


April 2021



| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
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| <h2>Natural Turfgrass</h2> | | | Answers 1 - 52, 7 - 10, 11 - 16, 17 - 20, 21 - 25 | 1 Turf- the surface layer of soil bound by grass and plant roots into a thick mat. | 2 Turfgrass- natural grass used for utility, recreational or beautification purposes. | 3 Turfgrasses can be characterized by their temperature tolerance or ideal climactic zone . |
| 4 The New York State Turfgrass Association was formed on March 4, 1949. | 5 It can take 10 months to 2 years to cultivate turf before it's ready for harvest. | 6 Sod is harvested using equipment that cuts at a desired thickness, width and length. | 7 True or False? An average piece of sod is 2 by 5 feet and when rolled weighs 35 pounds. | 8 Harvested sod- mature grass and a soil layer held together by netting or cut off grass roots. | 9  | 10 Sodded versus seeded lawns absorb _ water. A. 5 times more. B. 10 times more C. 15 times more |
| 11 Natural sod is the most effective ground cover for delaying runoff and reducing erosion . | 12 Temperature, wind, sun and humidity affect how much water grasses need. | 13  | 14 Most cool season grasses require ½ to 1 inch of water each week to remain healthy. | 15 Healthy natural grass produces fresh oxygen , captures carbon dioxide and improves the air. | 16 True or False? Up to 90% of the weight of a grass plant is in its roots. | 17 The roots of a single grass plant can have up to 390 miles of roots. |
| 18 Turfgrass purifies water by acting as a filter to capture and break down pollutants. | 19 Grass plants are 75-80% water by weight. | 20 _ of turfgrass provides oxygen for a family of 4. A. 45 square feet B. 50 square feet C. 55 square feet | 21 Photosynthesis- when plants convert energy from the sun to help them grow. | 22 Turfgrass absorbs the sun's heat during the day and releases it at night. | 23 Turfgrass can be used for lawns, athletic fields, golf courses and sod roofs. | 24 Natural grass produces fewer body injuries and concussions than synthetic turf . |
| 25 True or False? Professional soccer fields are made using natural grass. | 26  | 27 The first lawn mower was invented in 1830. | 28 Grass clippings contain nutrients which benefit grass when left on the lawn. | 29 Drainage- the removal of excess water/fluid. Turfgrass needs good drainage. | 30 Careers in the turfgrass industry include architects, landscapers and field managers. |  |