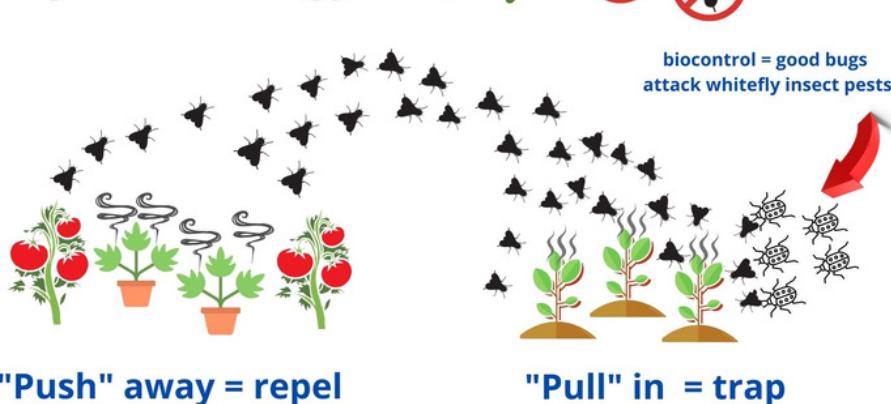


PUSH-PULL TECHNOLOGY

Push-pull technology (PPT) →



"Push" away = repel

"Pull" in = trap

"Push" or repellent potted plants intercropped with leafy greens



society
garlic

mustard
giant red and
caliente

arugula
nemat

ECO-BASED PEST MANAGEMENT IN ORGANIC VEGETABLES

Major vegetable pests



whitefly



aphids



thrips

Beneficial insects



whitefly parasite
Encarsia sp.



whitefly parasite
Eretmocerus sp.



basil



Flowering plants on edge
attract beneficial insects



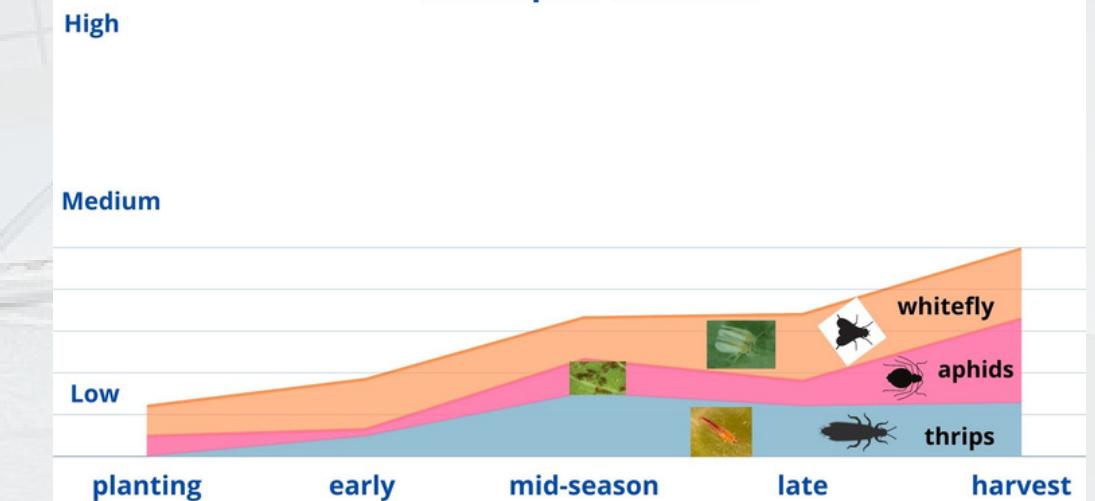
marigold

sweet alyssum

leafy greens

COMPANION PLANTING

Insect pest numbers



planting

early

mid-season

late

harvest

Relatively low insect pest numbers

The use of "push-pull" technology complemented with use of companion flowering plants and a commercial pred-a-lure or attractant of beneficial insects, may be part of an ecologically-based pest management program to control major insect pests of organic vegetables in enclosed structures.

Jesusa C. Legaspi 1, Alejandro Bolques 2 and Fanny E. Ospina 2

1 USDA-ARS-CMAVE and 2 FAMU-CAFS, Tallahassee, FL, USA

Contact email: Jesusa.Legaspi@usda.gov

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Photo credit: Jesusa C. Legaspi ad Ignacio Baez