

Week 5 Discussion - Organic Chemistry

Option 1:

A growing concern in agricultural and food chemistry is the presence of residues in food. We use many forms of organic chemicals in agriculture and food chemistry and there is growing concern as to how safe these materials are. Choose an organic chemical used in agricultural or food chemistry and report on the functional groups contained in your compound, the uses of the compound, and the safety of that compound. This research will require one or more outside sources. Ensure all citations are in APA format.

Option 1:

A growing concern in agricultural and food chemistry is the presence of residues in food. We use many forms of organic chemicals in agriculture and food chemistry and there is a growing concern as to how safe these materials are.

The organic compound that I choose for option one is DDT also known as Dichloro-diphenyl-trichloroethane. DDT was the primary choice of pesticide in agriculture because it was once of the first insecticides made in the 1940s. It was used to defend individuals against insect-borne diseases. Even though DDT had a moment of success, eventually it leads to insects developing resistance towards multiple pesticides. Not only was DDT used for agriculture with civilians and the military, but it was also used to treat lice. Eventually, DDT was banned for use in the United States due to civilian health