PHOSPHOROUS ACID LABELING AID

1. Does your product contain only phosphorous acid (H₃PO₃)/Phosphite as a source of phosphorus?
   Adhere to the format presented in § 2309(a).
   i. X% Total phosphoric acid must be guaranteed.
      Total Phosphoric Acid (P₂O₅) __________ %
   ii. State phosphate as zero in the grade (N-0-K) or include an asterisk (N-P*-K) to clarify the phosphorus stated in the grade is not in the available phosphate form.
   iii. Include required statements according to § 2309(a)(1)(2)(3). If an asterisk is used in the grade, an asterisk must be used before each required statement (e.g. “*(1) Phosphorous acid products…”, “*(2) Upon foliar…”).

2. Does your product contain BOTH phosphorous acid (H₃PO₃)/phosphite AND phosphoric acid (H₃PO₄)/phosphate?
   Adhere to format presented in § 2309(b):
   i. X% Available phosphoric acid must be guaranteed.
      Available Phosphoric Acid (P₂O₅) __________%
   ii. X% Total phosphoric acid must be guaranteed.
      __________ % Total Phosphoric Acid (P₂O₅)
   iii. X% Insoluble phosphoric acid must be guaranteed (if present).
      __________ % Insoluble Phosphoric Acid (P₂O₅)
   iv. Report percentage of available phosphate in the grade.
   v. Include heavy metals statement on the label and submit heavy metals analysis.
   vi. Include required statements according to § 2309(a)(1)(2)(3).

Required statements [§ 2309(a)(1)(2)(3)]:
(1) Phosphorous acid products are for use as a supplemental fertilizer treatment.
(2) Upon foliar application, the phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or will be used directly by plants, as phosphite ions.
(3) As a soil application to annual crops, a lesser response from the initial crop, with a corresponding superior response from succeeding crops, may be observed. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5.

Note: Authority cited: Sections 407, 14502 and 14631, Food and Agricultural Code (FAC). Reference: Section 14631, FAC.

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