

## Fertilizer Guidance for Roadside Maintenance

### Suggested Fertilizer Analysis based on NMP and soil tests

This table provides guidance for the amount of fertilizer that can be applied according to the NMP. These are examples of fertilizers and their rates (lb/A) that can be used to meet each N-P-K ratio as indicated from laboratory soil test levels. Other ratios may be used as long as the percentages of **N** and **P<sub>2</sub>O<sub>5</sub>** applied are the same. There is no restriction on the amount of **K<sub>2</sub>O and lime** applied. Please remember that up to 90lb of N per acre can be applied in a year, but applications have to be more than 30 days apart. Once sampled, soil test data for a given location may be used for all remaining years under the NMP, and the same amount of fertilizer may be applied yearly. Remember to report all fertilizer and lime applications on a worksheet similar to that attached to the NMP.

P <sub>2</sub> O <sub>5</sub> Level*	Suggested Fertilizer Analysis	Desired Pounds of Nutrients per Acre (N-P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O)				Lime
		45-0-0	45-45-45	45-90-45	45-90-90	
Exception**	5-10-10				900 lb/A**	2 ton/A of lime at 100% CCE (±10%)
L- to M-	15-30-15			300 lb/A		Soil Test Rate****
L- to M-	15-30-15 with 30% WIN			400 lb/A		Soil Test Rate****
M to M+	10-10-10		450 lb/A			Soil Test Rate****
M to M+	20-20-20		225 lb/A			Soil Test Rate****
H- to VH	46-0-0	98 lb/A***				Soil Test Rate****
N application is limited to <b>90 lb/A per year</b> . May use 120lb/A in a year if the N source contains at least 30% Water Insoluble Nitrogen (WIN).						
<b>Organic Sources may not be used for Roadside Maintenance.</b>						
Nutrient application <b>set-backs</b> as set forth in Section 1B (e.g. 100 feet from wells or springs, 50 feet from surface water, 50 feet from sinkholes, 50 feet from naturally occurring limestone outcrops and 25 feet from all other naturally occurring rock outcrops) will be rigorously followed. However, nutrients may be applied closer to surface waters when appropriate erosion and sediment control BMP's are in place.						
*These indicate the level of P <sub>2</sub> O <sub>5</sub> reported in the soil test, ie. L=Low, M=Medium, H=High, and VH=Very High. When the soil test level of P <sub>2</sub> O <sub>5</sub> is at H- or greater, no P may be applied.						
**If subsoil is exposed and site is less than 2 acres, then use this rate of N and P. If the subsoil is not exposed and the site is to be over-seeded, then a soil test must be taken prior to P <sub>2</sub> O <sub>5</sub> application.						
*** This ratio may be used when P <sub>2</sub> O <sub>5</sub> may not be applied <b>OR</b> when a soil test is not taken, but when N is required to improve turf quality.						
**** Lime quantities will be calculated based on soil test buffer pH.						