Modern Marvels – Yard Technology

Submitted by Jennifer Waters and used in cooperation with the University of Illinois at Urbana-Champaign.

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MODERN MARVELS – YARD TECHNOLOGY, BY JENNIFER WATERS

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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 $\frac{3}{4}$" 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 ¼” 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.