

Food and Agriculture Organization of the United Nations

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

UNSUSTAINABLE MANAGEMENT

**BARE SOIL** 

# enhance SOll Organic matter content

# ADDING COMPOST, MULCH, PLANT RESIDUES, GREEN MANURE

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## EXCESSIVE OR INAPPROPRIATE TILLAGE

#### REDUCED TILLAGE (decreased tillage frequency and depth)

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# EXCESSIVE WATERING

OVERGRAZING

#### SUSTAINABLE WATER MANAGEMENT

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

CROP VARIETY MIXTURE,

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25

50



CONVENTIONAL

## FARMING/MONOCULTURE

### INTERCROPPING, CROP ROTATION

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

# JUDICIOUS USE OF FERTILIZERS

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SUSTAINABLE MANAGEMENT

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GLOBAL SOIL PARTNERSHIP