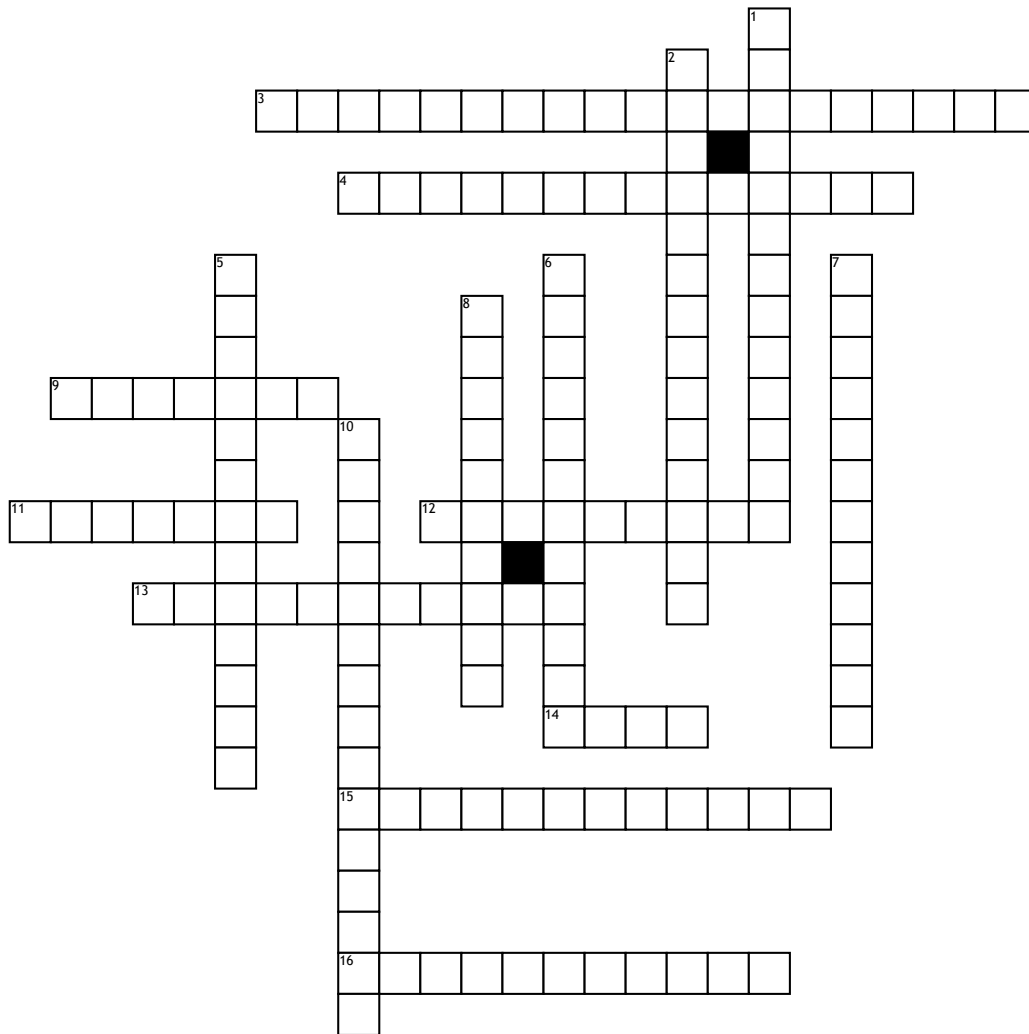


Soils



Across

- 3. Soil turnover is reduced
- 4. the base geological material in a particular location
- 9. the continuous mass of solid rock that makes up Earth's crust
- 11. Pick-up, transport, and drop-off of material from one place to another
- 12. Steep slopes turned into "steps"
- 13. cross section of all the soil horizons
- 14. a complex plant-supporting system made up of disintegrated rock, remains and wastes of organisms, water, gases, nutrients and microorganisms
- 15. Crops are alternated

- 16. animals eating too much of the plant cover, impeding growth

Down

- 1. Different crops mixed together
- 2. Planting perpendicular to hill's slope
- 5. Breakdown of waste, organisms, and organic material (living or once-living) into simple molecules
- 6. Tall plants block wind
- 7. distinct layers of soil
- 8. describes the physical and chemical processes that break down rocks and minerals into smaller particles

- 10. loss of more than 10% of productivity due to erosion, soil compaction, forest removal, overgrazing, drought, salt buildup, climate change, depletion of water sources, and other factors

Word Bank

- | | | | |
|----------------------|---------------|-----------------|---------------|
| Conservation tillage | Crop rotation | Contour farming | Decomposition |
| parent material | weathering | Intercropping | shelterbelts |
| desertification | soil profile | soil | bedrock |
| soil horizons | Terracing | Erosion | overgrazing |