GRASSLAND CONDITION

APPRAISAL OF EXISTING CONDITIONS (5 points each) MATCHING LIVESTOCK AND FORAGE (4 points for each answer space) (4 points for each answer space) What is the pasture type by percent dry matter?	TEAM NAME:	STUDENT NAME:	S	SCORE: POINTS: 10	00
 1. What is the pasture type by percent dry matter? A. Fescue (>90% fescue) B. Cool-season grasses (<10% legumes) C. Cool-season grasses (10-25% legumes or other grasses) D. Cool-season grasses (26-60% legume) E. Legumes dominant (>75% legume) F. Warm-season grasses (<40% other species) 2. What is the average growth stage of the dominant forage species? A. Vegetative B. Boot or bud C. Heading or bloom 3. What best describes the condition of the pasture sward? 1. When does this livestock herd have the highest forage quality requirement? A. Spring D. Winter B. Summer E. Requirement high year round C. Fall 2. Does this pasture's growth cycle match the seasonal peak nutritional needs of this livestock herd under present management A. Yes B. No 3. What best describes the condition of the pasture sward?					
A. Fescue (>90% fescue) guality requirement? B. Cool-season grasses (<10% legumes) A. Spring D. Winter C. Cool-season grasses (10-25% legumes or other grasses) B. Summer E. Requirement high year round D. Cool-season grasses (26-60% legume) E. Legumes dominant (>75% legume) F. Warm-season grasses (<40% other species) 2. Does this pasture's growth cycle match the seasonal peak nutritional needs of this livestock herd under present management A. Yees B. No 2. What is the average growth stage of the dominant forage species? A. Vegetative D. Mature B. Boot or bud E. Dormant C. Heading or bloom S. How many pounds of forage dry matter does this herd need to consume per day in: J. What best describes the condition of the pasture sward? Ibs. in spring (4 pts.) Ibs. in summer (4 pts.)	(5	points each)	(4 points for each ar	nswer space)	
 D. Cool-season grasses (26-60% legume) E. Legumes dominant (>75% legume) F. Warm-season grasses (<40% other species) 2. What is the average growth stage of the dominant forage species? A. Vegetative D. Mature B. Boot or bud E. Dormant C. Heading or bloom 3. What best describes the condition of the pasture sward? C. Fall C. Fall C. Fall C. Fall C. Fall Does this pasture's growth cycle match the seasonal peak nutritional needs of this livestock herd under present management A. Yes B. No 3. What best describes the condition of the pasture sward? 	A. Fescue (>90% fe B. Cool-season gras	escue) sess (<10% legumes)	quality requirement?		
 2. What is the average growth stage of the dominant forage species? A. Vegetative D. Mature B. Boot or bud E. Dormant C. Heading or bloom 3. What best describes the condition of the pasture sward? 	D. Cool-season gras E. Legumes domina	ses(26-60% legume) nt(>75% legume)	C. Fall		
A. Vegetative D. Mature B. Boot or bud E. Dormant C. Heading or bloom Image: Comparison of the pasture sward? 3. How many pounds of forage dry matter does this herd need to consume per day in: 1. How many pounds of forage dry matter does this herd need to consume per day in: Ibs. in spring (4 pts.)	5	、 · · · · · · · · · · · · · · · · · · ·	nutritional needs of this live	estock herd under present management?	
3. What best describes the condition of the pasture sward?	A. Vegetative B. Boot or bud	D. Mature E. Dormant	consume per day in:		
	2 What best describes the	a condition of the neeture owerd?	lbs. in spring (4 pts.)	lbs. in summer (4 pts.)	
		•	lbs. in fall (4 pts.)	Ibs. in winter (4 pts.)	
 4. Is weed or brush control needed other than by grazing or soil fertility management? 4. Is forage availability adequate for this herd in: 		ol needed other than by grazing or soil	4. Is forage availability adequ	uate for this herd in:	
A. Yes Spring - 100 days (4 pts.) B. No Adequate	A. Yes		Adequate		
5. What soil pH range is recommended for this sward?	F What soil pH range is	commanded for this oward?	Not Adequate		
A. 4.0 - 4.5 D. 5.6 - 6.5 Summer - 100 days (4 pts.) B. 4.6 - 5.0 E. 6.6 - 7.0 Adequate	A. 4.0 - 4.5	D. 5.6 - 6.5			
C. 5.1 - 5.5 F. 7.1 - 7.5 Not Adequate	C. 5.1 - 5.5	F. 7.1 - 7.5	Not Adequate		
6. What fertilizer option is recommended for this pasture? Fall - 100 days (4 pts.) Adequate	6. What fertilizer option is	recommended for this pasture?	• • • • •		
N (Lbs/Ac)P ₂ O ₅ (Lbs/Ac)K ₂ O (Lbs/Ac) Not Adequate	N (Lbs/Ac)	P ₂ O ₅ (Lbs/Ac) K ₂ O (Lbs/Ac)	Not Adequate		
 7. What limestone rate is recommended for this pasture in tons per acre? Winter - 65 days (4 pts.) Adequate 		recommended for this pasture	• • • • •		
Tons/AcNot Adequate	Tons/Ac		Not Adequate		

COMPLETE QUESTIONS ON REVERSE SIDE

PASTURE IMPROVEMENT

(Answers to questions 3, 4 and 5 for this section are based on the choice for question Number 2)

(5 points each)

- 1. What change should be made in livestock management?
 - A. Continue present management
 - B. Reduce livestock numbers
 - C. Change calving season to a different time of year
 - D. Shorten calving season to a period of < 90 days
 - E. Provide higher quality pasture
 - F. Switch to a management-intensive rotational grazing system
- 2. What type of additional forage is needed to improve this forage program?
 - A. Cool-season grass
 - B. Warm-season grass
 - C. Legumes
 - D. No additional forages needed use existing pasture
- 3. How should this forage be planted?
 - A. Plant on clean, firm seedbed
 - B. No-till plant in killed sod
 - C. Overseed or interseed in a closely grazed sod
 - D. No additional forages needed use existing pasture
- 4. What fertilizer option is recommended for this forage?

_____ N (Lbs/Ac) _____ P₂O₅ (Lbs/Ac) _____ K₂O (Lbs/Ac)

5. What limestone rate is recommended for this forage in tons per acre?

____Tons/Ac