

Lesson 5

Grazing Management Lesson Quiz

1. Effective grazing management can reduce feed cost by _____ percent?
50
2. What are the three critical variables to daily intake?
 - a. Amount or quantity available
 - b. Quality or digestibility
 - c. Composition or palatability
3. What four factors is stock density based on?
 - a. Available forage
 - b. Grazing utilization rate
 - c. Daily intake
 - d. Length of grazing period
4. How many 500 lb animals should be put in a 15 acre pasture that typically yields 2300 lbs of dry matter during the 170 day grazing period?
 - a. # of animals =
$$\frac{(\text{total acreage}) \times (\text{average yield/acre})}{0.04 \times (\text{average weight/animal}) \times (\text{total days grazed})}$$
$$= \frac{15 \text{ acres} \times 2300 \text{ lb}}{0.04 \times 500 \text{ lbs} \times 170}$$
$$= \frac{34500}{3400}$$
$$= 10 \text{ animals}$$
5. List 4 factors that should be considered with grazing management.
 - a. Body condition scoring
 - b. Paddock planning
 - c. Forage sampling and analysis
 - d. Pasture topdressing
6. Provide 4 important reasons to assess pastures.
 - a. To match animal's requirements with pasture production.
 - b. To achieve more precise supplementary feeding.
 - c. For accurate feed planning.
 - d. To more effectively manipulate pasture production and composition.
 - e. To ensure ground cover is sufficient to protect soil from rainwater run-off and to encourage water infiltration into the soil.
7. What important step is used in stockpiling your forage as a means to extend the grazing season?
 - a. closely monitor paddocks and stop grazing on the selected paddocks in time to allow sufficient growth for the extended season

8. List 5 factors to consider when selecting an appropriate fence to use.
 - a. include temperament of livestock
 - b. access to electricity
 - c. current fence type and condition
 - d. whether it is perimeter or cross fencing
 - e. will it be permanent or temporary
 - f. land terrain
 - g. grounding system for electric fence
 - h. type of soil
 - i. type of posts.
9. What limitations to ponds expose them to as a water source?
 - a. Water quality and recharge capacity