

## **Pesticides Regulations: An Urgent Need for Legal Reform in India**

**Authors :** D. Pranav

**Abstract :** Pesticides are a class of Biocide, whose use in agriculture has led to a momentous increase in the yield of crops, fruits and vegetables all over the world and its effective use has also been the pillars of success for the Green Revolution. However, the incessant use of pesticides has now reached alarming levels. In 2007 alone, the world used an estimated 2.4 million tons of pesticides. Despite its tremendous benefits for agriculture, pesticide has been one of the major reasons for degradation of the natural environment and undesirable effects on human beings. It has not only caused damage to human health, but has also threatened the survival of few birds and animal species. In India, the sale and usage of banned pesticide, increased usage of pesticides and its inadequate labeling has caused Bio magnification, which is causing deleterious effects on child development, resulting in stunted mental and physical growth. This paper aims to bring to shed light on major loopholes in the current pesticide regulations such as the Insecticide Act of 1968. It further discusses loopholes in the yet to be tabled Pesticides Management Bill of 2008. It discusses and arrives at potential amendments to the laws and regulations concerning pesticides; that cannot only be applied to the Indian subcontinent but other developing countries as well.

**Keywords :** pesticides, India, human health, environment, regulations, reform

**Conference Title :** ICALP 2016 : International Conference on Agricultural Law and Policy

**Conference Location :** Istanbul, Türkiye

**Conference Dates :** April 19-20, 2016