

GENERAL COMMENTS FOR WILDLIFE

1 Apply dolomitic limestone at the recommended rate. (When lime is recommended and soil test calcium and/or magnesium is low)

4 Apply 100-150 lbs magnesium sulfate, or 20-30 lbs magnesium oxide, or 90-140 lbs sulfate-of-potash-magnesium per acre, or a mixed fertilizer to supply 10-15 lbs magnesium per acre. (When the soil test magnesium is low, and for Soil Codes 1, 2, or 3 when the soil pH is greater than 6.5 or for Soil Code 4 when the soil pH is greater than 7.0 or for Soil Code 6 when the soil pH is greater than 6.0)

5 Apply 100-150 lbs magnesium sulfate, or 20-30 lbs magnesium oxide, or 90-140 lbs sulfate-of-potash-magnesium per acre, or a mixed fertilizer to supply 10-15 lbs magnesium per acre, or by applying 1,000 lbs dolomitic limestone per acre. (When the soil test magnesium is low, and for Soil Codes 1, 2, or 3 when the soil pH is between 5.9 and 6.6 or for Soil Code 4 when the soil pH is between 5.9 and 7.1 or for Soil Code 6 when the soil pH is 6.0)

6 Apply 435 lbs gypsum per acre or a calcium-containing fertilizer to supply 100 lbs calcium per acre. (When the soil test calcium is low, and for Soil Codes 1, 2, or 3 when the soil pH is greater than 6.5 or for Soil Code 4 when the soil pH is greater than 7.0 or for Soil Code 6 when the soil pH is greater than 6.0)

7 Apply 435 lbs gypsum per acre, or a calcium-containing fertilizer to supply 100 lbs calcium per acre, or 500 lbs dolomitic or calcitic limestone per acre. (When the soil test calcium is low, and for Soil Codes 1, 2, or 3 when the soil pH is between 5.9 and 6.6 or for Soil Code 4 when the soil pH is between 5.9 and 7.1 or for Soil Code 6 when the soil pH is 6.0)

105 To convert the recommendation from lbs per acre to lbs per 1,000 square feet, divide by 43.5.

517 When 100 lbs potash per acre is recommended, split into 2 applications. (When soil test potassium is less than 71 lbs potassium per acre)

650 Level of soil test zinc is potentially toxic at the current soil test pH. Lime according to recommendations. If the pH is greater than 6.2, consult your local county Extension office or the Home and Garden Information Center at 1-888-656-9988. (If soil test zinc is greater than 40 lbs per acre)

651 The soil test boron is low, however, this is not a boron sensitive crop, therefore no boron is recommended. (When soil test boron is low)

652 The soil test manganese is low, however, this is not a manganese sensitive crop, therefore no manganese is recommended. (When soil test manganese is low)

653 The soil test zinc is low, however, this is not a zinc sensitive crop, therefore no zinc is recommended. (When soil test zinc is low)

Crop Code No. 140

Dove Field – corn or grain sorghum

Soil Groups 1, 2, 3, or 4	Desired pH 6.0-6.5				
Phosphorus	Potassium				
	Low	Medium	Sufficient	High	Excessive
	<i>Pounds of N-P₂O₅-K₂O per acre</i>				
Low	100-80-100	100-80-75	100-80-50	100-80-25	100-80-0
Medium	100-50-100	100-50-75	100-50-50	100-50-25	100-50-0
Sufficient	100-25-100	100-25-75	100-25-50	100-25-25	100-25-0
High	100- 0-100	100- 0-75	100- 0-50	100- 0-25	100- 0-0
Excessive	100- 0-100	100- 0-75	100- 0-50	100- 0-25	100- 0-0

COMMENTS (1, 4, 5, 6, 7, 105, 514, 517, 650, 651, 652, 653)

514 Split the nitrogen applications into 2 to 3 applications throughout the growing season.

Crop Code No. 141

Dove Field – peredovic sunflower

Soil Groups 1, 2, 3, or 4	Desired pH 6.0-6.5				
Phosphorus	Potassium				
	Low	Medium	Sufficient	High	Excessive
	<i>Pounds of N-P₂O₅-K₂O per acre</i>				
Low	100-100-80	100-100-60	100-100-40	100-100-0	100-100-0
Medium	100- 50-80	100- 50-60	100- 50-40	100- 50-0	100- 50-0
Sufficient	100- 25-80	100- 25-60	100- 25-40	100- 25-0	100- 25-0
High	100- 0-80	100- 0-60	100- 0-40	100- 0-0	100- 0-0
Excessive	100- 0-80	100- 0-60	100- 0-40	100- 0-0	100- 0-0

COMMENTS (1, 4, 5, 6, 7, 105, 514, 517, 650, 651, 652, 653)

514 Split the nitrogen applications into 2 to 3 applications throughout the growing season.

Crop Code No. 142

Fall Deer - alfalfa

Soil Groups 1, 2, 3, or 4		Desired pH 6.0-6.5			
Phosphorus	Potassium				
	Low	Medium	Sufficient	High	Excessive
<i>Pounds of N-P₂O₅-K₂O per acre</i>					
Low	0-150-200	0-150-100	0-150-50	0-150-25	0-150-0
Medium	0-100-200	0-100-100	0-100-50	0-100-25	0-100-0
Sufficient	0- 50-200	0- 50-100	0- 50-50	0- 50-25	0- 50-0
High	0- 0-200	0- 0-100	0- 0-50	0- 0-25	0- 0-0
Excessive	0- 0-200	0- 0-100	0- 0-50	0- 0-25	0- 0-0

COMMENTS (1, 4, 5, 6, 7, 105, 517, 650, 651, 652, 653)

Crop Code No. 143

Fall Deer – forage chicory

Soil Groups 1, 2, 3, or 4		Desired pH 6.0-6.5			
Phosphorus	Potassium				
	Low	Medium	Sufficient	High	Excessive
<i>Pounds of N-P₂O₅-K₂O per acre</i>					
Low	0-100-100	0-100-50	0-100-25	0-100-0	0-100-0
Medium	0- 50-100	0- 50-50	0- 50-25	0- 50-0	0- 50-0
Sufficient	0- 25-100	0- 25-50	0- 25-25	0- 25-0	0- 25-0
High	0- 0-100	0- 0-50	0- 0-25	0- 0-0	0- 0-0
Excessive	0- 0-100	0- 0-50	0- 0-25	0- 0-0	0- 0-0

COMMENTS (1, 4, 5, 6, 7, 105, 517, 650, 651, 652, 653)

Crop Code No. 144

Fall Deer Mix - brassicas

Soil Groups 1, 2, 3, or 4		Desired pH 6.0-6.5			
Phosphorus	Potassium				
	Low	Medium	Sufficient	High	Excessive
<i>Pounds of N-P₂O₅-K₂O per acre</i>					

Low	80-100-150	80-100-100	80-100-50	80-100-0	80-100-0
Medium	80- 50-150	80- 50-100	80- 50-50	80- 50-0	80- 50-0
Sufficient	80- 25-150	80- 25-100	80- 25-50	80- 25-0	80- 25-0
High	80- 0-150	80- 0-100	80- 0-50	80- 0-0	80- 0-0
Excessive	80- 0-150	80- 0-100	80- 0-50	80- 0-0	80- 0-0

COMMENTS (1, 4, 5, 6, 7, 105, 514, 517, 650, 651, 652, 653)

514 Split the nitrogen applications into 2 to 3 applications throughout the growing season.

Crop Code No. 145

**Fall Deer Mix – cool season annual grasses
(including oat, rye, wheat, triticale)**

Soil Groups 1, 2, 3, or 4		Desired pH 6.0-6.5				
Phosphorus	Potassium					
	Low	Medium	Sufficient	High	Excessive	
<i>Pounds of N-P₂O₅-K₂O per acre</i>						
Low	100-100-100	100-100-80	100-100-40	100-100-0	100-100-0	
Medium	100- 50-100	100- 50-80	100- 50-40	100- 50-0	100- 50-0	
Sufficient	100- 25-100	100- 25-80	100- 25-40	100- 25-0	100- 25-0	
High	100- 0-100	100- 0-80	100- 0-40	100- 0-0	100- 0-0	
Excessive	100- 0-100	100- 0-80	100- 0-40	100- 0-0	100- 0-0	

COMMENTS (1, 4, 5, 6, 7, 105, 514, 517, 650, 651, 652, 653)

514 Split the nitrogen applications into 2 to 3 applications throughout the growing season.

Crop Code No. 146

Fall Deer Mix – cool season grasses with cloverfall

Soil Groups 1, 2, 3, or 4		Desired pH 6.0-6.5				
Phosphorus	Potassium					
	Low	Medium	Sufficient	High	Excessive	
<i>Pounds of N-P₂O₅-K₂O per acre</i>						
Low	60-100-120	60-100-80	60-100-60	60-100-30	60-100-0	
Medium	60- 50-120	60- 50-80	60- 50-60	60- 50-30	60- 50-0	
Sufficient	60- 25-120	60- 25-80	60- 25-60	60- 25-30	60- 25-0	

High	60-	0-120	60-	0-80	60-	0-60	60-	0-30	60-	0-0
Excessive	60-	0-120	60-	0-80	60-	0-60	60-	0-30	60-	0-0

COMMENTS (1, 4, 5, 6, 7, 105, 514, 517, 650, 651, 652, 653)

514 Split the nitrogen applications into 2 to 3 applications throughout the growing season.

Crop Code No. 147

Fall Deer Mix - legumes

Soil Groups 1, 2, 3, or 4		Desired pH 6.0-6.5				
Phosphorus	Potassium					
	Low	Medium	Sufficient	High	Excessive	
	<i>Pounds of N-P₂O₅-K₂O per acre</i>					
Low	0-100-100	0-100-80	0-100-60	0-100-25	0-100-0	
Medium	0- 50-100	0- 50-80	0- 50-60	0- 50-25	0- 50-0	
Sufficient	0- 25-100	0- 25-80	0- 25-60	0- 25-25	0- 25-0	
High	0- 0-100	0- 0-80	0- 0-60	0- 0-25	0- 0-0	
Excessive	0- 0-100	0- 0-80	0- 0-60	0- 0-25	0- 0-0	

COMMENTS (1, 4, 5, 6, 7, 105, 517, 650, 651, 652, 653)

Crop Code No. 101

**Grasses for Wildlife
(including chufa)**

Soil Groups 1, 2, 3 or 4		Desired pH 6.0-6.5				
Phosphorus	Potassium					
	Low	Medium	Sufficient	High	Excessive	
	<i>pounds of N-P₂O₅-K₂O per acre</i>					
Low	100-100-100	100-100-60	100-100-40	100-100-0	100-100-0	
Medium	100- 50-100	100- 50-60	100- 50-40	100- 50-0	100- 50-0	
Sufficient	100- 25-100	100- 25-60	100- 25-40	100- 25-0	100- 25-0	
High	100- 0-100	100- 0-60	100- 0-40	100- 0-0	100- 0-0	
Excessive	100- 0-100	100- 0-60	100- 0-40	100- 0-0	100- 0-0	

COMMENTS (1, 4, 5, 6, 7, 105, 514, 517, 650, 651, 652, 653)

514 Split the nitrogen applications into 2 to 3 applications throughout the growing season.

Crop Code No. 102

**Legumes for Wildlife
(including alyceclover, asechynomene, and lablab)**

Soil Groups 1, 2, 3 or 4	Desired pH 6.0-6.5				
	Potassium				
	Low	Medium	Sufficient	High	Excessive
	<i>pounds of N-P₂O₅-K₂O per acre</i>				
Low	0-100-100	0-100-60	0-100-40	0-100-0	0-100-0
Medium	0- 50-100	0- 50-60	0- 50-40	0- 50-0	0- 50-0
Sufficient	0- 25-100	0- 25-60	0- 25-40	0- 25-0	0- 25-0
High	0- 0-100	0- 0-60	0- 0-40	0- 0-0	0- 0-0
Excessive	0- 0-100	0- 0-60	0- 0-40	0- 0-0	0- 0-0

COMMENTS (1, 4, 5, 6, 7, 105, 515, 517, 518, 650, 651, 652, 653)

515 Lime should be applied 3 to 6 months before seeding for best results. (When lime is recommended)

518 Maintain soil pH between 6.0 and 6.5 for sustained legume growth and survival. If organic matter of soil is greater than 10%, maintain pH between 5.5 and 6.0.

Crop Code No. 103

Legume/Grass Mixtures for Wildlife

Soil Groups 1, 2, 3 or 4	Desired pH 6.0-6.5				
Phosphorus	Potassium				
	Low	Medium	Sufficient	High	Excessive
	<i>pounds of N-P₂O₅-K₂O per acre</i>				
Low	30-100-100	30-100-60	30-100-40	30-100-0	30-100-0
Medium	30- 60-100	30- 60-60	30- 60-40	30- 60-0	30- 60-0
Sufficient	30- 40-100	30- 40-60	30- 40-40	30- 40-0	30- 40-0
High	30- 0-100	30- 0-60	30- 0-40	30- 0-0	30- 0-0
Excessive	30- 0-100	30- 0-60	30- 0-40	30- 0-0	30- 0-0

COMMENTS (1, 4, 5, 6, 7, 105, 516, 517, 518, 650, 651, 652, 653)

516 Since nitrogen promotes grass over legume growth for a grass/legume mix, do not exceed the nitrogen recommendation.

518 Maintain soil pH between 6.0 and 6.5 critical for sustained legume growth and survival. If organic matter of soil is greater than 10%, maintain pH between 5.5 and 6.0.