



Spiropidion Product Overview

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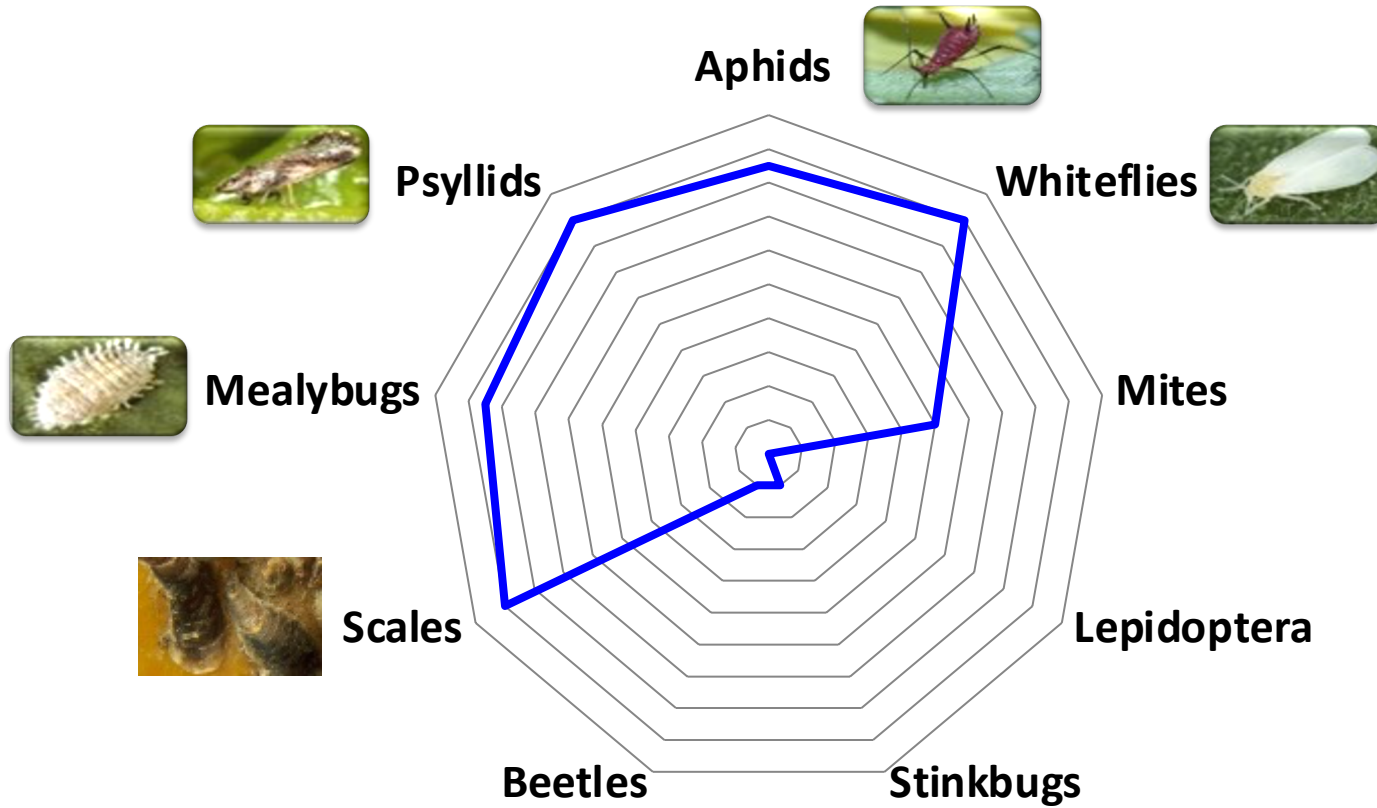
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Spiropidion Overview

- AI: spiropidion
- Group 23 (ketoenol, tetramic acid derivatives) – inhibitors of acetyl CoA carboxylase (ACCase)
- Active primarily through ingestion; very little contact activity
- Requires an adjuvant for optimum performance
- Translaminar and two-way systemicity in plants leading to protection of the whole plant, including untreated new growth
- Formulation: 300 SC (NA-11630, A20262B)

Spiropidion – Pest Spectrum



scores: 1 (inactive) to 10 (outstanding)

Spirothion Overview

- Favorable mammalian toxicology profile
- Spirothion rapidly degrades in soil, water and water-sediment systems and will not persist in the environment
- Safe to pollinators and many beneficial insects and compatible in IPM programs
- Effective against pests resistant to neonicotinoids and older chemistries.

Spiropidion Overview

- Current plans are to develop and register spiropidion in the US and Canada for targeted sucking insects in the following crops:
 - Fruiting Vegetables (including GH)
 - Cucurbit Vegetables (including GH)
 - Leafy Vegetables
 - Brassica Vegetables
 - Citrus
 - Pome Fruit
 - Grape
 - Soybean
 - Cotton
 - Potato
- Additional crops and use patterns being considered for the future
- Although Syngenta will develop and register spiropidion; it will be marketed in North America by Gowan Company