Virginia Turfgrass Survey

National Agricultural Statistics Service, USDA

Acres Reported - Applying Nutrient Management Goals to the Report

By Nutrients PLUS, LLC

RESIDENTIAL LAWN & GOLF COURSE
NITROGEN & PHOSPHOROUS REDUCTION PLAN

Sector	Acres		Potential Fertilizer Usage/ Acre[1]		Total Usage Tons	Percent Actual N, P [2]		30% Reduction EPA Goal	Net Reduction
Golf courses	36,900	x	(200 lbs)	=	3690	1107 (.30)	x	775 Tons	**332 Tons**
Sod Farms	3 7,500								
General Areas	186,600								
Churches	18,900								
Cemeteries	15,600								
Highway Roadsides	298,000								
Airports	8,600								
Parks	42,100								
Schools	249,800								
Home Lawns	1,048,000	x	(200 lbs)	=	104,800	31,440 (.30)		22,008 Tons	**9432 Tons** 9764 Tons
All Sectors TOTAL	1,702,000	x	(200 lbs)	=	170,200	51,060 (.30)		35,742 Tons	**15,318 Tons** [3]

Assumptions

[1] Turfgrass application rates vary. 150 to 250 lbs per acre is most common

[2] Fertilizers contain various percentages of N, P and K. 25% N and 5% P are commonly used (30% of actual N, P by weight))

[3] 15,318 Tons is for one application. Homeowners may apply twice, golf fairways three times, professional lawn care companies 4 times, etc. 15,318 Tons is greater than twice the EPA mandate, achieved using Clarus and result is amplified when adding recycled nutrients