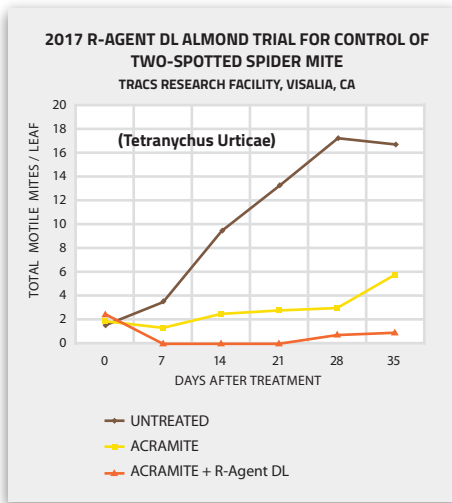




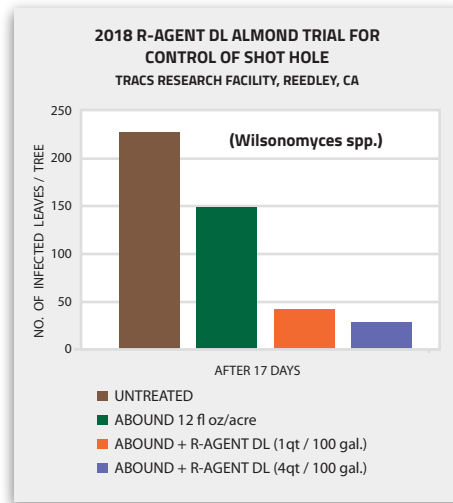
Summary of Research

To determine the increased efficacy of miticides, fungicides, and herbicides when used in combination with R-Agent DL. Recent trials include mites and disease on almonds, as well as diseases on grapes and blueberries.

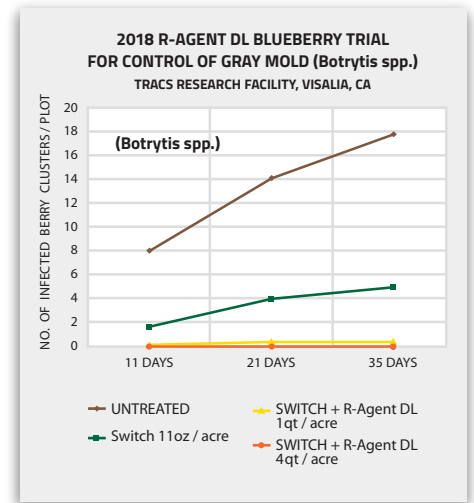
Spreader-Activator with Citrus Extract



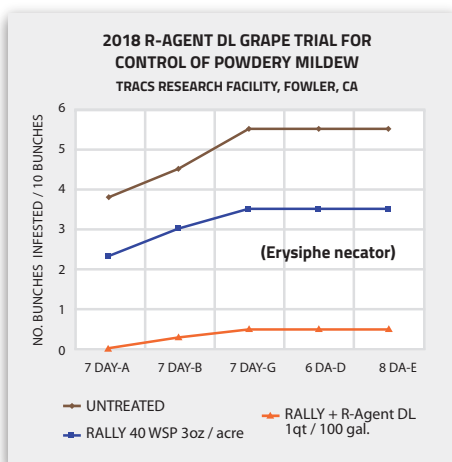
Independent research showed that the addition of *R-Agent DL* to *Acramite*® at 1 quart per 100 gallons significantly improved control of mites over *Acramite* alone at P.05 level. No phytotoxicity was observed from any treatment.



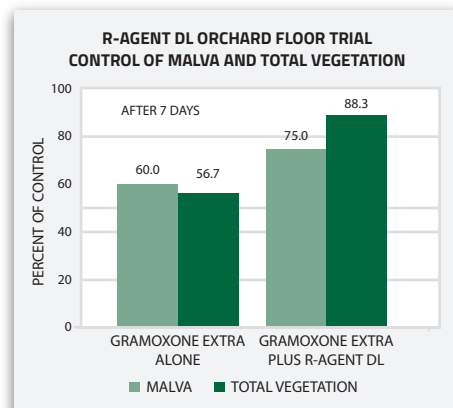
The shot-hole infestation was high. Independent research showed that all rates of *R-Agent DL* combined with *Abound* significantly improved control of shot hole over *Abound* applied by itself. There was no crop injury observed on leaves, flowers or developing nuts. The *R-Agent DL* plus *Abound*® did an excellent job of wetting the tree branches, flowers, and leaves. There were no mixing or spraying issues observed with the *R-Agent DL* treatments.



Independent research showed that *R-Agent DL* plus *Switch*® resulted in significant reduction in the number of berry clusters infected with *Botrytis spp.* compared to *Switch* applied alone. There was no crop injury observed on leaves, buds or developing berries. Wetting was excellent on leaves and stems with *R-Agent DL* plus *Switch*. There were no mixing or spraying issues with the tank-mixture of *R-Agent DL* plus *Switch*.



Independent research showed that the Rally plus *R-Agent DL* significantly controlled the powdery mildew better than *Rally*® alone at the P.05 level. *R-Agent DL* did an excellent job of wetting the grape leaves and bunches. There were no mixing or spraying problems observed with the addition of *R-Agent DL* with Rally.



The percentage control of Malva and total vegetation using Gramoxone Extra plus *R-Agent DL* was significantly greater than the percent control using Gramoxone Extra alone.

Sizes: 1 gal. and 2.5 gal.

For more information:

Contact Tom Kelm
email: tom@chemurgic.net
559 696-6558



Chemurgic Agricultural Chemicals, Inc.

P.O. Box 2106 • Turlock, CA 95381

R-Agent DL®

d-LIMONENE SURFACTANT
SPREADER • ACTIVATOR



Spreader-Activator with Citrus Extract

New research shows enhanced effectiveness of scale, thrips, mite and fungicidal sprays.

R-Agent DL is designed as a spreader-activator to promote herbicide performance through coverage, penetration and translocation. New research shows enhanced effectiveness of scale, thrips, mite and fungicidal sprays.

100% Active Ingredient!

Unlike other products which contain far less d-limonene, *R-Agent DL* contains 100% active ingredient. The primary functioning agents in *R-Agent DL* are d-limonene, high purity paraffinic oil, and non-ionic surfactants.

The *R-Agent DL* Advantage:

- Contains plenty non-ionic surfactant to ensure good mixing and provide enhanced spreading
- High-quality citrus extract formulation
- Penetrant action enhances insect, mite, weed, and fungicidal sprays
- Breaks down waxy surface on hard to kill weeds such as nutgrass and mare's-tail
- Low foaming
- Compatible with most pesticides, water conditioners, fertilizers and defoamers
- Masks pesticide odors and cleans spray tanks
- Results are more complete and last longer.

Common Uses:

R-Agent DL may be used with and without oil on agricultural, turf, ornamental, and non-cropland sites.

Safety and Compatibility:

When using on vegetable, fruit and nut crops, no additional surfactant is needed or recommended as this may lead to ringing or spotting of fruit. *R-Agent DL* may be used at rates of up to 2% of the total solution when mixing with Glyphosate, Glufosinate and other herbicides.

R-Agent DL is compatible with fertilizers and water conditioners commonly used in herbicide sprays. Use lower rates on sensitive crops. Compatibility tests on small areas are recommended when combining chemicals for the first time.

Recommended Use Rates for Air/Ground Applications:

Use 1 to 4 qts. per 100 gal. of finished spray mixture.

For low volume applications of less than 20 gal. per acre, use at least 1 pt. per acre.

For back-pack and hand-held sprayers, use 0.5 oz. per gal. of water.

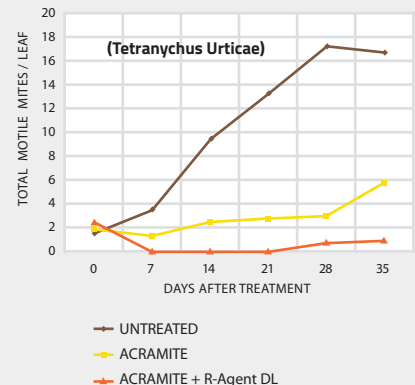
Do not use this product at a rate which exceeds 2% of the finished spray volume.

Principal Functioning Agents:

Isoparaffinic hydrocarbons, d-Limonene and Ethoxylated octylphenols.....100%

NOT FOR AQUATIC USE IN WASHINGTON STATE

2017 R-AGENT DL ALMOND TRIAL FOR CONTROL OF TWO-SPOTTED SPIDER MITE
TRACS RESEARCH FACILITY, VISALIA, CA



Mixing:

Fill tank to half of finished spray volume. While agitating, add *R-Agent DL*, then add other products in the following order:

- 1 Dry flowables or water-dispersable granules
- 2 Wettable powders
- 3 Flowables
- 4 Solutions
- 5 Emulsifiable concentrates

Continue agitation until thoroughly mixed. Agitating through application is recommended. If allowed to stand, agitate and thoroughly remix before applying.

Sizes: Available in 1 gal. and 2.5 gal.

For more information:

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email: tom@chemurgic.net
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Distributed by
CHEMURGIC

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R-Agent DL[®]

d-LIMONENE SURFACTANT
SPREADER • ACTIVATOR



Spreader-Activator with Citrus Extract

R-Agent DL[®] significantly boosts the performance of herbicides, insecticides, miticides, and fungicides.

R-Agent DL is designed as a spreader-activator to promote herbicide performance through coverage, penetration and translocation. New research shows enhanced effectiveness of scale, thrips, mite and fungicidal sprays.

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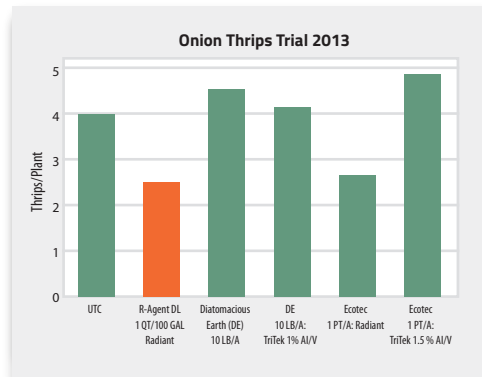
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Do not use this product at a rate which exceeds 2% of the finished spray volume.

Principal Functioning Agents:

Isoparaffinic hydrocarbons, d-Limonene and Ethoxylated octylphenols..... 100%

NOT FOR AQUATIC USE IN WASHINGTON STATE



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