



CHECK BEFORE YOU BUY: Did you know that some plants, including those labeled “pollinator friendly,” have been pre-treated with pesticides that kill bees? Check with your local nursery before buying plants or seeds to ensure that your bee-friendly flowers aren’t treated with neonicotinoids. Flip this over for more information.



EXAMPLES OF NEONICOTINOID PRODUCTS USED IN THE UNITED STATES

Neonicotinoid	Registered use in the United States	Product trademark names	
		Agriculture	Turf, Ornamental, Residential
Acetamiprid	Application as foliar spray for leafy vegetables, fruiting vegetables, cole crops, citrus fruits, pome fruits, grapes, cotton, and ornamental plants and flowers.	Assail Tristar	Ortho Flower, Fruit and Vegetable Insect Killer Ortho Rose and Flower Insect Killer
Clothianidin	Seed treatment, application as foliar spray or soil drench for a variety of field and tree crops, also for turf and a variety of ornamental trees and flowers	Arena Poncho Clutch Belay	Aloft Arena Bayer Advanced All-in-One Rose & Flower Care granules Green Light Grub Control with Arena
Dinotefuran	Application as soil drench or foliar spray to leafy and fruiting vegetables, turf, and ornamental plants. Also used as bait or granules in buildings for cockroach control.	Venom Scorpion	Green Light Tree & Shrub Insect Control with Safari 2 G Safari Transect Zylam 20SG Systemic Turf Insecticide
Imidacloprid	Application as seed dressing, soil drench, granules, injection, or spray to a wide range of field and tree crops, as well as ornamental plants, trees, and turf. (Also, topical use on pets for flea control and application to buildings for termite control.)	Admire Gaucho Imicide Provado Macho Malice Sepresto Widow Wrangler	Bayer Advanced 3-in-1 Insect, Disease, & Mite Control Bayer Advanced 12 Month Tree & Shrub Insect Control Bayer Advanced 12 Month Tree & Shrub Protect & Feed Bayer Advanced Fruit, Citrus & Vegetable Insect Control Bayer Advanced All-in-One Rose & Flower Care concentrate DIY Tree Care Products Multi-Insect Killer Ferti-lome 2-N-1 Systemic Hi-Yield Systemic Insect Spray Hunter Knockout Ready-To-Use Grub Killer Lesco Bandit Marathon Merit Monterey Once a Year Insect Control II Ortho Bug B Gon Year-Long Tree & Shrub Insect Control Ortho MAX Tree & Shrub Insect Control Surrender Brand GrubZ Out
Thiacloprid	Application as foliar spray to cotton and pome fruit crops.	Calypso	
Thiamethoxam	Application as seed dressing, soil drench, injection, granules, or foliar spray to a wide range of field crops, as well as ornamental plants and turf.	Actara Adage Crusier Centric Platinum	Flagship Maxide Dual Action Insect Killer Meridian

Sources for registered use information (column 2): EPA 2002; EPA 2003a; EPA 2003b; EPA 2004
Information from The Xerces Society for Invertebrate Conservation

Scientific studies have shown that a newer class of pesticides, called neonicotinoids (neonics for short), are a major factor in pollinator declines. Both systemic and persistent, neonics continue to affect bees long after a spray through soil absorption.