

# Rosemania

## Rosemania Recommends

### Choosing a Good Spray Program

by: **Robbie Tucker**



Regardless of claims made by rose companies of “disease resistance”, most roses require a spray program to prevent disease such as *blackspot*, *powdery mildew* and *rust*. The key word to remember is “prevent”. 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.

First, a little lesson in terminology. The term “pesticide” includes fungicide, insecticide, miticide and herbicide. I tell you this because some people confuse the word “pesticide” with “insecticide”. I don’t like to spray pesticides any more often than necessary and I want to use the least toxic materials that will actually work. This is why I have chosen products that only need to be sprayed every two weeks. But before we talk about what products to use, let’s take some time to talk about spray safety.

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 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. After each spray, I hang them up in my garage. 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 100 gloves. Use once and throw away.



### Dual Cartridge Respirator

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

### Safety Equipment

<i>Dual Cartridge Respirator</i>	\$34.50
<i>Respirator Replacement Cartridges</i>	\$17.99
<i>Nitril Disposable Gloves</i>	
100/box (sizes S,M,L,XL)	\$19.99
<i>Goat Skin Gloves (S,M,L,XL)</i>	\$15.99
<i>West County Gloves</i>	\$32.95
<i>Mud Gloves (XS/S/M/L)</i>	\$8.99
<i>Goggles</i>	\$18.25
<i>Tyvek Coveralls (sizes: S,M,L,XL,XXL)</i>	
1 pair \$9.25; 5 - 9 pairs; price each	\$7.50

For gardens of 50 roses or less, 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 first opened if stored properly. We now have *Banner Maxx* in a generic formulation (*Honor Guard*) at a reduced price. While the price of *Banner Maxx* has increased this year, *Honor Guard* has not making it an even better pick. 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 Friday. If it rains on Friday, I spray on Saturday but keep my regular day (Friday) 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 preventative spray program available, consider alternating *Compass* 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 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 beneficial insects that eat aphids and spider

### Fungicides

<i>Eagle 20EW (pint)</i>	\$72.99
<i>Banner Maxx (pint)</i>	\$72.99
<i>Honor Guard (pint; generic B. Maxx)</i>	\$57.99
<i>E-RASE (pint) for Powdery Mildew</i>	\$27.00
<i>Compass (8oz)</i>	\$249.00
<i>Compass (2oz)</i>	\$72.99
<i>Mancozeb (pint)</i>	\$24.99
<i>Pentathlon DF (6 lb)</i>	\$47.99
<i>Pentathlon LF (2.5 Gallons)</i>	\$111.00
<i>Daconil Ultrex (5 lb)</i>	\$89.95
<i>Clearys 3336F (quart)</i>	\$75.99
<i>Aliette WDG (5 lb)</i>	\$154.95
<i>Aliette WDG (4oz NEW!)</i>	\$29.99
<i>Stature SC (for Downey Mildew)</i>	\$199.99
<i>CuPro (Kocide) 3lb.</i>	\$37.00
<i>Decree (2.5 lb.)</i>	\$249.99
<i>Indicate 5 spreader sticker (qt)</i>	\$19.95
<i>Indicate 5 spreader sticker (gal)</i>	\$41.95

**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

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

Our phone calls 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 lose 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

## Insecticides

<i>Conserve SC (Great for thrips!)</i>	\$149.99
<i>Merit (2 oz) (for aphids and J. Beetles)</i>	\$59.99
<i>Orthene 97 WP (.773 lb)</i>	\$32.99
<i>Mavrik (quart)</i>	\$145.00
<i>Neem Oil (pint)</i>	\$21.50
<i>Systemic Insect Killer (aka Isotox pint)</i>	\$21.50
<i>Talstar Professional (quart)</i>	\$99.99
<i>Talstar (pint)</i>	\$45.00


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 three years. If you have an infestation of thrips, you may want to combine *Conserve* with *Merit* for a quick knock-down.

***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.



Another good insecticide is *Talstar*. It will give good control of aphids and will also kill cucumber beetles. The cucumber beetle can look different depending on the geographical location but in most areas they appear to be a green ladybug. The cucumber beetle will eat holes in your bloom and can be a big nuisance.

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 is what 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.



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 shipping to the Lower 48 States!***

***(Continued on next page)***

# Rosemania

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 back-

pack has a 10 hour battery life and has been extremely popular with our customers. *TIP: Many customers who want a battery powered sprayer but don't want to carry it have strapped the Never-Pump to a light-weight mover's dolly.*

While we also carry several pump-type sprayers, I don't want to forget to mention the **Duromax Battery Powered Sprayer**. While not as powerful as either of the two battery-powered sprayers mentioned above, it is still wonderful for small gardens and small jobs.

## **Duromax 1.3 Gallon Battery Powered Sprayer**

Comes with an adjustable nozzle and an 18" wand for a controlled even spray. On/off trigger locking system; 1.3 gallon tank; Shoulder strap adjusts; Sprays up to 5 hours in one charge!

**\$89.95**  
**Free Shipping**



## **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**



## **Rosemania Announces Rose Show Gift Certificate Program!**

We have received many calls over the years asking for gift certificates in various amounts to be used as rose show awards. Till now we only offered those certificates in increments of \$25. Things have changed! Having purchased many keeper trophies for local and District rose shows, we know how difficult the job can be to keep expenses low while offering a keeper trophy with real value to the winning exhibitor. While crystal may still be appropriate in many cases, we are happy to offer all rose societies access to our new Rose Show Gift Certificate Program.

All you have to do is call our toll free number and talk to one of our sales reps. Certificates are printed in color on white card stock. The certificate dimension is 5.5" wide by 8.5" tall. Blank space will be left for the rose society to write the winning name and the category. (see example)

Certificates are available in any increment of \$5.00 and your winners can combine any number of certificates for their purchases, making them an award any exhibitor can use.

Rosemania

**Rosemania Gift Certificate  
In the Amount of:**

**\$15**

**Awarded to:**

**Mr. and Mrs. John Doe**

**For:**

**Miniature English Box**

**Anderson County Spring 2009 Rose Show**

**Certificate # 12345**