

New Biopesticide
Code name: RM-1963K
(Edible blended oil)



OAT Agrio Co., Ltd.

— Tokyo, Japan —

2022 IR-4 meeting



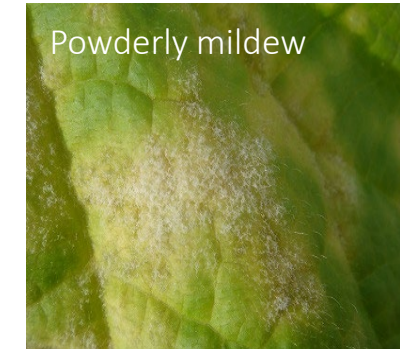
Technical Information

- Product name
RM-1963K (Code name)
Suffoil (Product name in Japan)



- Active Ingredient
Edible blended oil : 97 %

- Type
Insecticide, Miticide & Fungicide



- Human-Friendly
 - Naturally occurring product
 - ADI/MRL: Exempted
 - PHI: 0 day

- Environmental-Friendly
Low impact on beneficial insects, predatory mites and bees

- Countries for sale
Japan, Taiwan, Korea, and Malaysia

NOTICE

JAS (Japanese Agricultural Standards) certifies A.I. of RM-1963K is compatible with organic cultivation.



Characteristics

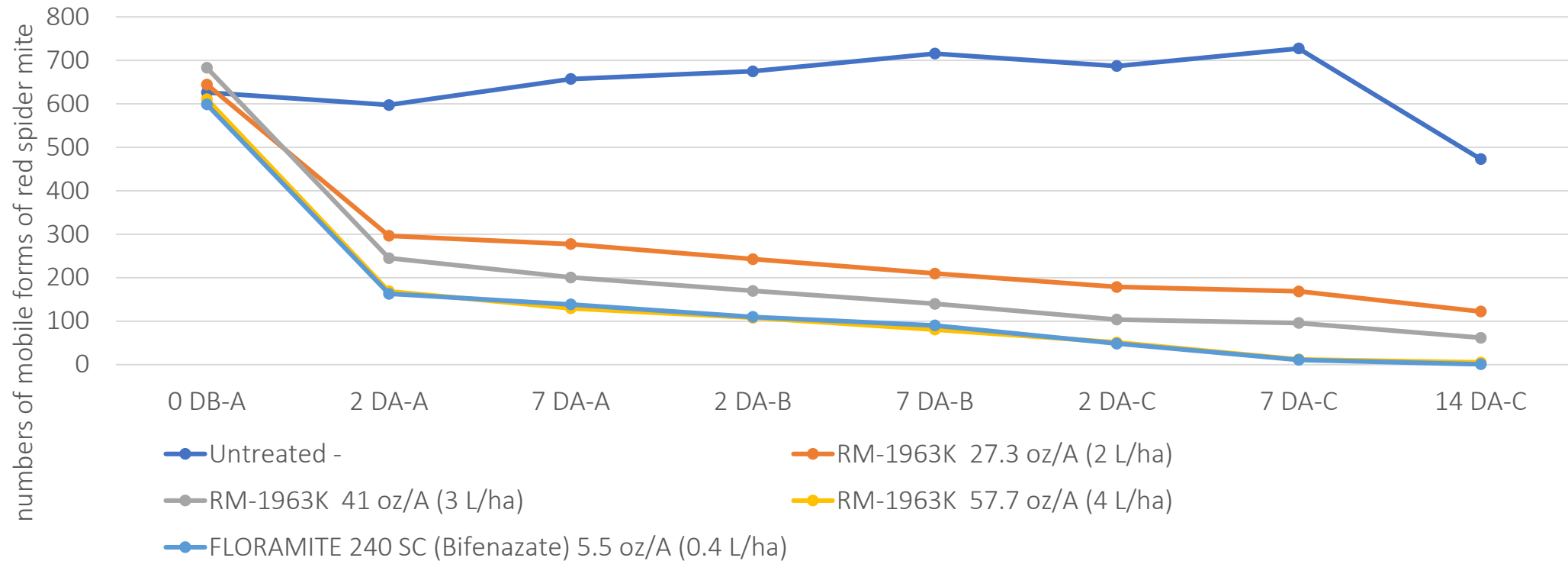
- Efficacy
 1. No systemic activity, translaminar effect or vapor action
 2. Rapid reduction of pest population
 3. Active to all growth stage, eggs, larvae, nymphs, and adults
 4. Residual effects (up to 7 days) on *T. urticae*

- Mode of Action
 1. Consider to be suffocation by blocking the spiracle
 2. Inhibit the behavior and egg laying in mites
 3. Inhibit the orientation and the courtship behavior in white flies



Mobile forms of Red spider mite to tomato (GH)

The efficacy of RM-1963K against **mobile forms** of red spider mite on tomato (GH), Romania, 2017



Region/county/state/Country: COMLOSUL MIC, Romania

Application volume: 264 GAL

Crop: Tomato (cv. CINDEL)

Target pest: Red spider mite (*Tetranychus urticae*)

Number of application: 3

Application interval: 7 day

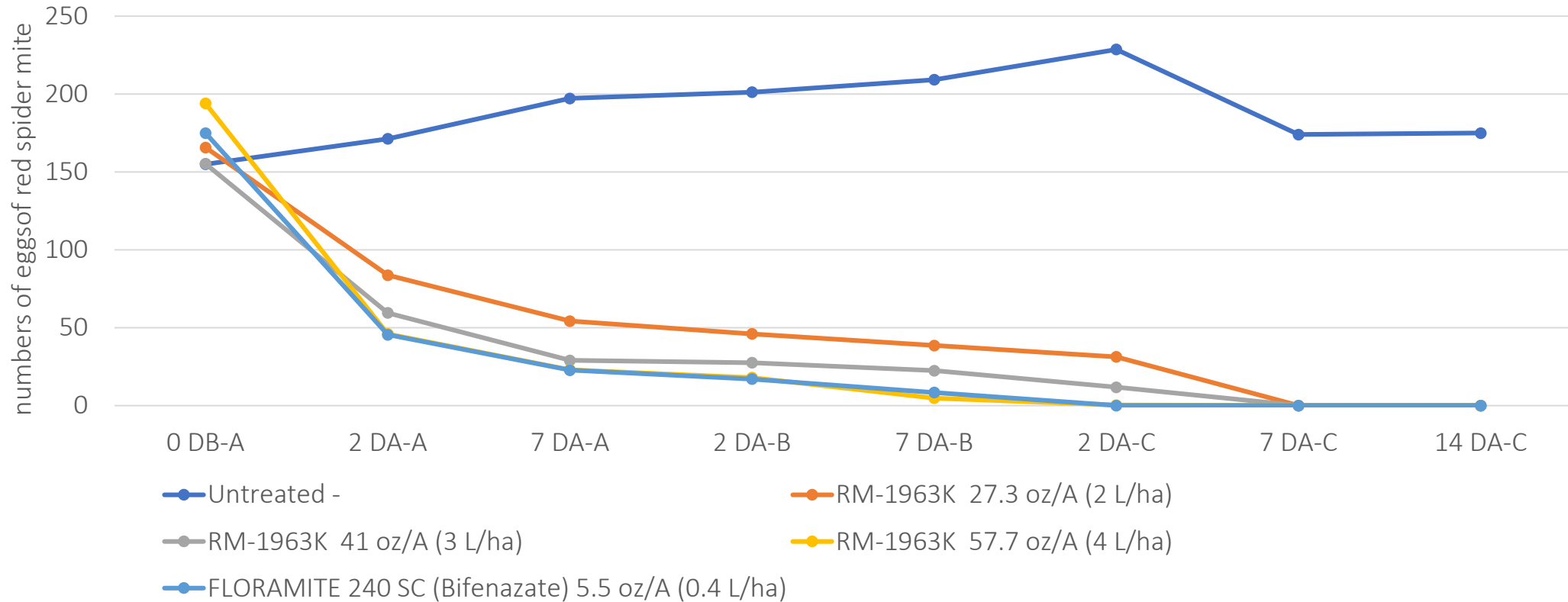
DAA: days after 1st application, DAB: days after 2nd application

DAC: days after 3rd application



Eggs of Red spider mite to tomato (GH)

The efficacy of RM-1963K against **eggs** of red spider mite on tomato (GH), Romania, 2017



Region/county/state/Country: COMLOSUL MIC, Romania

Application volume: 264 GAL

Crop: Tomato (cv. CINDEL)

Target pest: Red spider mite (*Tetranychus urticae*)

Number of application: 3

Application interval: 7 day

DAA: days after 1st application, DAB: days after 2nd application

DAC: days after 3rd application

