Environmental Impact of Agriculture: Ecological Aspects and Need for Changes

DEUS, R. M.

rafalives@gmail.com

Abstract

In recent decades, changes that have occurred in agricultural production systems have caused a major environmental impact, which includes the planet and mankind. Agriculture has expanded the use of pesticides, abused water resources and soil unduly. However, researchers have sought better and more sustainable alternatives to assist in the development of agriculture. As the use of natural substances to prevent pests instead of pesticides, the use of soil and water, such as drip irrigation, which provides development for the plant and water savings. Therefore this study is aimed to show the ecologic impacts of agriculture and to propose investment solutions for a sustainable and long lasting development.

Keywords: sustainable agriculture, environmental impact, organic farming, ecology.