



Grass Roots

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Mid-season Review

For all of you that drag hoses to water your lawns, this has been your lucky year so far. Other than to water in one of our applications, there has been little to no need to add supplemental irrigation with the rains we have had. For those of you with irrigation systems, make sure that they are in working order; but you probably need not run them at this time. Try follow the recommendations of the good people at UNL. Walk on the lawn; and, if it springs back up and does not leave a footprint, there is no need for irrigation. If the need to water arises, make sure you water early in the day to give the lawn a chance to dry out. Fungus becomes a problem this time of year, and over-watering is a contributing factor.

We continue to stress mowing at 3.5 to 4 inches. There are benefits to your lawn. The grass plants develop a larger root system which improves drought tolerance and insect resistance because of the larger root mass. The higher the grass the greater the impact in terms of shading out weeds. Leave the clippings. Mowing regularly with a sharp blade should eliminate the need for "bagging."

If you missed a spring aeration, make sure you are on the schedule for fall. If your yard gets a lot of use, compaction can become a problem; and spring, as well as, fall aeration may be in order.

We welcome your questions, and we usually learn something in that exchange as well.



That is good for everyone. As always, thank you for allowing us to serve you.



Reminders

1. Schedule turf renovation or aeration & overseeding.
2. Schedule irrigation system review.
3. Apply disease & insect spray to trees and shrubs.



The design and installation process can take time. With that in mind, consult our "Now Planning" feature as a guideline to ensure your outdoor living space is ready for your needs throughout the year. This will give you an idea of when your project may start if you started planning today, depending on its scope and size. Now would be a great time to plan for fall football season. Hut-hut-hike!



We were treated to some beautiful, mild weather in June as well as some note-worthy heatwaves and heavy rains. These fluctuations can make establishing irrigation habits for our lawn difficult and they highlight the importance of Smart Irrigation. We often discuss the importance of irrigation practices, but the products we use make quite a difference as well.

CM's is committed to installing efficient irrigation systems, while being good stewards of our natural resources. Our approach to system design, installation, and management, as well as the products we use, specifically focuses on maintaining 100% coverage, water conservation, and automated monitoring of the system to quickly detect and address issues. CM's uses the following products to achieve this commitment:

Hydrawise Pro-HC Controller & Flow Meter

- Wi-Fi enabled for convenient system operation and management from anywhere using a web browser, Apple or Android app
- Proactively makes watering adjustments based on local weather data including predicted temperature, rainfall probability, wind speed and humidity to ensure maximum water savings and conservation
- Alerts the user of wiring or power issues within the valves and controllers, enabling faster detection and resolution
- Monitors the irrigation piping and heads to detect and notify users of unwanted water use, helping to prevent property damage

Wireless Rain-Clik Rain Sensor

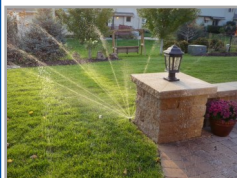
- Communicates directly with Hydrawise Pro-HC Controller to automatically turn system off when unexpected rainfall occurs



PGP Ultra Rotors 4" Rise & Pro Spray PRS40 head with MP Rotator Nozzles 6" Rise

- 6" rise to provide proper coverage for all turf types and blade heights
- Equipped with check valves to eliminate water runoff from heads at the low point of the property
- Pressure regulated stem installed to control pressure flow through MP nozzles, achieve optimal distribution and save water
- MP nozzles to provide automatic match precipitation rates in both rotor and spray heads and gradual, uniform irrigation for ideal absorption in all soil types

Remember [M.U.D.](#) is offering a rebate for residential or commercial M.U.D. water customers who install rain sensors for their existing lawn sprinkler system. By contacting CM's to install a rain sensor, **you can earn a \$50 credit toward your M.U.D. account**, but funds are limited. Rain sensors must be installed by a licensed sprinkler contractor. Visit mudomaha.com for detailed rebate information.



[Contact CM's](#) if you are interested in installing an irrigation system or if you would like to upgrade your controller and rain sensor or renovate your existing system.



Ask The Arborist

What can I do about Japanese Beetles?

We have already seen evidence of Japanese Beetles feeding on a variety of trees and shrubs. These insects are less than a half inch long and can be identified by their metallic green color with copper-colored wings. Like most pests, they are the most harmful to plants in a weakened state.

Moist conditions, even excessive rains, are advantageous conditions to keep the eggs and newly-hatched grubs from drying out. The beetles feed in groups, typically starting from the top of the plant and they are most active on warm days, preferring plants in direct sunlight. They are especially attracted to certain trees and plants, such as lindens, crab apples and roses, but they are far from picky eaters as they feed on over 300 species of plants. The beetles chew around the veins of the leaf, leaving it with a lacey or skeleton appearance. Severely damaged plants may have a scorched appearance.



Take note of the vibrant, metallic green body, with copper color wings of the Japanese Beetle.



Here we captured the Japanese Beetles attacking this Fine Line Buckthorn.

The beetles typically start to feed in early-mid July and continue to feed for 6-8 weeks. It is recommended that if your tree was severely defoliated last year, you should consider spray treatments this year to protect from further damage. Two or three consecutive years of severe defoliation (more than half of the tree's leaves drop early or are eaten) can lead to the tree's death, as the tree relies on its foliage for photosynthesis to take place.

Treatment options

- CM's can perform 2-3 insecticide spray applications to the trees affected.
- A word of **caution** regarding using traps. Research indicates that traps are more successful in attracting more beetles than actually trapping them.



Japanese Beetles leave behind leaves with a skeleton or lacey appearance. Some trees will even look scorched if they suffered enough damage.

Contact CM's to Treat Japanese Beetles



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