



## Instructions for using your new Sprinkler Magician System

### General Information

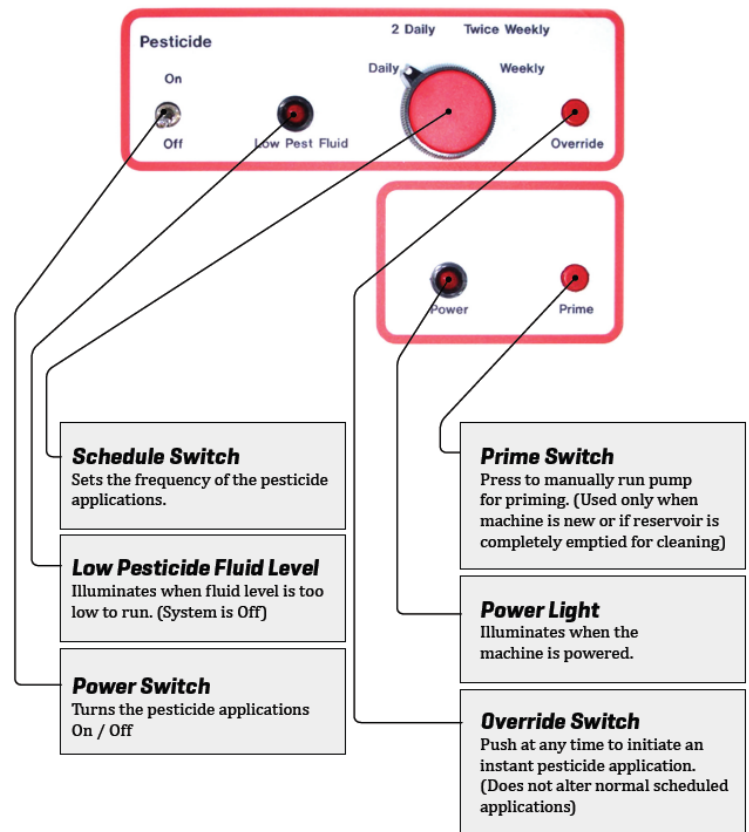
This system kills and repels mosquitos and other bugs where they hide, in your yard. It utilizes your sprinkler (irrigation) system to apply an effective natural treatment to all lawns and gardens. Safe for your family, pets, and the environment.

The advanced electronics monitor and control the sprinkler system allowing it to distribute the mosquito concentrate to all areas it reaches, generally all lawns and gardens.

The liquid mosquito concentrate is a completely natural formula, as well as mosquitoes it also handles gnats, no-see-ums, and most other biting insects. A high pressure pump very accurately injects the concentrate into the stream of water so that it spreads evenly on all plants and lawns. The system cycles through, completely automatically, one sprinkler zone at a time until all zones have been treated.



1. The Diagram at right shows the control panel and gives the function and a brief description of each of the controls.



*This product is patented and proudly made in the USA*



2. **Filling the Reservoir** - to fill the reservoir turn the container around so the filler faces outwards as shown below. Then fill with up to 5 gallons of Mosquito Magician natural pesticide concentrate. It is important to use only Sprinkler Magician concentrates as other types may cause damage to the pump and other components which will void the warranty.

Note: The first time the reservoir is filled it will take approximately ½ gallon of concentrate to prime the system and fill the reservoir up to the point that the LOW PEST FLUID light goes out. This initial ½ gallon cannot be used as the system needs a reserve to ensure the pump does not ever run dry.



3. **Setting the Application time** - to set a new time of day for the system to run its pesticide applications follow this procedure. At the time of day when you want it to run, turn the Power switch OFF (3a), then press and hold the “Override” and “Prime” buttons simultaneously for 5 seconds (3b). The new time will be set and the “Low Pest Fluid” light will flash rapidly 5 times to confirm that the new time has been entered. Turn the Power switch back ON (3c), OFF (3d), and then finally back ON (3e), to resume normal operation. The system is now ready to run on its new time. You do need to do this at the time of day that you want the machine to perform its pesticide treatment. You only need to do this once, but you can change the time by repeating the procedure any time you desire.



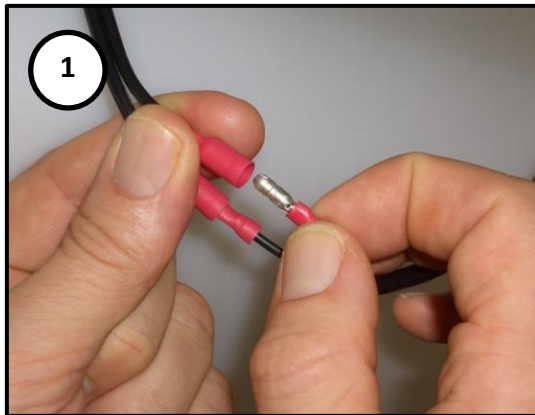
4. **Different Schedules** - there is the option to have the system run either daily, Every 2 Days, twice a week, or weekly (once a week). How often you chose to run the system depends on your local conditions, the amount of mosquitos in your area as well as the amount of rainfall at the time. You can change the setting any time you want – bear in mind that the system will use a given amount of concentrate every time it runs, so changing from every 2 days, to Daily treatments, will use double the amount of concentrate used, etc.



## Winterizing

The Sprinkler Magician system can easily be winterized. To winterize the system follow the steps below:

1. Remove the electrical connectors for the float switch taking care to only pull on the two red plastic connectors – never pull on the wires themselves.
2. Push on the blue ring and remove the pump pick up tube from the reservoir
3. Remove the reservoir from the machine.
4. Next turn off the Irrigation system water supply and bleed down pressure in the system by turning on one of the zones.
5. Now take the pipe that you removed from the reservoir and blow through it with compressed air (at least 100 PSI) to clear the lines and pump of all liquids. This will now be in the irrigation piping
6. Lastly, blow out the Irrigation system piping as you normally would to winterize the Irrigation system.
7. When you are done remove the reservoir from the machine and store it in a place not subject to freezing temperatures



## Troubleshooting Guide

Here is a list of common questions, if this does not resolve your issue then please call us.

- 1. The system doesn't work at all** – Firstly check that you have a live power outlet. If it's live, then check to see if the Power LED is on, if not check with your Installer or local Distributor. Next, check to see that the Low Pest Fluid light is on. If so, add more concentrate until it turns off, and then try the machine again. If it still doesn't operate then check with your Installer or local Distributor.
- 2. Some zones don't work** – the Sprinkler Magician machine is capable of activating and treating up to 6 zones. If some zones are not functioning when the Sprinkler Magician system operates please call your Installer or local Distributor.
- 3. It hasn't got rid of all the mosquitoes** – there are a lot of things that affect the effectiveness of the system, go through the next section point by point.

## Getting the most out your Sprinkler Magician System

- **Check for standing water** around the property and any other damp places where mosquitoes can breed.
- **Check for plants like Bromeliads** that hold water in their stems which provide an ideal breeding ground for Mosquitoes.
- **Check that the Low Pest Light is not on.** If it is then refill the reservoir with Mosquito Magician concentrate. Make sure you are using Mosquito Magician concentrate - it is extremely concentrated and is the only concentrate that will work correctly with the system. (Also, the warranty is voided if other concentrates are used)
- **Check that the system is delivering concentrate** to all the areas (zones) that have a mosquito issue. You will be able to smell it by walking around the property after the system has just run a treatment cycle.
- **Check that the irrigation spray heads are all operative** and not jammed or partially blocked.
- **Check that you have the zone sizes (Small / Large) correctly configured** for each zone so that the system is delivering the right amount of concentrate to each zone. This should have been done when the system was installed. If you run an application cycle and can smell the concentrate stronger in some areas than others, the settings may need to be changed by the installer to correctly cover your property.
- **Check that the system is being run frequently enough.** Local conditions, the amount of rainfall, and severity of the mosquito problem influence how often the system needs to run treatment cycles. The schedule can be changed at any time between weekly, twice a week, every 2 days, and daily. In dryer climates once a week may be sufficient but if there is frequent rain treat more often – every 2 days for example. If there is severe pest issue then run more frequently for best results. A good way to start is to run it every 2 days for the first week and then drop the frequency to twice weekly and see if the results are still optimum. Then try once a week and again check the results
- **Have realistic expectations.** No system can ever guarantee a 100% elimination of biting insects but we do promise a dramatic reduction – at least 90%. Remember that with any flying pest abatement system strong winds can still blow insects onto your property at times – but they won't stay long.

If all the above points are okay, please call your Installer or local Distributor for further assistance.

## Limited Warranty

Sprinkler Magician LLC warrants to the original purchaser only, that this product is free from defects in workmanship and materials. This applies for a period of one year after the date of purchase. The warranty is voided if the customer uses concentrates other than those supplied by Sprinkler Magician.

### What the Limited Warranty Does Not Cover

This limited product warranty does not cover product misuse, improper installation, modification, alteration, impact, accident, and physical damage that are not the result from any defects in workmanship and materials. Physical damage of the product voids this limited warranty.

### What We Will Do To Correct Problems

Within 30 days of receipt of product and proof of purchase, Sprinkler Magician will inspect the product to determine the existence of any defect in workmanship and materials. If Sprinkler Magician discovers a defect in workmanship and materials then Sprinkler Magician will, at our sole option, either replace or repair the product.

### How You Can Get Service for a Warranty Claim

Please call your Installer or local Distributor for assistance with any Warranty issue.

If you purchased the system directly from Sprinkler Magician, then please contact us with proof of purchase. You can email [info@sprinklermagician.com](mailto:info@sprinklermagician.com) for a RMA number and other warranty claim information. You are responsible for all shipping charges and the payment of such charges to return the product to Sprinkler Magician for any repairs.

### Disclaimers

Implied warranties including that of merchantability and fitness for a particular purpose are expressly limited to the duration of this limited warranty. Under no circumstances shall we be liable to purchaser or any other person for any special or consequential damages whether arising out of breach of warranty, breach of contract, tort, indemnity, contribution, or otherwise. We do not warrant or guarantee that the product is in compliance with your state's/province's ordinances.

### How State/Province Law Applies to the Limited Warranty and Disclaimer

Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. You may also have other rights which vary from state/province to state/province.

***Thank you for purchasing this product, if you have any questions please call your Installer or local Distributor.***

***Sprinkler Magician LLC***

