**Title: Mercury in Garden Soil, Plants, and Fruits**

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**Abstract:**

Methylmercury is a neurotoxin that bioaccumulates in nature. It is mostly found in fish but can also be found in plants and soil. Urban garden soils may contain mercury from chemicals applied for plant protection or from air pollution. In our research, we took samples of different plants, fruits, and their soils to examine how much mercury is contained in a family garden. Samples from the research included okra, tomatoes, and kale. The highest concentration was 13 ppb in the curly leaf kale soil sample, and the lowest concentration was found in the tomato fruit at 0.15 ppb. Our research concluded that the amount of mercury that is consumed by people aside from fish is far under the intake allowed by the EPA, that limit being 0.3 ppm in food.