



Activity 29: The Apple Story

Connect the statements to the fitting type of farming:



Uses intensive tillage as preparation of fields, which can lead to erosion and impacts underground network

Promotes fair use and ethical trading practices

This type of farming threatens human health causing rising greenhouse gas emissions, soil erosion and groundwater pollution

Uses practices that maximize productivity and profit while minimizing environmental damage

Includes application of synthetic chemical fertilisers, fungicides, insecticides, herbicides

Crops need to integrate more metabolites to protect themselves against stress like weed competition, diseases, deficiencies

Methods like using cover crops are implemented. Those crops don't bring any profit but their purpose is solely to improve the soil for the next cash crop and avoids erosion and nutrient loss

Before planting plants, fields are being watered using complex combinations of canals, channels and hoses which drain water out rivers to make the field moist and ready for agriculture (Irrigation)

Uses composted animal manures and green manure crops as a fertilizer

The methods are highly productive and also highly resource demanding and energy intensive

Water is applied directly to the plant root zone for watering

This farming type causes pesticide accumulation, degradation of soil structure and nitrate leaching

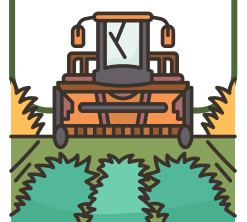
Different types of crops are growing in a sequence on the same land, to mimic a natural system

Opposes the use of child and forces labor in accordance with local laws and globally accepted standards



**SUSTAINABLE
FARMING**

**CONVENTIONAL
FARMING**



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