

**Ch. ATCP 40  
APPENDIX**

**SAMPLE CALCULATIONS OF MAXIMUM ALLOWABLE  
TOLERANCES BELOW LABEL'S GUARANTEE FOR  
INDIVIDUAL PRIMARY NUTRIENTS**

Section ATCP 40.07 (2) (a)

Nutrient	Units Guaranteed	Allowable Tolerance*
N	5	0.5 unit
P	10	1 unit
K	30	2 units

\* A tolerance of 10% of the units guaranteed, not to exceed 2 units, is allowable.

**SAMPLE CALCULATION OF MAXIMUM ALLOWABLE  
TOLERANCE BELOW LABEL'S GUARANTEE BASED ON  
COMBINED NUTRIENT INDEX VALUE**

Section ATCP 40.07 (2) (b)

Nutrient	Units Guaranteed		Index Factor		Nutrient Index Value	
N	5	×	2	=	10	
P	10	×	2	=	20	
K	30	×	1	=	30	
Combined nutrient index value					=	60
Allowable tolerance* =						
60 × .03					=	1.8

\* Allowable tolerance is 3% of combined nutrient index value