

HOW
TO

enhance soil organic matter content

LET'S SEE
WHAT YOU CAN DO TO
ENHANCE THE SOIL ORGANIC
MATTER CONTENT OF YOUR SOIL
IN A SUSTAINABLE MANNER

UNSUSTAINABLE
MANAGEMENT

SUSTAINABLE
MANAGEMENT

BARE SOIL

ADDING COMPOST, MULCH,
PLANT RESIDUES, GREEN MANURE

EXCESSIVE OR
INAPPROPRIATE TILLAGE

REDUCED TILLAGE
(decreased tillage frequency and depth)

EXCESSIVE WATERING

SUSTAINABLE WATER
MANAGEMENT

OVERGRAZING

SUSTAINABLE GRAZING
& PASTURE MANAGEMENT
(e.g. grazing frequency and intensity)

CONVENTIONAL
FARMING/MONOCULTURE

CROP VARIETY MIXTURE,
INTERCROPPING, CROP ROTATION

MISUSE OF FERTILIZERS
(Overuse, misuse and underuse of fertilizers)

JUDICIOUS USE OF FERTILIZERS