

Local Law 37 of 2005 as amended by Local Law 56 of 2021

Changes to Pesticides Listed as Carcinogens or Developmental Toxicants since May 24, 2021

Prepared by the NYC Department of Health and Mental Hygiene,
Bureau of Environmental Surveillance and Policy

The New York City Health Department (Department) submits this report pursuant to Local Law 37 of 2005, as amended by Local Law 56 of 2021, which, among other mandates, requires the Department to report annually on changes since May 24, 2021, previously April 1, 2005, to certain lists of pesticides; and on agency use of pesticides subject to these changes.

1. U.S. Environmental Protection Agency (EPA) List of Carcinogenic Pesticides

Table 1 contains chemicals that were added by the EPA Office of Pesticide Programs to the list of chemicals having carcinogenic potential since May 24, 2021, and the quantities of pesticide products containing each of those chemicals used by city agencies in 2021.

Table 1: Chemicals added to U.S. EPA list of carcinogenic pesticides

Chemical name	EPA cancer classification	Report Date	Number of EPA-registered products containing chemical	Total quantity used by NYC agencies in 2021
Broflanilide	Likely To Be Carcinogenic To Humans	12/2/2020	13	None
Tetraniliprole	Suggestive Evidence of Carcinogenic Potential	1/22/2021	9	None
Picarbutrazox	Suggestive Evidence of Carcinogenic Potential	12/18/2020	5	None
Trifludimoxazin	Suggestive Evidence of Carcinogenic Potential	11/30/2020	2	None
Aviglycine	Likely To Be Carcinogenic To Humans	8/12/2021	0	None
Fluxametamide	Suggestive Evidence of Carcinogenic Potential	12/11/2020	0	None
Isoprothiolane	Suggestive Evidence of Carcinogenic Potential	9/3/2021	0	None
Pyflubumide	Suggestive Evidence of Carcinogenic Potential	8/5/2021	0	None
Pyraziflumid	Suggestive Evidence of Carcinogenic Potential	7/12/2021	0	None

(Sources: *Chemicals Evaluated for Carcinogenic Potential*, Office of Pesticide Programs, U.S. EPA, 2021; EPA Pesticide Product Information System; NYC LL37 Agency Reporting Data)

No chemicals were removed from the EPA List of Carcinogenic Pesticides since the date of the Department's 2021 annual report.

2. California Developmental Toxicant List

No chemicals were added to or removed from the California Developmental Toxicant List since the date of the Department's 2021 annual report.

3. World Health Organization International Agency for Research on Cancer (IARC) Carcinogen List

Table 2 shows the chemicals added to the IARC list since May 24, 2021, and the quantities of pesticide products containing each of those chemicals used by city agencies in 2021.

Table 2: Chemicals added to World Health Organization's IARC Carcinogen List

Chemical name	IARC Carcinogen classification	Volume/Year	Number of EPA-registered products that contain this chemical	Total quantity used by NYC agencies in 2021
Diphenylamine	Group 2B: Possibly carcinogenic to humans	Vol. 130, 2021	8	None
Isophorone	Group 2B: Possibly carcinogenic to humans	Vol. 130, 2021	0	None

(Sources: *Agents Classified by the IARC Monographs, Volumes 1–131*, International Agency for Research on Cancer, World Health Organization, as viewed on May 5, 2021; EPA Pesticide Product Information System; NYC LL37 Agency Reporting Data)