

## 2021 Supplemental Word List

Word	Definition	Sentence
abscess	a fluid-filled pocket in or under an animal's skin	The abscess in the lamb's mouth needs to be drained before it becomes infected.
aerated	to supply soil with air	Peanuts grow better in dry, aerated soil.
agrarian	relating to land or the ownership of land	Farming is an agrarian life.
arable	Suitable for producing crops	There is a lot of arable land in this valley.
avocado	a green pear-shaped tropical fruit with a single large seed and buttery flesh that grows on a tree	You need an avocado to make guacamole.
berm	a bank of earth	One side of our pond has a berm.
blacksmith	a person who forges iron	Horseshoes can be made by a blacksmith
bluetongue	an insect-borne viral disease of sheep, cattle, goats and wild ruminant animals	Three of the farmer's sheep were taking medication for bluetongue.
boar	male or father pig	A boar is used in the breeding of pigs.
booted	pertaining to the feathers on chicken legs	A booted chicken is often raised as an ornamental breed rather than one for consumption.
brand	an identification mark burned into the hide of livestock	All the cattle had the AAA Ranch brand on them.
broker	someone who is paid to negotiate contracts or who buys and sells products	My father works as a rice broker.
buck	a male goat or sheep used for breeding	Keep the buck in his pen until breeding season
burr	a chipped or raised surface of a metal object	A burr on a needle can cause pain to a pig when given an injection.
bushel	a dry volume measure of varying weight for grain and fruit	She used a whole bushel of apples to make her holidays pies.
butcher	person that cuts meat into pieces for purchase	Most of animals sold at the Fair Auction will go to the butcher.
butterfat	the natural fat in milk	The butterfat content in whole milk is higher than in lowfat milk.
canal	an artificial waterway	We get our water for irrigation from the canal.
canker	dead, discolored and often sunken area on a root, stem or branch	The farmer was worried that a canker had formed on the walnut tree.

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certification	The act of making something official; official approval to do something professionally or legally.	Farmers must participate in a certification program in order to sell their crop as organic.
chemicals	a substance created by a chemical process used to enrich soil and to help produce better crops	The farmer added a specific chemical to his fields so the plants might produce a larger crop.
chevre	cheese made from goat's milk	I like to eat chevre spread on crackers.
colony	a group of social insects having a queen and workers	A bee colony is very active in the spring.
combine	a self-propelled machine that harvests a crop while moving across the field	The antique combine harvested the wheat at the Patrick Ranch.

cultivator	a tool attached to a tractor drawn between rows of growing plants to loosen the earth and destroy weeds	Fertilizer can be mixed into the soil using a rotary cultivator.
curd	milk solids used in cheese making	In cheese making, the curd is separated from the whey.
dairy	a farm that is devoted to producing milk	The cows are milked at 5:00 AM at the dairy up the street.
degree	a unit of measurement for temperature	If the temperature goes up one more degree, the bees might come out of their hive.
disk	a tractor-drawn tool with circular plates used to prepare the soil for seeding	After the field was plowed, the farmer used a disk to break up the soil for planting.
drone	an adult male bee	The drone mates with the queen bee.
easement	an agreement between property owners to share the use of the land	The easement on the farmer's property allowed for his neighbor to drive their tractors to their own property.
eggplant	a large fruit with purple skin, eaten cooked as a vegetable	I like to grill eggplant unpeeled, with salt and pepper.
epicurean	one who is devoted to the enjoyment of food and comfort	my friend Maria is an epicurean and loves ethnic foods.
evaporation	the process in which water droplets are changed from a liquid to a gas	Due to warm weather increasing the evaporation rate, I need to refill the cow's water trough.
export	to send goods to a foreign country for sale	Many farmers export seed around the world.
field	a piece of cleared land for raising crops	This field is planted with melons.
flourish	to grow vigorously	Her rosebushes will flourish in the sunny part of her backyard.
fodder	feed for livestock, especially coarsely chopped hay or straw	Maize is a variety of corn used as fodder.

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foreman	a person who is in charge of a group of workers	George is the foreman of the ranch.
giblets	the edible organs of poultry, such as the heart, gizzard and liver	Some cooks like to add the giblets to turkey stuffing.
gondola	a flat-bottomed car with low sides, pulled by a tractor and used in the harvest of tomatoes	The picked tomatoes were placed in the gondola and taken to the grading station.
gopher	a burrowing rodent that feeds on plant roots and leaves	Even though I set a number of traps, that darned gopher got away and killed all of my tomato plants.
groundwater	water within the earth that supplies wells and springs	In some places there is not enough groundwater, so the farmer must get irrigation water from a river or stream.
harness	the straps and metal pieces used to fasten a horse or mule to a plow	The farmer put the harness on his mule so it could pull the plow.
harvest	gathering a crop from a field or orchard	Almond harvest is in the fall.
hayloft	upper story in a barn where hay is stored	Putting hay in a hayloft keeps it dry.

hazardous	full of risk; of potential danger	The diesel fuel that spilled into the creek will be hazardous to the fish.
herb	an aromatic plant used fresh or dried for seasoning food	Basil is the traditional herb used in pesto.
hide	the skin of an animal, especially the tough thick skin of a large mammal	The bull's hide was very tough.
honey	a thick, sweet, syrupy substance that bees make as food from the nectar of flowers	Honey is used to sweeten some beverages.
host	the animal or plant on which, or in which, another organism lives	The almond tree is a host for the shothole borer, a tiny black beetle.
hull	the outer covering of a seed on fruit or nuts	The hull of a walnut is green.
hutch	rabbit house	The hutch is made of wood and wire.
insectaries	a place to keep or raise insects	The Smith Insectaries Company produces thousands of good bugs such as praying mantises, ladybugs, and lacewing flies.
irrigation	to supply crops with water by means of ditches, sprinklers or drip systems	Most orchards have an irrigation system.

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labor	physical or mental work done that provides goods or services	The cost of labor is much higher than the cost of parts to fix the tractor.
lactose	A type of sugar that is found in milk.	Some people are allergic to the lactose in dairy foods.
landowner	an owner of land	A right of a landowner is to choose to grow whatever crop he or she desires.
lanolin	grease that is on the fleece of sheep	Lanolin from sheep is used in hand lotion to heal dry skin.
lease	a written agreement allowing someone to use your land	The farmer has leased the orchard from his neighbor for 25 years.
lemon	a small, egg-shaped citrus fruit with a yellow skin	I like to add a slice of lemon to my ice water.
maturity	the state of being fully grown and developed	The maturity of the lamb can be judged by its teeth.
measure	a standard unit used to express size, amount or degree	farmers rely on an accurate measure of temperature during bloom
microbiology	the branch of biology that deals with microscopic animal or vegetable organisms	Through the study of microbiology, we learn more about improving the production of the food we eat.
microorganisms	living creatures of microscopic size	Millions of microorganisms can be found in just a handful of soil.
milo	an early-growing, usually drought-resistant feed grain which resembles millet	Milo, also known as grain sorghum, is primarily used for animal feed.
mycology	a branch of botany dealing with fungi	Growers use information learned from mycology to produce bigger and better mushrooms.

niche	a distinct segment of a market, focused on a particular service or product	With his unique crop of melons, he was able to carve a niche in the marketplace.
nutrients	a substance or ingredient that provides nourishment	Fruit that is eaten raw gives the body many nutrients.
nutrition	the science or study of a healthy diet	She wanted to learn more about nutrition in order to become more healthy herself.
ornamental	a plant grown for its beauty rather than for food	The fruit of an ornamental plum tree isn't good to eat, but the purple foliage is lovely.
panicle	a loose, irregularly branched flower cluster	The rice panicle bends over with the weight of its developing rice kernels.

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perennial	a plant that lives for more than two years	my daisy has continued to thrive after two years of blooming, because it is a perennial
phloem	the food-conducting tissue of plants	Aphids suck on the phloem of plant tissues.
predator	an animal that survives by eating other animals	The coyote is a natural predator of sheep.
production	the creation of something of economic value	California almond growers are responsible for 100% of the commercial supply of almonds in the United States and 80% of the worldwide production of almonds.
progeny	the offspring of animals	The progeny of the prize ram will grow to be champions of the show ring.
prune	a variety of plum that dries without spoiling	This prune is delicious!
pruning	removing parts of a plant to increase fruit or flower production	By pruning the trees, we have more fruit.
sprout	to begin to grow from a seed	It won't take long for the bean seeds to sprout.
stalk	a plant stem	I love to eat the crunchy stalk of the celery.
stallion	adult male or father horse	We hope the new stallion will be a good breeder for our mares.
stewards	persons responsible for the planning and management of resources	Farmers are the best stewards of the land.
straw	dried plant matter used as bedding	Dad laid straw down in the chicken coop.
sunlight	Light from the sun.	Sunlight is one of the main ingredients for plant growth.
sushi	Japanese delicacy consisting of cooked rice and vegetables, seafood and/or egg	Everyone loves the rice in sushi.
swather	a machine which cuts the hay crop a few inches above the ground and places it windrows where it dries in the sun	The farmer used a swather to harvest his alfalfa crop.
swine	A pig.	I prefer the Hampshire breed of swine.
tensiometer	an instrument for measuring the surface tension of a liquid	A tensiometer can help the farmer to know when to irrigate and for how long.
tissue	a group of cells that perform a specific function	Leaf tissue is usually green.
traits	distinguishing characteristics or qualities of something	Only sheep with desirable traits are kept for breeding.

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transplant	to lift and reset a plant in another soil or situation	I need to transplant these daisies since they have become completely rootbound.
trowel	a hand tool with a short handle and a curved blade used for light digging	A trowel is perfect for making holes to plant garden seedlings.
tuber	a swollen, fleshy underground stem with multiple buds which produce new growth	A potato is a good example of a tuber.
vaccine	something given to stimulate antibody production and provide immunity against a disease	The lambs were all given the same vaccine.
vacuum	to pick up by suction	We vacuum the orchard for fallen nuts.
weaning	time when young calves are taken away from their mother and not allowed to drink her milk	During weaning I was busy separating the calves from their mothers.
weather	state of the atmosphere with regard to temperature, rainfall, wind and other meteorological conditions	Summer weather in Chico is hot.
wetlands	swampy, marshy land mass; lands saturated with water	Wetlands are habitats for ducks, snow geese and cranes.
yarrow	a plant in the daisy family with leaves like ferns	I grow bright yellow yarrow in my flowerbeds.
zucchini	a variety of summer squash, which can have different shapes and colors	Grandpa grows zucchini in his garden every year.