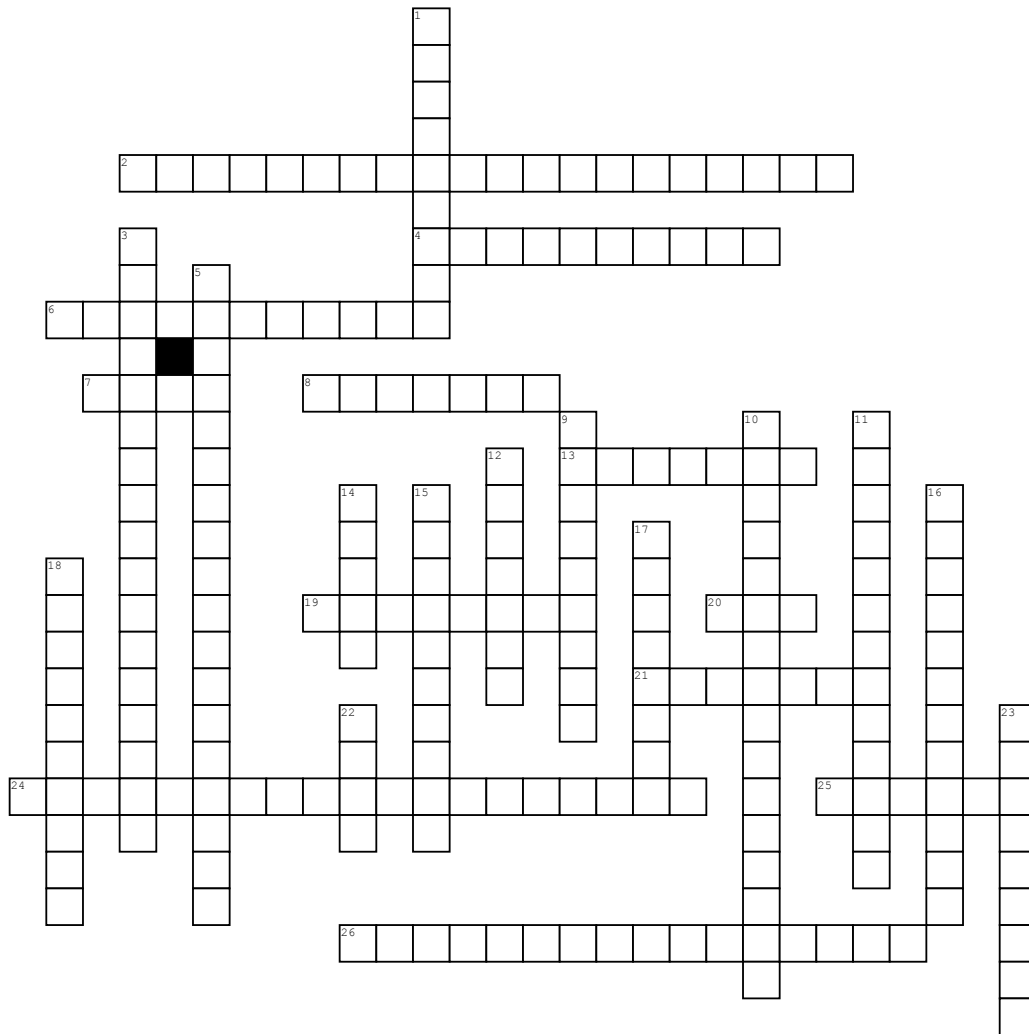


# Soil Conservation



**Across**

- 2. Type of weathering in which rock is physically broken into smaller pieces.
- 4. Process that splits rock when water seeps into cracks, then freezes, and expands.
- 6. Layer of soil that differs in color and texture from the layer above it or below it.
- 7. Rich, fertile soil that is made up of about equal parts of clay.
- 8. mixture of humus, clay and other minerals that forms the crumbly topmost layer of soil.
- 13. Process by which water ice, wind, or gravity moves weathered rock, or soil.
- 19. Area of Great Plains where wind erosion caused soil loss during the 1930s.
- 20. Thick mass of grass roots and soil.
- 21. Layer of soil beneath the topsoil that contains mostly clay and other minerals.

- 24. Soil conservation method in which the ead stalks from the previous years crops are left to hold the soil place.
  - 25. Loose layer of dead plant leaves and stems on the surface of soil.
  - 26. Anything in the enviorment that humans use.
- Down**
- 1. Chemical change in which a substance combines with oxygen, as when iron oxidize, forming rust.
  - 3. Geologic principle that the same geologic process that operated in the past to change Earth's surface.
  - 5. Process that own rock through chemical changes.
  - 9. Measure of how well soil supports plant growth.
  - 10. Management of soil to prevent its destruction.
  - 11. Plowing fields along the curves of a slope to prevent soil loss.
  - 12. Solid layer of rock beneath soil.
  - 14. Dark- colored organic material in soil.
  - 15. A chemical and physical process that breaks down rock at Earth's surface.
  - 16. Planting of diffirent crops in a field each year to maintain the soils fertility.
  - 17. The grinding away of rock by other rock particles carried in water, ice, or wind.
  - 18. Soil organism that breaks down the remains of the organisms, and digest them.
  - 22. Weathered material on Earth's surface in which plants can grow.
  - 23. A matieral full of tiny, connected air spaces that water can seep through.

**Word Bank**

- |                     |                      |                    |                       |
|---------------------|----------------------|--------------------|-----------------------|
| Oxidation           | Conour Plowing       | Topsoil            | Litter                |
| Bedrock             | Dust Bowl            | Subsoil            | Abrasion              |
| Soil Conservation   | Weathering           | Soil Horizon       | Uniformitarianism     |
| Loam                | Soil                 | Humus              | Ice Wedging           |
| Sod                 | Conservation Plowing | Decomposer         | Mechanical Weathering |
| Permeable           | Erosion              | Natuaraal Resource | Crop Rotation         |
| Chemical Weathering | Fertility            |                    |                       |