



Photo courtesy of Iowa NRCS

ADVANTAGES OF REDUCING SOIL EROSION

1. Maintain or increase productivity by keeping soil in place.
2. Improve water quality by preventing soil and associated nutrients from entering streams.
3. Keep nutrients in place for the crop to utilize.
4. Improve nutrient cycling due to soils staying in place.
5. Better soil structure to increase infiltration and water-holding capacity and reduce runoff.
6. More soil biodiversity because soil is held in place.
7. Stable soils tolerate weather extremes better than eroded soils.
8. Better aggregate stability and soil health due to increased residue.
9. Less cost to farmers because of reduced nutrient and soil carbon loss.
10. Potential increase in land value in fields with less erosion and better soil health.

Sources: Iowa Learning Farms, Iowa State University Extension, Natural Resources Conservation Service