1. **antioxidant**: a substance that is added to food and other products to prevent harmful chemical reactions in which oxygen is combined with other substances.

2. **artificial**: not natural or real: made, produced, or done to seem like something natural.

3. **combine**: a versatile machine designed to efficiently harvest a variety of grain crops; also known as a modern combined harvester.

4. **genome**: the complete set of genetic information in an organism; it provides all of the information required by an organism to function.

5. **hybridization**: the process of an animal or plant breeding with an individual of another species or variety.

6. **ingredient**: something that is used to make a food, product, etc.

7. **manual labor**: work done with the hands.

8. **productivity**: the rate at which goods are produced or work is completed.

9. **sharecropper**: a farmer especially in the southern U.S. who raises crops for the owner of a piece of land and is paid a portion of the money from the sale of the crops.

10. **sustainable**: able to be used without being completely used up or destroyed.

11. **traction engine**: a steam-powered tractor used to move heavy loads on roads, plough ground or to provide power at a chosen location.

12. **variety**: a particular kind of thing.