Fertilizer Guidance for Active Construction

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 desired pounds of nutrients per acre of **N** and **P_2O_5** applied are the same. There is no restriction on the amount of **K_2O and lime** that can be applied in addition to the quantity specified. No additional P_2O_5 can be applied **for the term of the project** without a new soil sample and calculation of the desired pounds of nutrients per acre are based on the soil test and this table.

P_2O_5 Level*	**Suggested Fertilizer Analysis**	**Desired Pounds of Nutrients per Acre (N-P_2O_5-K_2O)**					**Lime**
		45-0-0	**45-45-45**	**45-90-45**	**45-90-90**	**45-170-90**	
Exception**	5-10-10				900 lb/A**		2 ton/A of lime at 100% CCE (±10%)
L- to L	5-10-10 Plus 0-46-0					900 lb/A of 5-10-10 plus175 lb/A of 0-46-0	Soil Test Rate****
L+ to M-	15-30-15			300 lb/A			Soil Test Rate****
M to M+	10-10-10		450 lb/A				Soil Test Rate****

Nitrogen (N) application is limited to 45 lb/A of N (1 lbs/1000 ft^2) at each application and separated by at least 30 days with a maximum of 90 lb/A (2 lbs/1000 ft^2) **per year**. Contact the District Roadside Manager if fertilizer with a N source with at least 30% Water Insoluble Nitrogen (WIN) is to be used.

Organic Sources of nutrients may be used for only for Active Construction. They should be applied to supply 45-50 lbs/A of plant available nitrogen (PAN).

Nutrient application **set-backs** 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_2O_5 reported in the soil test, ie. L=Low, M=Medium, H=High, and VH=Very High. When the soil test level of P_2O_5 is at H- or greater, no P may be applied.

** The only time this rate is applied is if the total disturbed area for the project is less than 2 acres AND the subsoil is exposed. This amount of N and P_2O_5 may be applied without a soil test as a one time application.

*** This ratio may be used when P_2O_5 may not be applied **OR** 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.

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