops & trees

Principles of Natural Farming



Integration of livestock



No synthetic fertilisers, pesticides, herbicides, weedicides etc



Minimal disturbance to soil



Pest management through better agronomic practices & botanical extracts