

This Free E-Book is brought to you by [Natural-Aging.com](http://Natural-Aging.com).

**100% Effective Natural Hormone Treatment**  
**Menopause, Andropause And Other Hormone Imbalances**  
**Impair Healthy Healing In People Over The Age Of 30!**

## Improvements in Robotic Lawn Mowers

By Kerry Clabaugh

Robotic lawn mowers are creeping their way in to everyday American life. Like the dishwasher, they were really more trouble than they were worth in the beginning. But technological advances have made the robotic lawn mower practical.

Robotic lawn mowers can now mow on a time schedule and return to the charging base all season long without human intervention, this is the breakthrough that makes them truly useful.

An advanced feature on at least one model is the self-programmable mode. As these robotic lawn mowers work they determine the size of the yard and how fast the grass is growing, when they go back to their charging base they calculate the next time they need to come out to keep the grass at the optimal height.

Rain sensors are becoming standard equipment. When it starts to rain or the sprinkler system activates, they return to their charging base. Mowing in the rain was a major complaint for early adopters.

Some robotic lawn mowers even have a wet grass detection system. Rain sensors are a step in the right direction, but it is the wet grass detection system that cures the problem. Heavy or long periods of rain can leave the grass wet and the ground soft for days. Heavier robotic lawn mowers could get stuck and dig trenches losing traction and spinning tires. Keeping bags of sand handy was just considered part of robotic lawn mower ownership.

Light weight lithium ion batteries allow mowers to cut longer and recharge much faster. In fact some can recharge in as little as 4 hours allowing the mower to go out twice a day if needed.

In addition to faster recharge times, lithium ion batteries do not have the 'memory' problems associated with lead acid batteries. Basically the memory effect is caused when a battery is not fully discharged on a consistent basis, they remember the shortened life cycle, reducing the useful length of time until the need to recharge.

Robotic lawn mowers have become more reliable too. The addition of thermistors that detect when

## Improvements in Robotic Lawn Mowers

motors are overheating and less heat sensitive circuit boards and higher quality components extend the life expectancy past 10 years, about the same as a new quality riding lawn mower.

Robotic lawn mowers are now pretty much maintenance free. Changing the blade once a year and winter storage is about all the attention needed on a routine basis.

Robotic lawnmowers are now able to handle yards as small as 1/8 acre up to 5 acres. Depending on the model, they can handle slopes of up to 30 degrees. All major brands of robotic lawn mowers are waterproof and can remain outdoors all mowing season long.

Residential robotic lawn mowers require a perimeter wire similar to an electric dog fence to be laid prior to operating. Laying the wire is a one-time event that will last the life of the mower.

Setting the perimeter wire is probably the scariest part of purchasing a robotic lawn mower. It is not difficult to stake the wire in place. It usually takes about 3 hours for 1,000 ft. of wire. The wire need not be buried as the grass and roots will grow over it in about 2–3 weeks.

If the mower should cross the wire boundary it will immediately stop. So there is no need to worry about it running away or mowing the neighbor's yard.

Operating the robotic lawn mower is simple, actually easier than programming a VCR. In theory, programming the mowing schedule need only be done at the beginning of the season. The LCD screens have full instructions and are easy to read.

There are quite a number of internet sites that have detailed information about specific features of the different models of robotic lawn mowers. Hopefully this general description will give readers the interest to look into these new appliances.

Kerry Clabaugh runs

[www.bamabots.com](http://www.bamabots.com)

, a website dedicated to robotic lawnmowers sales and

education. Kerry is also interested in your experiences with robotic lawnmowers. He can be reached toll free (877) 383–6054

### **Automate Your Lawn Work**

**By Kerry Clabaugh**

We think nothing of the computers in our cars. Who hasn't at least heard of the robotic floor sweepers? Yet for some reason Americans have not yet embraced the one of the greatest home labor

## Improvements in Robotic Lawn Mowers

saving devices, the robotic lawn mower.

Robotic lawn mowers can cut a yard very efficiently. The software is designed to take into account various types of grass and growing conditions.

The Lawnbott Evolution is particularly sensitive to how fast the grass is growing. Every time it mows it will sense how much resistance is against the blade to try and determine how fast the grass is growing. When it goes back to the charger it will calculate the next time it needs to come out to keep the grass at the optimal height. In other words it will come out more in May than in October.

The new Robomower RL1000 models now match the Lawnbott robotic mowers with rain sensors. So they will not attempt to mow in the rain. The LawnBott takes it a step further with a wet grass detection system, if the grass is too wet it goes back to the charger automatically.

Robotic mowers can be programmed to mow any time day or night. They can be told what days to come out or to stay in. So they can automatically mow during the week while the kids are in school or at night when everyone is in bed, or not mow on the weekends.

They can mow in different patterns so as to cut the grass in different directions. They don't leave the patterns in the yard like traditional mowers. The yard looks always crew-cut smooth.

Robotic mowers prefer to cut more often, they put much less stress on the grass and keep weeds from seeding. Robotic lawn mowers cut just the very tip of the grass so it falls to the ground as ready fertilizer. Virtually every lawn care website states how important that it is to reuse grass clippings.

Reducing water and fertilizer use is also important. Too much water and fertilizer can lead to too rapid of growth which will cause thatch.

Robotic lawn mowers use no gas or oil, they are very environmentally friendly. It is estimated that it costs only \$7.00 a year to mow the average lawn with a robotic lawn mower. Mother Nature can't help but smile at that!

The Robotic lawn mower is a proven technology, with over 5 years of in-home use world wide. There are many websites with all kinds of information and dealers who are very knowledgeable how robotic lawn mowers can benefit homeowners.

Kerry runs

<http://www.bamabots.com>

, a website dedicated to yard automation. Please email him at

sales [at] bamabots.com.



This Free E-Book has been brought to you by [Natural-Aging.com](http://Natural-Aging.com).

**[100% Effective Natural Hormone Treatment](#)**  
**Menopause, Andropause And Other Hormone Imbalances**  
**Impair Healthy Healing In People Over The Age Of 30!**