

# Rosemania

## Rosemania Recommends

### Successful Spray Programs

by: Logan Shillinglaw



Our goal is to make growing beautiful roses as easy as possible. Last month, Robbie did a great job talking about the basics needed to get your roses off to a good start. Choosing a successful spray program can keep a good thing going. The last thing you want to do is take what appear to be short cuts in the care of your roses.

With any good spray program, the key is "Prevention". Once your roses become infected, left untreated you can generally count on losing most of the leaves. No leaves means no photosynthesis and that equates to NO ROSES! While you can spray to eliminate such problems, the best strategy is to prevent them from happening in the first place.

When you do your spring pruning, immediately start your preventative spray program. Spray the canes and bed with a blackspot contact killer such as *Mancozeb* or *Pentathlon*. This will eliminate any blackspot spores that "wintered" over. One week later, start your preventative program and continue until your roses go dormant from cold weather (late fall or early winter). Rosarians in Florida and California need to continue their spray program year round.

We have a lot of people asking what

spray program we recommend as a "proven performer". A practical program would be *Banner Maxx* sprayed every 14 days. I also mix *Mancozeb* or *Pentathlon DF* with the *Banner Maxx* (both at full strength) every other time I spray. *Banner Maxx* is very economical when you take into consideration that one teaspoon will make three gallons of spray solution. This means a one pint bottle will make almost 300 gallons. The shelf life of a bottle of *Banner Maxx* is 5 years from the time it is

tive spray program available, consider alternating *Compass* or *Heritage* with *Banner Maxx* every 14 days to prevent the fungus spores from building up a resistance to the use of only one systemic fungicide.

I spray early in the morning or late in the afternoon when it is cool. It is best to spray after the dew has evaporated in mornings or before it gets dark in afternoons. Be sure to use a *spreader/sticker* in your spray mix. The natural oil in rose leaves will cause some high surface tension between the spray solution and the rose leaves. This causes the water to "bead up" on the leaf like water does on a waxed table. Unless this surface tension is broken, the spray will not evenly cover - and protect - your plants.

*Indicate 5* has been the spreader/sticker of choice for many years and I can't recommend it enough. A quart goes a long way. Simply mix your chemicals in your sprayer and add the *Indicate 5* last. Only add enough to turn the water pink. Once it stays pink, you are ready to start spraying.

<u>Fungicides</u>	
<i>Eagle 20EW (pint)</i>	\$69.99
<i>Banner Maxx (pint)</i>	\$69.99
<i>Honor Guard (pint; generic B. Maxx)</i>	\$57.99
<i>Heritage (4oz)</i>	\$149.99
<i>Compass (8oz)</i>	\$249.00
<i>Compass (1 pound)</i>	\$469.00
<i>Mancozeb (pint)</i>	\$24.99
<i>Pentathlon DF (6 lb)</i>	\$47.99
<i>Pentathlon LF (2.5 Gallons)</i>	\$124.99
<i>Daconil Ultrex (5 lb)</i>	\$89.95
<i>Clearys 3336F (quart)</i>	\$72.99
<i>Stature SC (for Downey Mildew)</i>	\$199.99
<i>Aliette WDG (5lb)</i>	\$154.95
<i>CuPro (Kocide 3lb.)</i>	\$39.99
<i>Decree (2.5 lb.)</i>	\$265.00
<i>Indicate 5 spreader sticker (qt)</i>	\$21.99
<i>Indicate 5 spreader sticker (gal)</i>	\$44.50

first opened if stored properly. We now have *Banner Maxx* in a generic formulation (*Honor Guard*) at a reduced price. Be sure to ask for it when you call or read about it on our website.

Choose a spray day that generally is good for you. For me, that is usually Sunday. If it rains on Sunday, I spray on Monday but keep my regular day (Sunday) in two weeks when it is time to spray again. If it rains after you have sprayed, the plants are protected IF the spray had dried before the rain.

For those who want the best preventa-

<u>Insecticides</u>	
<i>Conserve SC (Great for thrips!)</i>	\$149.99
<i>Kontos (insecticide/miticide 250 ml)</i>	\$199.95
<i>Merit (2 oz) (for aphids and J. Beetles)</i>	\$59.99
<i>Orthene 97 WP (.773 lb)</i>	\$31.99
<i>Mavrik (quart)</i>	\$145.00
<i>Neem Oil (pint)</i>	\$22.99
<i>Talstar Professional (quart)</i>	\$79.99
<i>Immunox Plus (quart)</i>	\$23.00
<i>Lime Sulfur (quart)</i>	\$24.99

Like most rosarians, I don't use insecticides unless I have an insect problem. The trouble with insecticides is that they don't just kill the aphids, white flies and other chewing insects. They also kill ladybugs, green lacewings and other ben-

## Our Complete Catalog & Secure "Online" Ordering at [www.rosemania.com](http://www.rosemania.com)

Orders: Toll Free 888-600-9665 M-F; 8-5 Central; Questions: 615-794-4416 Fax: 615-790-4981

FREE SHIPPING to the lower 48 States on all orders over \$15. (excludes roses)

Rosemania 4020 Trail Ridge Drive Franklin TN 37067

# Rosemania

## Conserve SC \$149.99 (quart)



Recent studies on thrip control have revealed the effectiveness of Conserve, a spinosad insecticide. Spinosad is derived from a soil dwelling bacteria. Studies at Ohio State University found that Conserve was significantly better than Orthene at controlling thrips while retaining high numbers of beneficial insects. Conserve also works great for control of bud worms, bag worms, fall webworms, gypsy moth, and spruce budworms. Usage is 1/3 (one third) teaspoon per gallon.

official insects that eat aphids and spider mites. Overuse of insecticides will cause you more problems than solutions, so use them only when they are needed. I can highly recommend **Orthene**, **Talstar**, and **Merit** for control of most chewing and sucking insects.

The phone calls and E-mail we receive indicate that many of you are dealing with an insect called the "thrip". These are tiny insects that love to get inside your rose blooms and suck all the juice out of the petals. They start on the outside petals causing them to loose their substance and making it impossible for the bloom to open. You will notice the edges of light colored roses turning brown. Many think the thrip prefers the lighter colored roses but I believe they are just easier to recognize on lighter colors than reds. You can positively identify the culprit by opening up an affected bloom. You will see what looks like many tiny hopping wood splinters running around the inside of the blooms. Some of you in Florida and southern states are also dealing with the dreaded Chilean thrip. This species not only attacks the blooms but also can attack the foliage of the plant. Both types can be

difficult to control.

For years, the preferred method was to mist the blooms with **Orthene** daily. The reason you only mist the blooms is to keep from killing all the beneficial insects in your garden from heavy pesticide use. With the introduction of **Conserve SC** a few years ago, it is now much easier to control thrips and various bud worms and caterpillars. **Conserve** is a new kind of insecticide derived from a bacteria. It will not kill beneficial insects like lady bugs and praying mantis but will do a great job of controlling thrips. I like to start adding **Conserve SC** to my regular spray mix in the spring as soon as I see buds forming. I continue to use the **Conserve** until the end of July and then I give it a break until mid September. This preventative program has served me well the past several years. If you have an infestation of thrips, you may want to combine **Conserve** with **Merit** for a quick knock-down.

**Kontos** is a new systemic insecticide/miticide that is both xylem and phloem active, meaning the active ingredient moves upward and downward in treated plants, according to Dr. Richard Lindquist, OHP senior technical manager. "**Kontos can be applied as a foliar spray or drench and controls a number of major sucking insect and mite pests, including aphids, leafhoppers, mealybugs, psyllids, spider mites, and whiteflies,**" notes Dr. Lindquist. **Kontos** is a suspension concentrate (SC) formulation and is packaged in 250 ml bottles (8.45 oz). Usage is 1.7 to 3.4 oz per 100 gallons. (1/8 to 1/4 tsp per gallon).

It is important to wear proper safety equipment when spraying your roses. You want to protect your lungs, your eyes and your skin. No pesticide, not even home-made remedies are good for

## New! Kontos Insecticide/Miticide

**\$199.95**  
250ml bottle (8.45 oz)  
Usage is  
1/4 to 1/8 tsp/gallon



your lungs so be sure to wear a pesticide respirator any time you are spraying. Remember, if you can smell it, you are breathing it! A paper mask **WILL NOT** protect your lungs from pesticide vapors. For eye protection, wear goggles (these will fit over your glasses) or safety glasses with side shields. To protect your skin you should at a minimum wear long pants and a long sleeve shirt. **Tyvek coveralls** are fantastic for this purpose. They can be used many times before simply throwing them away. This also prevents the need to wash pesticide coated clothing in your washing machine. For hand protection, there is no better product available than **Nitril Disposable Gloves**. Each box comes with



## Dual Cartridge Respirator

*If you can smell it, you are breathing it!*

### Safety Equipment

Dual Cartridge Respirator	\$35.99
Respirator Replacement Cartridges	\$18.99
Nitril Disposable Gloves	
100/box (sizes S,M,L,XL)	\$19.99
Goat Skin Gloves (S,M,L,XL)	\$15.99
West County Gloves	\$32.95
Mud Gloves (XS/S/M/L)	\$8.99
Goggles	\$19.99
Tyvek Coveralls (sizes: S,M,L,XL,XXL)	
1 pair \$9.25; 5 - 9 pairs; price each	\$7.50

**(Continued on next page)**

# Rosemania

100 gloves. Use once and throw away.



High performance (85psi) Shurflo Pump designed for heavy-duty spraying applications. This pump has Viton valves and a Santoprene diaphragm compatible with most present day horticultural chemicals.

7 gallon high density tank with graduation marks by the gallon; Extra tanks available and easily interchangeable; Sealed 12-volt lead-acid type rechargeable battery complete with battery Charger included; Spot-shot's polypropylene spray gun with lockable trigger; The standard version comes with a 30 foot hose and 24 inch wand. The *Special Rosemania Version* comes with an longer 30" wand and 50 feet of hose! An adjustable nozzle and a tee-jet flat spray nozzle are included in both models. Industrial-type 10" wheels with tires mounted on "no rust" high impact polypropylene wheels.

**Standard  
Version  
\$399.95**

**Special  
Rosemania  
Version  
\$439.95**

**Free ship-  
ping to the  
Lower 48  
States!**



Be sure to choose a sprayer that is right for your garden. In most cases, a 2 gallon pump sprayer will work well. If it takes you longer than one hour to spray your roses from start to cleanup, you don't have the right equipment. For large gardens or for those who want the best sprayer on the market, you cannot beat the *Spotshot*. The *Special Rosemania Version* has been customized to our specifications. The 50 foot hose enables the user to cover large areas without moving the sprayer while the 30" wand is the perfect length for getting the under-side of leaves while minimizing stooping and bending. For small or large gardens, the *Hudson Never-Pump* is a

great choice if you can carry weight on your back. This 4 gallon battery powered backpack has a 10 hour battery life and has been extremely popular with our customers. TIP: Many customers who don't want a battery powered sprayer but don't want to carry it have strapped the *Never-Pump* to a light-weight mover's dolly. (Pictures of this modification are available at our website.)

A last few points. Always follow the directions on the manufacturer's label. More is not better so don't over mix or over apply. Spray your roses to lightly cover the leaves. Be sure to safely dispose of all spray material when you are finished. The mixture will lose its strength and storage is not a safe practice. Be safe and have a great time in your garden!

## **Hudson Never-Pump Sprayer**

This 4 gallon backpack sprayer comes complete with battery charger and several wand attachments. **The battery life lasts up to 10 hours on a single charge! Great for small gardens. Can also be put on a dolly for those with bad backs. Call our toll free number to find out how.**

**1 year warranty backed by Hudson.**

**\$134.95  
shipping included**



***Don't miss your last chance to order bare root roses. All our bare roots are #1 grade from Weeks Roses.***

***We also have a wonderful selection of miniature and miniflora roses grown in our own greenhouses in Thompsons Station, TN.***

***Rose Societies, don't forget your bud n' bloom orders at wholesale pricing.***

***Complete Selection at:  
www.rosemania.com***