



- Soft soil
- Erosion
- Compaction
- Release of CO₂ from the soil



- Inexpensive, no nutrient input needed
- Depletion (total destruction of the ecosystem with no possible regeneration)



- Plant hydration
- Evaporative moisture loss in the soil



- Easy to administer
- The weeds it targets develop resistance
- Compaction of soil
- Operator health hazards
- Crop weakening



- Reduced need for people



- Easy to administer
- The pests it targets develop resistance
- Persistent residues in food and environment
- Biodiversity damage (bees, butterflies, amphibians and fish)
- Contamination during the production process



- Easy to plan
- Easy to machine
- Depletion of soil nutrients



- Extends the varieties that can be grown in an area
- Electricity consumption
- Use of plastics



- Inexpensive and easy to apply
- Soil compaction
- Leachate (nutrients seep into deep layers)
- Eutrophication (of land and water)
- Dependence on external inputs that increases every year
- Soil contamination (heavy metals, sodium)
- Imbalance of microbiota



- Extends the varieties that can be grown in an area
- Reduces biodiversity in each zone