EEE Assignment 1

QI What is the impact of pesticides usage on ecosystem?

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Malausia. Malaysia - 2012

1. Pesticides slow down the growth of young pappy due to accumulation of residue.

It can also destroy the aquatic microbes & disturb 3. It causes difficulty & health issues to farmers.
Problem in briedling, stomach ache, vomiting etc.

Living things in paddy field Also face problems.

5. Brid, duck, chicken are found dead in the nows or in drain.

Q2 How are grasslands important for ecosystem? A2. Lucien Carlier, Ioan Rotar, Mariana Vahova, Romana Violican Blegium, Romfania, Bulgaria - 2009

In many countries of the world, pastoral rangelands are the primary & only resource on which both wild Le domesticated herbivores depend.

Grasslands are able to sequester about the double quantity of C in the soil in comparison to arable land

Poplar, willow, perennial grass species Miscanthus and wheat structur, recognised as energy crop for the second, generation fuel, are the main sources of biomass relevant to the member states of Eu-

Grassland produces conjugated linoleic acid (CLA) which is a potent anti-coucinogen.

5. Indigenous peoples [of Ev] have relognised vetiver grass for its medicinal uses, for thatching, much a feed, and for soll & moisture conservation. feed, and for soil & moisture conservation.

03. What are the ecosystem services in Urban areas) A-3 Erik Gomez - Buggesthun, David N-Barton Spain, Norway - 2012 2 Urban Temp. Regulation - Trees and other volcin regetation provides shade, create humidity & block wind, so regulating the temp.

2. Noice reduction - Absorption of sound waves by regetation variers, especially roadside. vehicle noice alsosption. Air purification - decreases the quantity of pollutants & increase the O2 level by www. Regetation.

Recreation & Cognitioner development - Green spaces / parks provide opportunities for physical energise, improved mental health & rognitive development. Moderation of Environmental season entremes -Ecosystems such as mangroves act as natural bavilles from storms, waves, floods, huvicans and tsinamis. Vegetation controls landslides & heat waves. 04 How plastics affect soil ecosystem? A.4 Matthias C. Rillig, Eva Leifheit, Johannes Lehmann New York, USA - 2021 2. It causes changes in soil structure & bulk density, which can affect root junetration rusistance, changes in water holding capacity etc. 2. Biodegradable plastic might solo slow down nutrient flow since microbial communities get s. Micro plastic have both positive & negative effects on plant growth depending variety of plant & plastic size. Microplastic affects litter decomposition by altering C: N ratio (c-carbon, N: rutrogen) 5. Microplastic could increase the molecular diversity of soil carbon by adding novel polymers, & especially through the Itoad range of additives they contain.