

# SOIL HEALTH PRINCIPLES

## LIVING ROOTS

MAINTAIN A LIVING ROOT SYSTEM YEAR-ROUND TO PROMOTE AN ONGOING SOIL ECOSYSTEM.



## KEEP SOIL COVERED

MAXIMIZE SOIL COVER TO PROTECT AGAINST EROSION AND IMPROVE WATER RETENTION.



## ANIMAL INTEGRATION

INTEGRATE STRATEGIC ROTATIONAL GRAZING AND OTHER ANIMAL MANAGEMENT PRACTICES TO IMPROVE SOIL FERTILITY THROUGH INCREASED MICROBIAL DENSITY AND ORGANIC MATTER (I.E. MANURE).



## MINIMIZE SOIL DISTURBANCE

DECREASE THE AMOUNT OF PHYSICAL (TILLAGE) AND CHEMICAL (INPUTS) DISTURBANCE TO THE SOIL ECOLOGY.



## DIVERSITY & BIODIVERSITY

INCREASE THE VARIETY OF LIFE FORMS IN AND AROUND THE SOIL INCLUDING MICROBIAL, FLORA AND FAUNA.

