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CHEMICAL LANDS

Pesticides, Aerial Spraying, and Health
in North America's Grasslands since 1945

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Chemical Lands: Pesticides, Aerial Spraying, and Health in North America's Grasslands since 1945 (NEXUS)



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An exploration of the elaborate relationship between farmers, aerial sprayers, agriculturalists, crop pests, chemicals, and the environment. their long-term ecological harm versus food production benefits—s Grasslands since 1945 David D.s Silent Spring (1962).Chemical Lands increases a growing list of books on toxins in the American landscape. In Chemical substance Lands: Pesticides, Aerial Spraying, and Wellness in North America'had been sparked and clarified simply by biologist Rachel Carson' Vail shows, however, a distinctly regional watch of agricultural wellness evolved. Their attempts to link the research of toxicology with environmental health reveal the way the practitioners of pesticides evaluated potential hazards in the agricultural landscape while recognizing the creation benefits of controlled spraying. His analysis reveals a particularly solid ethic in the UNITED STATES grasslands where practitioners sought to comprehend and deploy insecticides and herbicides by creating regional scientific experiments, engineering even more exact aircraft sprayers, developing even more narrowly specific chemical substances, and planting targeted test crops. The controversies in the 1960s and 1970s that swirled around indiscriminate use of agricultural chemicals— This seminal publication challenged long-kept assumptions concerning the commercial might of American agriculture while sounding an alarm for the damaging persistence of pesticides, especially chlorinated hydrocarbons such as DDT, in the larger environment. This study provides a unique Grasslands perspective of the Ag pilots, weed researchers, and farmers who struggled to navigate novel systems for spray planes and in the advancement of brand-new herbicides/insecticides while striving to manage and mitigate threats to human being health and the environment.



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