

Agriculture And Air Quality: Investigating, Assessing, And Managing

Agriculture is a vital industry that provides food and fiber for the world's population. However, agricultural practices can also have a negative impact on air quality. The burning of fossil fuels, the application of fertilizers, and the raising of livestock all contribute to the release of harmful pollutants into the atmosphere.



Agriculture and Air Quality: Investigating, Assessing and Managing

★★★★★ 5 out of 5

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Print length : 577 pages



Air pollution can have a serious impact on human health. It can cause respiratory problems, heart disease, and cancer. It can also damage crops and forests, and contribute to climate change.

The good news is that there are a number of things that can be done to mitigate the negative impacts of agriculture on air quality. These include:

- Reducing the use of fossil fuels

- Using more sustainable farming practices
- Raising livestock in a more environmentally friendly way

This guidebook provides a comprehensive overview of the relationship between agriculture and air quality. It discusses the sources of agricultural air pollution, the health and environmental impacts of air pollution, and the strategies that can be used to mitigate the negative impacts of agriculture on air quality.

This guidebook is an essential resource for anyone who is interested in learning more about the relationship between agriculture and air quality. It is also a valuable tool for policymakers and farmers who are working to reduce the negative impacts of agriculture on the environment.

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Sources of Agricultural Air Pollution

The main sources of agricultural air pollution are:

- **The burning of fossil fuels:** Fossil fuels are used to power tractors, trucks, and other farm equipment. The burning of fossil fuels releases harmful pollutants into the atmosphere, including carbon dioxide, nitrogen oxides, and sulfur oxides.
- **The application of fertilizers:** Fertilizers are used to increase crop yields. However, the application of fertilizers can also release harmful pollutants into the atmosphere, including ammonia and nitrous oxide.

- **The raising of livestock:** Livestock produce methane, a potent greenhouse gas. Livestock also produce manure, which can release harmful pollutants into the atmosphere, including ammonia and hydrogen sulfide.

Health and Environmental Impacts of Air Pollution

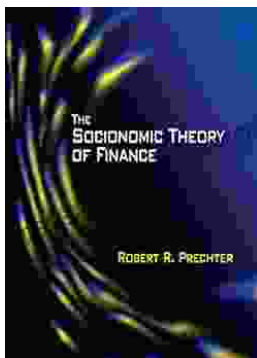
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