Industry Update Session

OHP, INC. Insecticides

Kontos Insecticide-Miticide

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Kontos™
Insecticide / Miticide

- Control (30+ days) of aphids, whiteflies, and more
- Systemic mite activity
- Unique mode of action
- Up and down systemic movement for total plant protection

Shield your plants from pests!

ohp
Partners with solutions
Kontos our newest insecticide

- Kontos Greenhouse /Nursery Insecticide/Miticide
- Kontos can be used as a **foliar and systemic** control of insect pests on ornamentals, fruit and nut trees, and vegetable plants in the greenhouses, in nurseries and interiorscapes.
- Kontos is a **new systemic insecticide** from the tetramic acid class of chemistry in MOA class 23
- Kontos active ingredient is Spirotetramat
- Kontos is “**fully systemic**” (up and down – xylem and phloem as well as translaminer systemic)
  - can be applied as a spray or as a drench
KONTOS – TRUE systemic activity

Application site

Infestation with *Myzus persicae* 3d after application

Example

Phloem acropetal and basipetal transport

Xylem acropetal transpiration
Kontos Pest spectrum

• Currently labeled to control
  – Adelgids
  – Aphids
  – Leafhoppers
  – Mealybugs
  – Psyllids
  – Spidermites¹
  – Whiteflies

¹ If populations are heavy at the time of application, control may not be achieved rapidly enough to prevent economic damage to the plant. Kontos will not control heavy populations of spider mites.
Kontos vs. Marathon (Imidacloprid)

- Aphids and whiteflies
- Q-strain whitefly
- Beetles
- Mites
- Scales
- Thrips
- Mealybugs
- Leps

Spirotetramat (Kontos) vs. Imidacloprid (Marathon)
Comparison with Marathon (Imidacloprid)

- Sucking insects (Spectrum)
- Chewing insects (Spectrum)
- Beneficials safety
- Systemicity
- Initial efficacy
- Lasting efficacy

Kontos and Marathon comparison chart.
Kontos vs. Marathon, Judo

Spirotetramat (Kontos)
Imidacloprid (Marathon)
Spiromesifen (Judo)
Where to next

• Hopeful Additions at next label amendment or notification as data will support:
  - soft scale and maybe some hard scales
  - thrips (will require precise label directions, stressing activity against immatures, and stressing the need for a program and preventative programs)