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## AN ANALYSIS OF EFFECTS OF PESTICIDES ON ENVIRONMENT

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### ABSTRACT

*Pesticides are poisonous chemical compounds, mixtures of chemicals, or biological agents that are introduced into the environment with the aim of preventing, deterring, controlling, or killing and destroying populations of insects, weeds, rodents, fungus, or other hazardous pests. Pesticides are used to eliminate pests and insects that wreak havoc on crops. Pesticides of various types have been used to protect crops for millennia. Pesticides benefit crops, yet they have a significant detrimental effect on the environment. Excessive pesticide usage has the potential to destroy biodiversity. The existence of many birds, aquatic creatures, and animals is threatened by toxic chemicals. Pesticides pose a threat to the environment's long-term viability and global stability. The purpose of this chapter is to examine pesticides, their kinds, applications, and environmental issues. The chapter also discusses pollution caused by pesticide misuse, as well as the long-term effects of pesticides on the ecosystem. Finally, the chapter addresses strategies for eliminating pesticide usage, as well as potential effects of pesticide use and the world's future once pesticides are eliminated.*

**KEYWORDS:** Agent, Chemical, Environment, Farmer, Pesticide.

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