

**Table 38. Fertilizers for forages<sup>1</sup>**

Crop to Be Grown		Soil Management Group		Fertilizer Nutrients to Be Added (lb./A)											
				Nitrogen (N)		Phosphorus (P <sub>2</sub> O <sub>5</sub> )					Potassium (K <sub>2</sub> O)				
				No Manure	Manure	Soil Test Levels <sup>2</sup>					Soil Test Levels <sup>2</sup>				
				Very Low	Low	Medium	High	Very High	Very Low	Low	Medium	High	Very High		
<b>Establishment of legumes:</b> alfalfa, clover, trefoil, other legumes, waterways, pond dikes, diversions, etc.	I	No nitrogen		85	75	60	40	20	45	40	20	20	0		
	II	recommended		85	75	60	40	20	50	40	20	20	0		
	III			85	75	60	40	20	70	60	30	20	0		
	IV			85	75	60	40	20	90	80	40	20	0		
	V			85	75	60	40	20	100	80	60	20	0		
<b>Establishment of grasses:</b> grass and improved grass pastures	I	30-50	20-40	50	30	10	0	0	45	40	20	20	0		
	II	30-50	20-40	50	30	10	0	0	50	40	20	20	0		
	III	30-50	20-40	50	30	10	0	0	70	60	30	20	0		
	IV	30-50	20-40	50	30	10	0	0	90	80	40	20	0		
	V	30-50	20-40	50	30	10	0	0	100	80	60	20	0		
<b>Topdressing alfalfa:</b> alfalfa and alfalfa-grass stands with greater than 50% alfalfa	I	No nitrogen		50	40	20	10	0	120	90	40	20	0		
	II	recommended		50	40	20	10	0	140	120	60	20	0		
	III			50	40	20	10	0	180	140	70	20	0		
	IV			50	40	20	10	0	200	160	80	20	0		
	V			50	40	20	10	0	220	180	80	20	0		
<b>Topdressing of:</b> clover, trefoil, other legumes (except alfalfa), waterways, pond dikes, diversions, etc. with greater than 50% legumes	I	No nitrogen		50	30	10	0	0	45	40	20	20	0		
	II	recommended		50	30	10	0	0	50	40	20	20	0		
	III			50	30	10	0	0	70	60	30	20	0		
	IV			50	30	10	0	0	90	80	40	20	0		
	V			50	30	10	0	0	100	80	60	20	0		
<b>Topdressing of:</b> legume grass stands with less than 50% legume	I	20-40	0	50	30	10	0	0	60	45	25	20	0		
	II	20-40	0	50	30	10	0	0	75	60	30	20	0		
	III	20-40	0	50	30	10	0	0	110	75	35	20	0		
	IV	20-40	0	50	30	10	0	0	150	110	55	20	0		
	V	20-40	0	50	30	10	0	0	150	120	60	20	0		
<b>Topdressing grasses:</b> 2-cut system	I	50-75	20-40	50	30	10	0	0	80	60	30	20	0		
	II	50-75	20-40	50	30	10	0	0	100	80	40	20	0		
	III	50-75	20-40	50	30	10	0	0	120	90	50	20	0		
	IV	50-75	20-40	50	30	10	0	0	150	110	60	20	0		
	V	50-75	20-40	50	30	10	0	0	150	120	60	20	0		
3-4-cut system <sup>3</sup> Add 25 lb./A N for a 4-cut system	I	125-175	50-125	50	30	10	0	0	100	70	30	20	0		
	II	125-175	50-125	50	30	10	0	0	120	100	50	20	0		
	III	125-175	50-125	50	30	10	0	0	140	120	60	20	0		
	IV	125-175	50-125	50	30	10	0	0	160	140	70	20	0		
	V	125-175	50-125	50	30	10	0	0	170	140	70	20	0		
<b>Topdressing pastures:</b> native grasses	I	50-75	20-40	50	30	10	0	0	40	20	15	10	0		
	II	50-75	20-40	50	30	10	0	0	45	20	15	10	0		
	III	50-75	20-40	50	30	10	0	0	50	30	15	10	0		
	IV	50-75	20-40	50	30	10	0	0	60	45	15	10	0		
	V	50-75	20-40	50	30	10	0	0	75	50	25	10	0		
primarily legumes or legume-grass stands	I	20-40	0	50	30	10	0	0	45	40	20	20	0		
	II	20-40	0	50	30	10	0	0	50	40	20	20	0		
	III	20-40	0	50	30	10	0	0	70	60	30	20	0		
	IV	20-40	0	50	30	10	0	0	90	80	40	20	0		
	V	20-40	0	50	30	10	0	0	100	80	60	20	0		
intensively managed grasses, rotational grazing	I	125-150	80-100	50	30	10	0	0	45	40	20	20	0		
	II	125-150	80-100	50	30	10	0	0	50	40	20	20	0		
	III	125-150	80-100	50	30	10	0	0	70	60	30	20	0		
	IV	125-150	80-100	50	30	10	0	0	90	80	40	20	0		
	V	125-150	80-100	50	30	10	0	0	100	80	60	20	0		
<b>Other forages:</b> triticale triticale-peas	I-V	60-80	30-50	65	50	40	20	0	50	40	20	20	0		
	I-V	60-80	30-50	85	80	60	40	20	70	60	30	20	0		

<sup>1</sup>A more specific guideline will be obtained from a complete soil test analysis.

<sup>2</sup>See Table 4 for the soil test values within each level.

<sup>3</sup>Apply 75 pounds of nitrogen in early spring at green up and 25-50 pounds at green up before each successive cutting.