324.8503.amended Order and form of guaranteed analysis; minimum percentage of plant 
nutrients; additional plant nutrients; other beneficial compounds or substances.

Sec. 8503. (1) The guaranteed analysis shall show the minimum percentage of plant nutrients claimed in 
the following order and form:

(a) Total nitrogen (N). ___% 
Available phosphate (P₂O₅ ). ___% 
Soluble potash (K₂O). ___% 

(b) When applied to mixed fertilizers, grade shall be given in whole numbers only. However, specialty 
fertilizers with a guarantee of less than 1% of total nitrogen, available phosphate, and soluble potash may use 
fractional units. Fertilizer materials, bone meal, manures, and similar materials may be guaranteed in 
fractional units.

(c) When applied to custom blends, grade can either be given in whole numbers or in numbers expressed to 
the nearest 1/10 of a percent in the form of a decimal in the analysis.

(d) For unacidulated mineral phosphatic material and basic slag, bone, tankage, and other organic 
phosphatic materials, the total phosphate or degree of fineness, or both, may also be guaranteed.

(2) Additional plant nutrients, other than nitrogen, phosphorus, and potassium, claimed to be present in any 
form or manner shall be guaranteed on the elemental basis, at levels not less than those established by rules.
Other beneficial compounds or substances, determinable by laboratory methods, may be guaranteed if 
approved by the director.


Popular name: Act 451