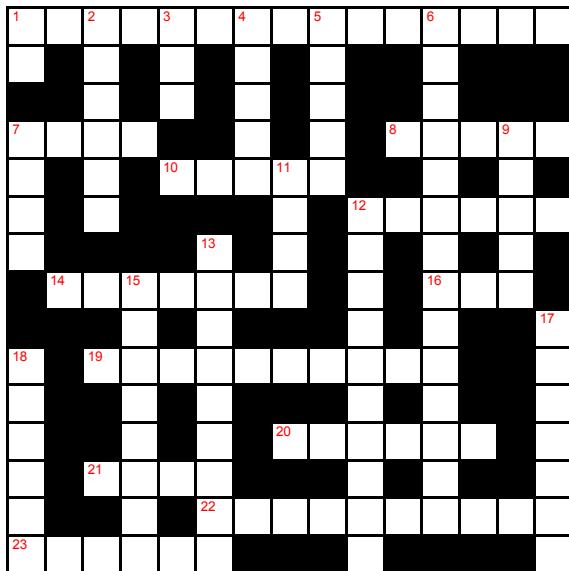


Soil _Science_ 15x15_ 2006-11-21

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Across

- 1 The mass per unit volume of the soil particles. (8,7)
- 7 A compact, coherent mass of soil produced by digging or ploughing. (4)
- 8 A compact mass. (5)
- 10 A fine-grained unstratified accumulation of clay and silt deposited by the wind. (5)
- 12 A soil which is suitable for production of cultivated crops in an economical and practical manner. (6)
- 14 A mixture with properties between those of a solution and fine suspension. (7)
- 16 Substance remaining after ignition of plant material. (3)
- 19 The upper surface of groundwater or that level in the ground

where the water is at atmospheric pressure. (5,5)

- 20 Rock fragments 250 to 600 mm in diameter. (6)
- 21 A small channel (as one formed by soil erosion). (4)
- 22 The transportation of soil material in suspension or in solution within the soil by the downward or lateral movement of water. (10)
- 23 A parasitic plant lacking chlorophyll and leaves and true stems and roots and reproducing by spores. (6)

Down

- 1 The negative logarithm of hydrogen ion activity (concentration). (2)
- 2 The portion of the total precipitation on an area that flows

away through stream channels. (6)

- 3 A particle that is electrically charged (positive or negative). (3)
- 4 Not compact or dense in structure or arrangement. (5)
- 5 Wind-built ridges and hills of sand. (5)
- 6 The total of all tillage operations, cropping practices, fertiliser, lime, and other treatments of soil conducted for the production of plants. (4,10)
- 7 Soil that is plastic when moist but hard when fired. (4)
- 9 A protective covering of rotting vegetable matter spread to reduce evaporation and soil erosion. (5)
- 11 A soil comprising particles between 0.05 and 2.0 mm in diameter. (4)
- 12 A substance that is produced by a species of microorganism and, in dilute solution, has the capacity to inhibit the growth of or kill certain other organisms. (10)
- 13 One of the fundamental units forming a chemical compound. (9)
- 15 The removal from the soil of materials in solution. (8)
- 17 Accumulated earth and stones deposited by a glacier. (7)
- 18 Elevations or inequalities of a land surface, considered collectively. (6)