



BEYOND PESTICIDES

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CENTER FOR FOOD SAFETY

Resolution On The Use Of Neonicotinoid Pesticides Toxic To Honey Bees And Other Pollinators

WHEREAS, neonicotinoid pesticides: imidacloprid, clothianidin, thiamethoxam, dinotefuran, acetamiprid, thiacloprid are neurotoxins that impact motor and locomotor activity, and are also associated with reproductive and mutagenic effects;

WHEREAS, the use of neonicotinoid pesticides is associated with lethal and sub-lethal effects on bees that impair bee foraging patterns, navigating and learning behavior, alter reproductive cycles, impair bee immune systems leading to increased susceptibility to pathogens and reduced colony survival;

WHEREAS, the loss of pollinators is alarmingly high, with the number of managed honey bee colonies in the U.S. dropping from roughly 6 million in 1947 to less than 2.5 million today and with nearly 40 pollinator species listed as threatened or endangered by the U.S. Fish and Wildlife Service;

RECOGNIZING, threats to pollinators concerns the entire food system, where pollination services provided by honey bees and other essential pollinators account for one in every three bites of food, responsible for the pollination of commodity crops such as almonds, apples, blueberries and many others, and contributing between \$20-30 billion worth of services to U.S. agriculture;

WHEREAS, the use of neonicotinoid pesticides has been shown to poison birds as well as aquatic organisms;

WHEREAS, systemic pesticides give rise to chemical residues that persist in the environment and translocate through plants to remain in leaves, pollen and nectar, contaminating soil, impacting beneficial soil microorganisms, and contaminating water resources;

WHEREAS, federal regulatory approval was granted to neonicotinoid pesticides without adequate review of their impacts to pollinators;

WHEREAS, residential and commercial use of neonicotinoid and other hazardous pesticides on home gardens, public parks, schools, and other local and municipal areas pose unacceptable risk to bees and other pollinators; and,



BEE Protective Habitat

Beyond Pesticides ● Center for Food Safety

WHEREAS, the use of hazardous pesticides is not necessary to create and maintain green lawns and landscapes, home or public gardens, or open spaces given the availability of viable alternatives practices and products;

THEREFORE, BE IT RESOLVED THAT:

[The name of university, town, school board, company, organization] will not procure or use neonicotinoid products, neonicotinoid-treated plants, or products containing neonicotinoid active ingredients.

[The name of university, town, school board, company, organization] will ensure that commercial pest service providers provide landscape services that encourage pollinator populations and support pollinator services.

[The name of university, town, school board, company, organization] recognizes the importance of pollinators and their services, and will support efforts to educate the broader community about the action it has taken and encourage other entities and households to adopt a similar policy.

[The name of university, town, school board, company, organization] will support efforts to suspend neonicotinoids and other bee-toxic systemic insecticides until a proper scientific and regulatory review of the impacts to honey bees and other pollinators is completed.