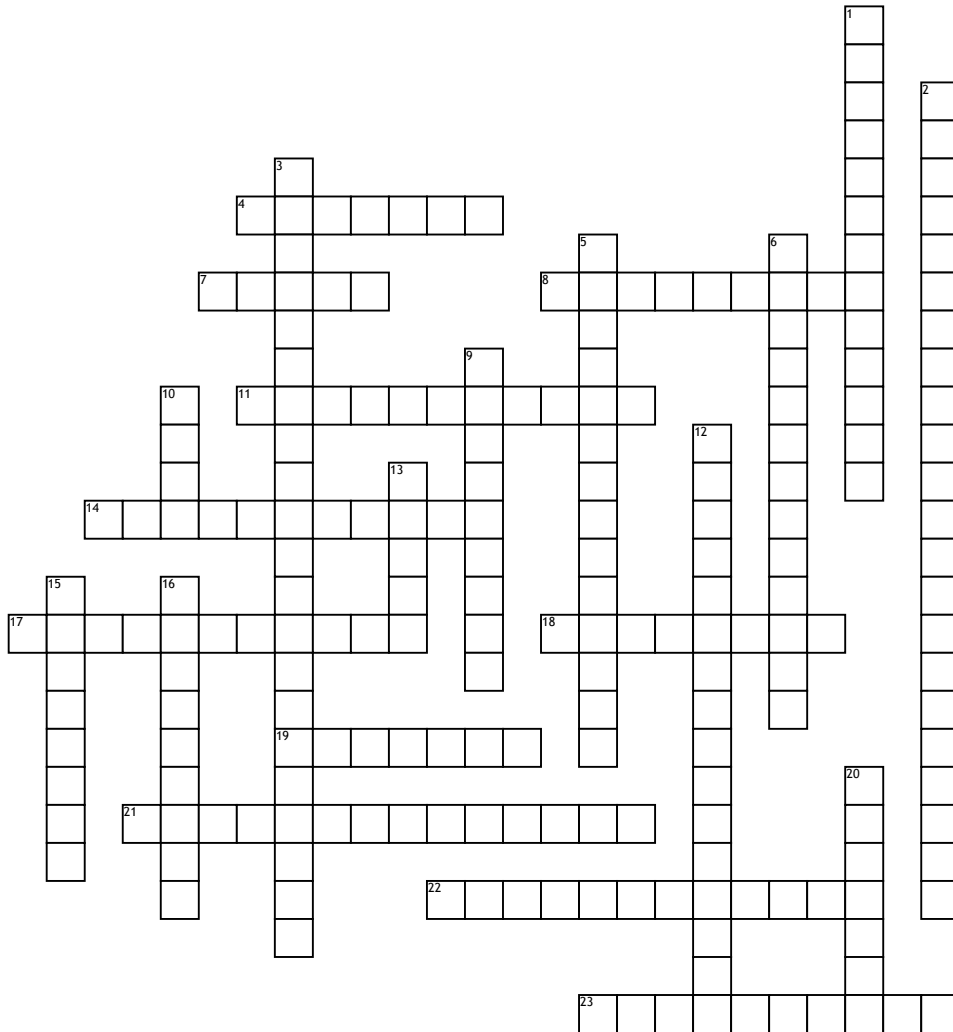


# Soil and Pigs



## Across

4. the process of changing a young mammal's diet to other food.  
 7. the dark-coloured decomposed plant and animal material found in soil.  
 8. a reddish-black mineral that contains iron.  
 11. the binding together of soil particles.  
 14. where is a gilt or sow is served?  
 17. pigs are what animals?  
 18. a soil with equal proportions of sand, silt and clay.  
 19. gravitational water is moved through the soil by..?  
 21. a unit that a sow is placed in prior to giving birth.

## Word Bank

duroc  
 humus  
 clay  
 loam soil  
 weaners  
 hygroscopic water

monogastric  
 compacted soil  
 fatteners  
 cementation  
 dry sow house  
 haematite

field capacity  
 permanent wilting point  
 aggregate  
 porosity  
 weaning  
 flocculation

farrowing crate  
 hydrolysis  
 gravity  
 available water capacity  
 farrowing house

22. the clustering together of soil particles to create larger structures.  
 23. chemical breakdown of a substance when it reacts with water.  
**Down**  
 1. a subsoiler can be used to break up what soil?  
 2. field capacity —permanent wilting point =?  
 3. the point where no more capillary water can be removed from a soil(by plant roots).  
 5. where do sows give birth?  
 6. the amount of water in a soil after the gravitational water has drained away.

9. FCR value of 2.65:1 is for which stage of production?  
 10. smallest mineral particles in soil soil is..?  
 12. water which is absorbed on to the surface of soil particles is best described as..?  
 13. what type of pig is used as terminal sire?  
 15. materials that contain tiny holes or pores that allow gases and liquids to pass through the material.  
 16. a substance formed by combining several separate elements.  
 20. FCR value of 1.75:1 is for which stage of production?