

A REVIEW ON-PESTICIDE RESIDUES OF FRUITS AND VEGETABLES

I.JYOTHI, S. & SUCHIRITHA DEVI

Department of Foods and Nutrition, Professor Jayashankar Telangana State Agricultural University,
(Former ANGRAU), Hyderabad, Telangana, India

ABSTRACT

Generally pesticides are used in agricultural practices to minimize the different pests in crops. Pesticide is any chemical substance or mixture of substances used for preventing, destroying, repelling, or mitigating the effect of any pest of plants and animals. They include herbicides, insecticides, rodenticides, fungicides, molluscicides, nematocides, avicides, repellents and attractants used in agriculture, public health, horticulture, food storage or a chemical substance used for a similar purpose. It is also used as substances applied to crops either before or after harvest to protect the commodity from deterioration during storage and transport. This paper provides current information about pesticide residues of fruits and vegetables. In this paper Classification of pesticides, commonly used pesticides in vegetables, Current trends in analysis of pesticide residues, Effect of food processing treatments on pesticide residues in fruits and vegetables, Effect of prolonged exposure to pesticides on health are reviewed.

KEYWORDS: Classification of Pesticides, Commonly Used Pesticides in Vegetables, Current Trends in Analysis of Pesticide Residues