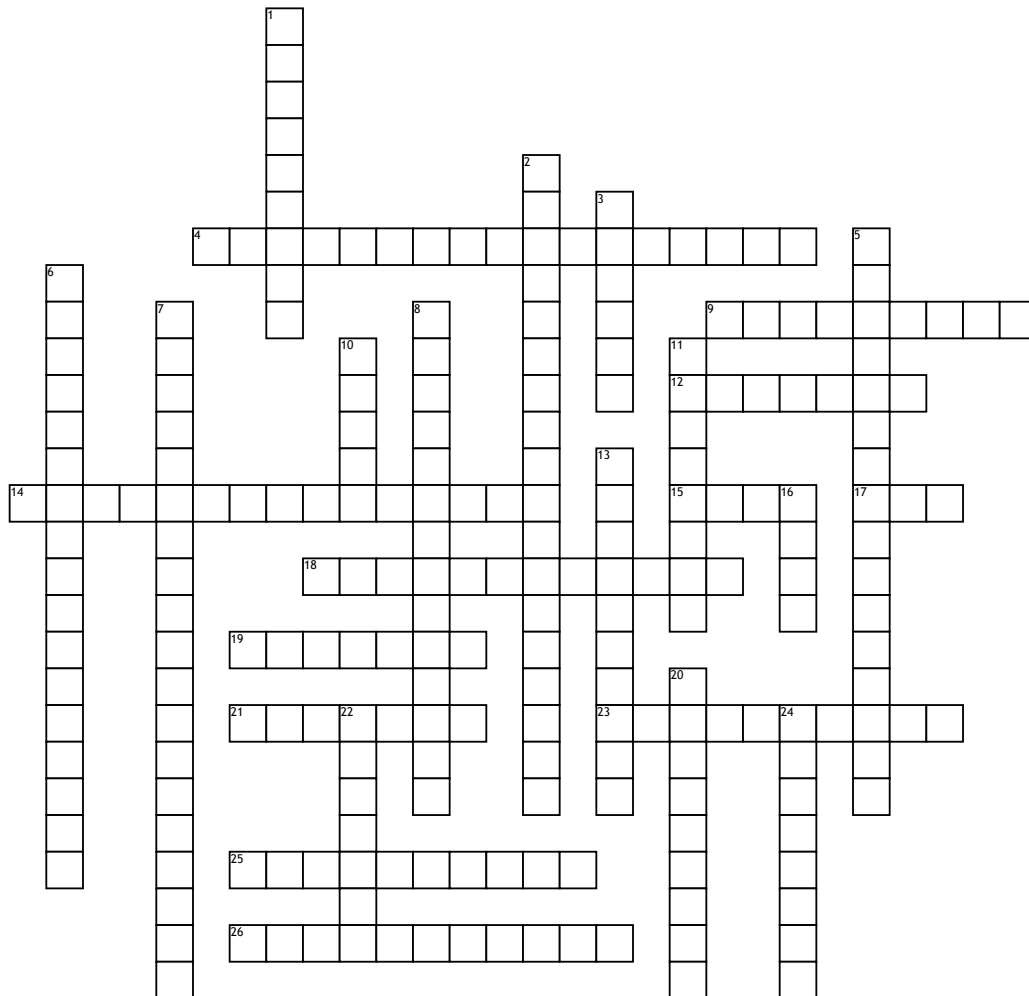


# Soil conservation



**Across**

- 4. The geologic principle that the same geologic process that operate today
- 9. A measure of how well soil supports plant growth
- 12. The solid layer of rock beneath the soil
- 14. Anything in the enviroment that humans use
- 15. The loose, weathered material on earth's surface in which plant can grow
- 17. A thick mass of grass roots and soil
- 18. The planting of different crops in a field each year to maintain the soil's fertility
- 19. The process by which water ice, or wind or gravity moves
- 21. Mixture of humus, clay and other minerals that forms the crumbly, topmost layer of soil

- 23. Process that splits rock's when water seeps into crack's then freezes and ezpands
- 25. Soil organism that breaks down the remains of organism and digest them
- 26. The layer of soil that differs in color and texture from the layers above or below

**Down**

- 1. A chemical change in which a substance combines with oxegyen as when iron oxides forming rust
- 2. The type of weathering in which rock is physcally into smaller pieces
- 3. The loose layer of dead plant leaves and stems on the surface of the soil
- 5. The management of soil to prevent it's destruction
- 6. The process that breaks down rock through chemical changes

- 7. The dead stalks from the previous years crop are left in the ground to hold the soil in place.
- 8. Plowing fields along the curves of a slope to prevent soil loss
- 10. Dark colered organic material in soil
- 11. The grinding away of rock by other rock particles carried in water, ice or wind
- 13. The chemical and physical process that break down rock at earth's surface
- 16. Rich, fertile soil that is made up of about equal parts of clay, sand, and silt
- 20. Characheristics of a material that is full of tiny connected that water can seep through
- 22. The layer of soil beneath the topsoil that contains mostly clay and other minerals
- 24. The area of the great plains where wind erosion caused soil loss during the 1930's

**Word Bank**

- |                   |                      |                     |                 |                    |
|-------------------|----------------------|---------------------|-----------------|--------------------|
| sod               | subsoil              | erosion             | permeable       | litter             |
| decomposer        | weathering           | fertility           | Dustbowl        | loam               |
| soil conservation | crop rotation        | natural resource    | abrasion        | soil horizon       |
| oxidation         | Bedrock              | soil                | contour plowing | topsoil            |
| uniformitarianism | conservation plowing | Meanical weathering | Ice wedging     | chemical wethering |
| humus             |                      |                     |                 |                    |