

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.

