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soil conservation

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| **Across****6.** The chemical and physical process that can break down at Earth's surface**8.** Anything in the environment that humans use.**10.** The type of weathering in which rock is physically broken into smaller pieces.**13.** The area of the Great Plains where wind erosion caused soil loss during the 1930's.**14.** Dark colored organic material in soil.**15.** The loose layer of dead plant leaves and stems on the surface of the soil.**16.** Soil organism that breaks down the remains of organisms and digets them.**18.** The layer of soil beneath the top soil that contains mostly clay and other minerals.**19.** The layer of soil that differs in color and texture from layers above or below it**21.** The geologic principle that the same geologic process that operate today, operated in the past to change Earth's surface.**24.** The managment of soil to prevent it's destruction.**25.** The process that breaks down rock through chemical changes.**26.** The planting of diffrent crops in a field each year to maintain the soils fertility | **Down****1.** Characteristics of a material that is full of tiny, connected air spaces that water can seep through.**2.** Process that splits rock when water seeps into cracks, then freezes and expands.**3.** The solid layer of rock beneath the soil.**4.** The loose, weathered material on Earth's surface in which plants can grow.**5.** Soil conservation method in which the dead stalks from previos year's crop are left in the ground to hold the soil in place.**7.** Plowing fields along the curves of a slope to prevent soil loss.**9.** A measure of how well soil supports plant growth.**11.** The grinding away of rock by other rock particles carried in water, ice, or wind.**12.** Mixture of humans, clay, and other minerals that forms the crumbly, top most layer of soil.**17.** The process by which water, ice, wind, or gravity moves weathered rock or soil.**20.** Rich, fertile soil that is made up of about equal parts of clay, sand, and silt.**22.** A thick mass of grass roots and soil.**23.** A chemical change in which a substance combines with oxygen, as when iron oxides, forming rust. |