

# Modern Marvels – Yard Technology

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### MODERN MARVELS: YARD TECHNOLOGY

Directions: While watching the video, please answer the following questions.

1. There is twice as much turfgrass in the United States as there are \_\_\_\_\_ fields.
2. The University of Phoenix hosts sports other than football that do not require grass. How do they move it?
3. At what rate does it do this?
4. In the 1950's, the riding mower was a \_\_\_\_\_ to show how much money you had.
5. ZTR stands for Zero \_\_\_\_\_ Radius. They can go in tighter places or go around small trees and cut your mowing time in half!
6. The first yards were cut with a \_\_\_\_\_ by groups of men who were hired to cut pastures to make yards.
7. There are thirty-eight patents on the reel mower that cuts like a pair of \_\_\_\_\_.
8. The reel mowers were replaced in the 1960's by \_\_\_\_\_ mowers.
9. What is the name of the leading manufacturer of rotary mowers in the United States?
10. What is the name of the official test to test the durability of mowers?
11. A \_\_\_\_\_ table test is used to determine roll over stability and quality of parking brakes on mowers.
12. Companies are now working to make mowers that run on Global Positioning Systems much like those found in tractors. They even realize when there is an \_\_\_\_\_ ahead that they should mow around!
13. If you wanted a remote controlled mower, what company would you call?
14. Science is also a big component in the making of the perfect yard. Breeders are breeding grass that requires less \_\_\_\_\_ at the Scott's Miracle-Gro Company Labs by mixing different grasses.
15. In Slow-Mo grasses there are less hormones that promote the \_\_\_\_\_ of plant cells.
16. Time for a little vocabulary....what does "launde" mean?
17. In the 1600's, colonists would write home and request seeds for reed grass and \_\_\_\_\_ that they would grow in their yards as feed to keep their animals alive.

18. Yards comprised of grass were for the rich even though they attracted \_\_\_\_\_ - and rodents.
19. Farmers typically did not have grasses in their yards. They had dirt or \_\_\_\_\_ that were considered working areas for the survival of their livestock and families.
20. The U.S \_\_\_\_\_ Association is credited for helping in the development of a better Kentucky Blue Grass.
21. The Scott's Company would target \_\_\_\_\_ - in their marketing because these people wanted their home lawns to look like a golf course.
22. \_\_\_\_\_ is known as the "instant lawn". It takes 18 months to grow and is harvested ¼" below the surface.
23. Sixty percent of grass seed comes from the state of \_\_\_\_\_ where it is grown, harvested with combines, cleaned and bagged before being sold to consumers like you and me.
24. Grass seed companies are sure to place a mixture of seed varieties in each bag. Why would this be beneficial to you as a homeowner?
25. For those of you who hate to mow, there is always \_\_\_\_\_ grass or fake grass. All you have to do is occasionally sweep it to get rid of debris!
26. Which popular tire company is credited with also inventing the garden hose?
27. Leaf blowers attach to your back and help clear debris but even with wind speeds of \_\_\_\_\_ mph you won't be flying any time soon.
28. Be nice to trees! It takes \_\_\_\_\_ years to get shade from a newly planted tree.
29. Look out Fido! \_\_\_\_\_ are the new pets of the backyard.
30. Pond construction teams add coy \_\_\_\_\_ where your fish can be protected from predators and good bacteria to keep algae to a minimum.

MODERN MARVELS: YARD TECHNOLOGY

Directions: While watching the video, please answer the following questions.

1. There is twice as much turfgrass in the United States as there are **cotton** fields.
2. The University of Phoenix hosts sports other than football that do not require grass. How do they move it? **It rolls up in one single piece.**
3. At what rate does it do this? **It moves at 13 feet per minute.**
4. In the 1950's, the riding mower was a **status symbol** to show how much money you had.
5. ZTR stands for Zero **Turn** Radius. They can go in tighter places or go around small trees and cut your mowing time in half!
6. The first yards were cut with a **Syth** by groups of men who were hired to cut pastures to make yards.
7. There are thirty-eight patents on the reel mower that cuts like a pair of **scissors**.
8. The reel mowers were replaced in the 1960's by **rotary** mowers.
9. What is the name of the leading manufacturer of rotary mowers in the United States? **Toro**
10. What is the name of the official test to test the durability of mowers? **Bump Test**
11. A **Tilt** table test is used to determine roll over stability and quality of parking brakes on mowers.
12. Companies are now working to make mowers that run on Global Positioning Systems much like those found in tractors. They even realize when there is an **obstacle** ahead that they should mow around!
13. If you wanted a remote controlled mower, what company would you call? **Evatech**
14. Science is also a big component in the making of the perfect yard. Breeders are breeding grass that requires less **watering** at the Scott's Miracle-Gro Company Labs by mixing different grasses.
15. In Slow-Mo grasses there are less hormones that promote the **elongation** of plant cells.
16. Time for a little vocabulary....what does "launde" mean? **open space**

17. In the 1600's, colonists would write home and request seeds for reed grass and **clover** that they would grow in their yards as feed to keep their animals alive.
18. Yards comprised of grass were for the rich even though they attracted **snakes** and rodents.
19. Farmers typically did not have grasses in their yards. They had dirt or **gardens** that were considered working areas for the survival of their livestock and families.
20. The U.S **Golf** Association is credited for helping in the development of a better Kentucky Blue Grass.
21. The Scott's Company would target **golfers** in their marketing because these people wanted their home lawns to look like a golf course.
22. **Sod** is known as the "instant lawn". It takes 18 months to grow and is harvested  $\frac{1}{4}$ " below the surface.
23. Sixty percent of grass seed comes from the state of **Oregon** where it is grown, harvested with combines, cleaned and bagged before being sold to consumers like you and me.
24. Grass seed companies are sure to place a mixture of seed varieties in each bag. Why would this be beneficial to you as a homeowner? **They do this so not all of your grass would be killed if a disease strikes a certain variety.**
25. For those of you who hate to mow, there is always **synthetic** grass or fake grass. All you have to do is occasionally sweep it to get rid of debris!
26. Which popular tire company is credited with also inventing the garden hose? **BF Goodrich**
27. Leaf blowers attach to your back and help clear debris but even with wind speeds of **140** mph you won't be flying any time soon.
28. Be nice to trees! It takes **15-20** years to get shade from a newly planted tree.
29. Look out Fido! **Coy fish** are the new pets of the backyard.
30. Pond construction teams add coy **garages** where your fish can be protected from predators and good bacteria to keep algae to a minimum.