DEFINITIONS AND REGULATIONS FOR COMMERCIAL USE OF PLANT GROWTH REGULATORS, BIOSTIMULANTS AND FERTILIZERS IN THE USA AND CALIFORNIA

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ABSTRACT

Products containing substances that alter plant growth, development, maturation, and retardation, etc. through physiological actions are classified as Plant Growth Regulators (FIFRA Sec. 2, Food and Agricultural Code Sec. 12756) requiring registration as a pesticide. The California Department of Pesticide Regulation grants CA registration after USEPA has registered the pesticide product and the product also meets data evaluation requirements in California. In addition to other data requirements, Plan Growth Regulators must demonstrate product efficacy under CA and/or CA like field conditions. Efficacy studies must be conducted at the recommended label rate utilizing the principals of experimental research. Results must be statistically significant in comparison to a control and a standard product when available.