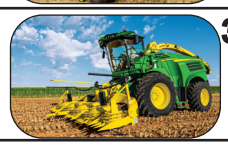
May 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Equipment				**Equipment-** 1 - Skid Steer 23 - Precision Ag Command Center 24 - Round Baler 30 - Planter 31 - Harvester	**Answers** 1 - T, 26 - A, 21 - T 3 - T, 13 - D, 17 - T,	**1** 
2 **Farm machinery**- Implements and attachments used to plant, cultivate and harvest.	**3** **True or False?** Machinery makes work more efficient/cost effective than manual labor.	**4** Advances in farm machinery have revolutionized the agricultural industry.	**5** The most commonly used and well-known piece of farm machinery is the **tractor**.	**6** Tractors come in lots of models and sizes so farmers look for what will work best for the tasks they have.	**7** Tractors are used to tow a variety of farm machine and equipment.	**8** **Fodder** is food, especially dried hay or feed, for cattle and other livestock.
9 **Hay**- grass that has been mown and dried for use as fodder, usually stored as bales.	**10** Hay harvesting begins with some type of mowing machine that cuts the forage.	**11** **Hay cutting equipment**- windrowers, swathers, disc mowers, hay bins, etc.	**12** **Hay Conditioner**- crimps and crushes cut hay for faster and even drying.	**13** **The types of hay balers are:** A. Small Square. B. Large Square C. Round Balers D. A, B and C	**14** **Smaller square or rectangular bales** of hay weigh between 40-50 pounds each.	**15** Many types of farm equipment are **self-propelled** (have their own source of power).
16 **Forage Harvester**- machine used to chop up the swathed forage.	**17** **True or False?** Farmers use satellite imagery, GPS guidance and electric sensors.	**18** **Soil cultivation machinery**- plow, power tiller, spike, drag/disk harrow, chisel plow, cultivator, etc.	**19** **Planting equipment**- mechanized planters, transplanters, seed drill, etc.	**20** **Planters** plant (sow) seeds in precise rows at precise intervals.	**21** **Drills plant seeds _ compared to planters.** A. Closer together B. Further apart C. The same	**22** **Transplanters**- plant seedlings into the field and may be partially or fully automated.
23  **30** 	**24**  **31** 	**25** **Irrigation**- supplies water to crops to help them grow and is made easier by machinery.	**26** **True or False?** Backhoe and front-end loaders are used for loading purposes.	**27** **Precision Ag**- informational technology used to aid soil and crop health and productivity.	**28** **Examples**- satellite/ aerial imagery, weather prediction, variable rate fertilization, etc.	**29** Precision ag combines machine data for more precise planting, land mapping, and soil data.