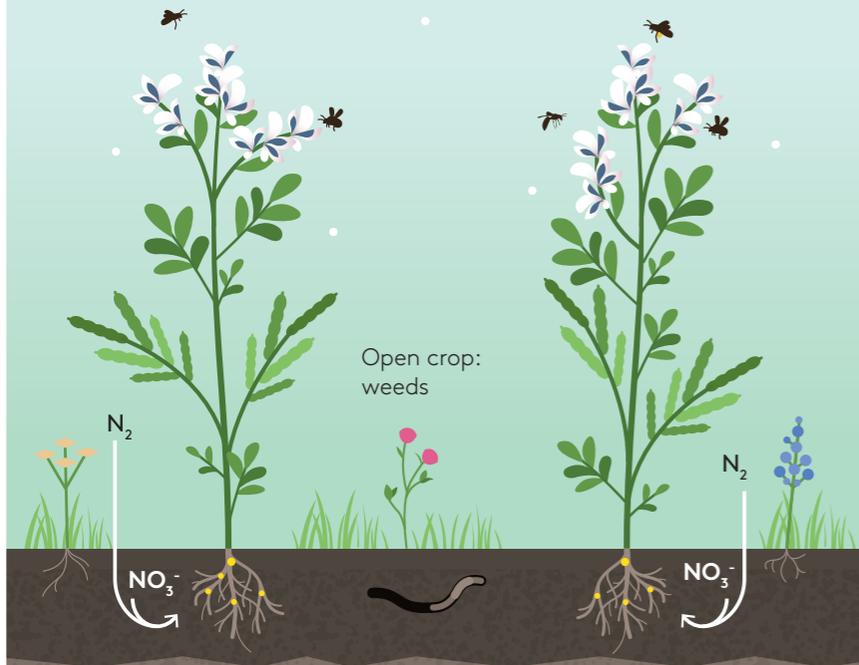


Legume monocrop

Protein crop

Flowers: pollinators

Open crop:
weeds



Nitrogen fixation in root nodules

Delivers nitrogen for following crop

Mobilisation of phosphate

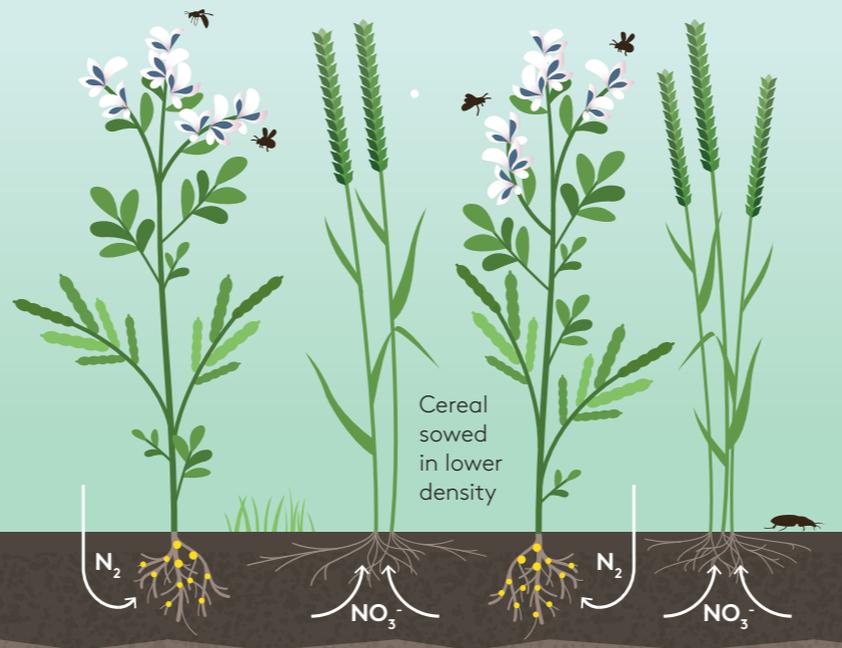
Cereal-legume mixed crop

Legume fixates more N_2

Higher total yield



Higher protein level cereal



Self provisioning for nitrogen

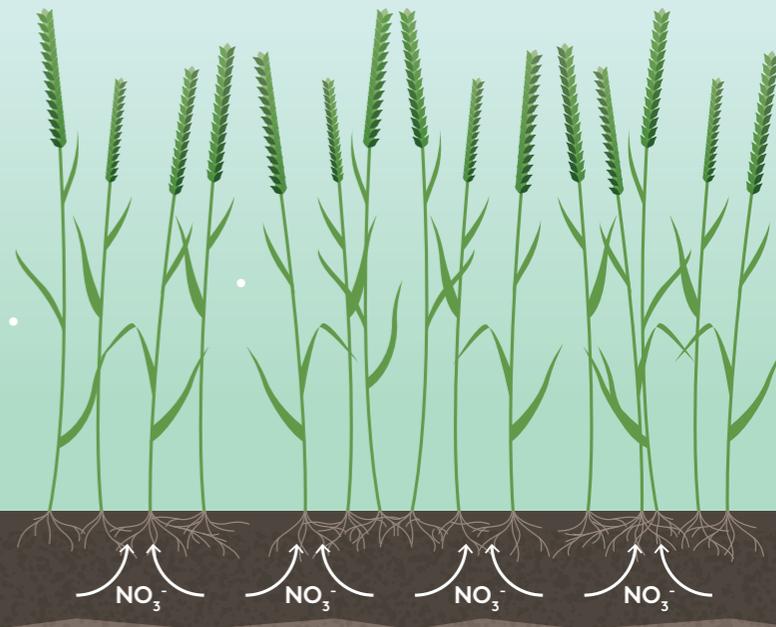
Roots more evenly distributed in soil

More NO_3^- per cereal plant

Cereal monocrop

Low protein level in kernel

No pollinators



Rapid soil coverage

Intensive rooting