



15. What will be the probability that fertilizing a soil with P that has a *high* soil test P level will increase yield?  
 a. 0%                                     b. low probability                     c. high probability                     d. 100%
16. What is one problem with using soil test P results to estimate potential for P loss from a field?  
 a. They don't relate at all to soil solution P                     c. They don't include P mineralization  
 b. They only relate to plant available P                     d. They don't consider potential for erosion
17. How much P<sub>2</sub>O<sub>5</sub> is recommended for grass with a yield goal of 2 t/ac and a soil test P level of 12 ppm (from Figure 7)?  
 a. 9 lb/ac                                     b. 12 lb/ac                                     c. 17 lb/ac                                     d. 21 lb/ac
18. How much 11-52-0 is needed to meet a P fertilizer requirement of 20 lb P<sub>2</sub>O<sub>5</sub>/ac?  
 a. 10 lb/acre                                     b. 27 lb/acre                                     c. 39 lb/acre                                     d. 52 lb/acre
19. Which of the following P fertilizers should be most available for plant uptake?  
 a. DCP                                     b. MAP                                     c. Triple superphosphate                     d. rock phosphate
20. If the Olsen P level is below 25 ppm, manure application rates should match  
 a. P crop uptake                                     b. N crop uptake                                     c. K crop uptake                                     d. Zn crop uptake

## SELF-STUDY EVALUATION FORM

### NUTRIENT MANAGEMENT MODULE 4

Rating Scale: 1 = Strongly Disagree    5 = Strongly Agree

Information presented will be useful in my daily crop advising activities:	1	2	3	4	5
Information was organized and logical:	1	2	3	4	5
Graphics/tables were appropriate and enhanced my learning:	1	2	3	4	5
I was stimulated to think how to use and apply the information presented:	1	2	3	4	5
The article addressed the stated competency area and performance objective(s):	1	2	3	4	5

Briefly explain any "1" ratings:

Topics you would like to see addressed in future self-study materials:

## SELF-STUDY EXAM REGISTRATION FORM-FOR ROCKY MOUNTAIN CCA CREDIT

Name: \_\_\_\_\_

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CCA Certification #: \_\_\_\_\_ Credit Card Type and #: \_\_\_\_\_

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**A \$2.00 Processing Fee will be added to all credit card charges.**

I certify that I alone completed this self-study course and recognize that an ethics violation may revoke my CCA status.

\_\_\_\_\_  
Signature of Registrant as it appears on Code of Ethics

\_\_\_\_\_  
Date