agriculture  the science, art and business of cultivating soil, producing crops and raising livestock useful to humans.
biotechnology  a science that uses our knowledge of plant and animal systems to create a variety of new products, improve products, plants and animals that already exist or develop micro-organisms for specific uses
bacteria  single celled, microorganisms that can sometimes cause disease
by-product  something produced in the making of something else
canola  a type of grain grown mostly for oil
career  chosen life work
cereal  an edible grain such as wheat, oats or corn
clones  a group of genetically identical organisms
combine  a machine used to harvest grain
crop rotation  planting of different crops in a given field every year or every several years
domesticate  to train
enzyme  a protein used to break down substances in the body
genetics  the study of the transfer of characteristics from parent to offspring
ginseng  a plant grown for medicinal purposes
grafting  to join a shoot or bud with a growing plant
heifer  a young cow that has not given birth to a calf
horticulture  the science or art of cultivating plants
irrigation  to supply with water by ditches, canals or pipes
legume  any plant bearing pods
mill  to grind grain into smaller pieces
mulch  a protective covering placed on the ground to prevent erosion
pasteurization  the process of destroying disease-producing organisms in milk by extreme heat
pesticide  a chemical used to kill pests
raw material  unprocessed natural products
roguer  a person who examines crops for pests and disease
sanitize  to make clean
sustainable  to keep in existence using environmentally farming practices
udder  the bag-like mammary organ of cows, sheep, goats