

HOW TO

soil prevent pollution on agricultural fields

PROMOTING FACTORS

Inappropriate use of agro-chemicals (source, rate, place and time)

USE OF AGRO-CHEMICALS

Choose eco-friendly inputs

Adoption of sustainable practices such as sustainable soil management, integrated soil fertility management and integrated pest management

Use soil tests to determine input needs

PREVENTATIVE MEASURES

USING PERSONAL PROTECTIVE GEAR (GLOVES, EYEWEAR AND MASKS) CAN ALSO HELP PROTECT YOUR HEALTH

Antibiotics and hormones for disease prevention and growth promotion

USE OF ANIMAL MANURE

Use antibiotics only when it is needed and reduce the use of hormones

Preserve the quality of waterbodies by applying manure at the right time, using the right rate and at the right place

Fodder with heavy metals

Manure and slurry contain pharmaceuticals and heavy metals

Check the quality of your fodder

Properly composed manure

WASTE MANAGEMENT

Proper waste disposal including hazardous and recyclable materials

Properly compost organic waste to reduce pathogens and promote nutrient recycling

Plastics

Oil

Obsolete pesticide and packaging

Keep waste out of farm

Uncomposted organic matter

LAND USE AND AGRICULTURAL PRACTICES

Minimize the risk of pollution as much as possible

Base your agricultural decisions, including crop selection, on soil analyses

UNSUSTAINABLY MANAGED SOIL

SUSTAINABLY MANAGED SOIL

Cultivating fields exposed to contaminants from mines, factories and urban areas

Unmanaged machinery use

Use cover crops and organic mulch

Use plant barriers and other measures to protect your field from potentially polluting activities nearby

Plastic mulch

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