

**ADVANCED IRRIGATION PRESENTATION
APRIL ALL CHAPTERS**



Topics Covered Today

The purpose of this presentation is to educate all of our current or perspective customers about the general process of events from March 15th – June 1st.

We will be outlining the general plan for Spring, along with a rough timeframe for when each part of the process will occur.

In our world, everything depends on weather!

- Introduction
- Snow Clearing Cleanup
- Spring Walks
- Shrubs and Plantings
- Lawn Care
- Irrigation

About Us

Advanced Irrigation, Inc. is based in Buffalo, MN

Began in 2001, celebrating 25 years very soon

Maintain 75+ HOA properties across the Metro Area

We employ 100+ seasonal employees:

- Lawn Maintenance (8 crews)
- Irrigation Installation (3 crews)
- Irrigation Service (10 technicians)
- Landscaping (5 crews)
- Fertilizing (2 technicians)

Our office consists of 11 full-time employees



Snow Clearing Cleanup (March & April)

Once the snow season is complete for the year, contractors will perform site visits to assess cleanup needed from snow clearing. What are they looking for and what will they be doing?

- Removal of snow stakes and flags
- Placing rocks and mulch back in the proper place
- Collection of salt or salt/sand buckets and barrels (we will coordinate with the property manager asking to get a notice out to homeowners requesting the buckets be placed outside for pick up)
- Place larger pieces of sod back into place (depending on weather and time of season there is a good chance the sod will root back to the ground)
- Turf repair will be assessed



Spring Walks (May – June)

Best time of the season! We get together, as a team, and determine the best plan for the upcoming season. The goal is to assess the property and set clear expectations for all parties included.



These walks usually include:

- HOA Board Members
- Property Management Representative
- Contractor
- Quality Control Supervisor*
- Crew Foreman*

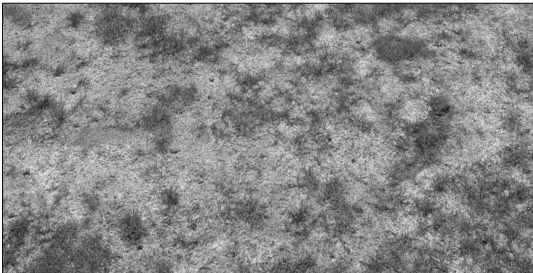
COMMUNICATE EVERYTHING



Spring Walks (May – June)

What is done during the spring walk?

- Inspection of all landscape beds and plants, shrubs, and trees
- Inspection of turf (fungus and mold)
- Inspect any snow clearing damage
- Discuss possible landscape enhancement projects
- Discuss areas of need for lawn mowing or additional treatments
- Discuss possible sprinkler issues or known issues and plan for resolution



Shrubs and Plantings (April – June)

Spring is a great time to assess your shrubs and plantings. With weather changing, and becoming warmer, we should start to see signs of life towards the end of April. All shrubs and plants react differently to the start of the season.



- Annual cutbacks will happen during the spring cleanup service. We may come out and perform this service prior to Spring cleanup (usually coordinated in close succession so plant debris does not remain for too long)



Shrubs and Plantings (April - June)

- Depending on the weather (as always) we may try and prune. We have to be very careful with this idea. If the shrubs have started to bud we will have to wait. This primarily applies to all deciduous shrubs.
- For coniferous type shrubs, Spring is the best time for most pruning, allowing the plant to focus on new growth once the weather warms. This can also be done in the late winter, but cannot be done with very low temps.



Shrubs and Plantings

Lilacs and Hydrangeas are the most asked about shrubs when we communicate with properties. These shrubs generally require extra attention.

Timing for these types are very crucial. We reached out to the University of Minnesota Extension, and we got these recommendations:

Lilacs - Like other spring blooming shrubs, lilacs develop flower buds for the next year after blooming during the current year. Lilacs should be deadheaded immediately after blooming to encourage good bud development and flowering the following spring.

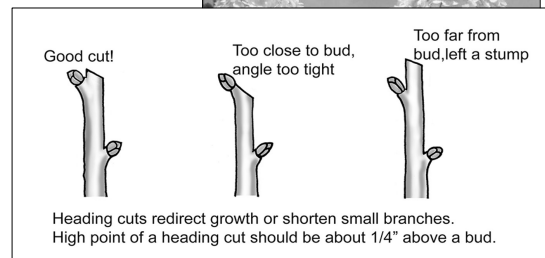
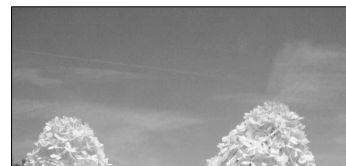


Shrubs and Plantings

Lilacs and Hydrangeas are the most asked about shrubs when we communicate with properties. These shrubs generally require extra attention.

Deadhead: Use a hand pruner to cut off dead flower heads down to a pair of leaves, or use a hedge trimmer for larger plantings. Shear lightly, taking off only the dead flower heads.

Hydrangeas - Prune back stems to just above a fat bud – called a heading cut – in fall, late winter, or spring. These plants have conical-shaped flower heads that provide nice winter interest in your landscape, so wait to prune these until late winter or spring.



Lawn Care (April – May)

We need to get a jump on turf for the season. There are some very important steps that need to take place to ensure the turf performs all summer.



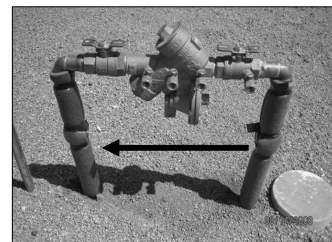
- Our mowers are equipped with tine racks that are set to ½” below grade (dethatching)
- Turf is cut at 2”-2.5” and bagged
- Backpack blowers and hand rakes will be used to cleanup turf, beds and curblines
- Removal of sticks and other seasonal debris
- The 1st round of fertilizer is a granular based fertilizer
 - Post and Pre-emergent is included
 - Goal to attack crab grass
 - Liquid treatment is spot based
 - The fight with crab grass does not end until September



Irrigation (April – June)

This is one of the most important things to ensure the turf is ready for the season. This is the general order of operations:

- Schedule city water turn on with corresponding city
- Install RPZs to prep for city employees to install meter (some cities charge)
- Spring Start-Ups will run 4/1 to 5/31
- We slowly pressurize the main line and check for leaks
- Check each zone individually, looking for heads out of adjustment, clogged nozzles, leaks, and broken heads
- Mark any damages with flags
- Program controller based on city watering restrictions, head types, soil type, slope, and sun/shade
- Check the rain sensor or any other add-on equipment



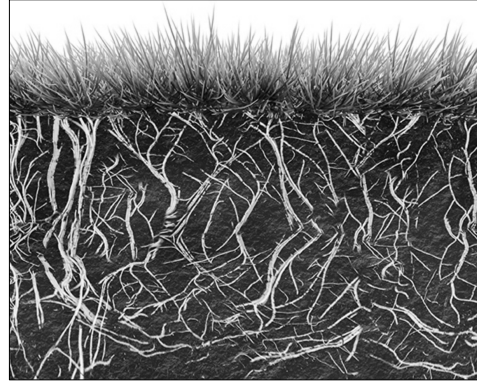
Irrigation (April – June)

After the Start-up we make any necessary repairs to the system.

- We may have to return another day to finish repairs (approval of invoice)

We may leave the controller off after we completed the start-up depending on time of the season and weather.

- Grass doesn't normally need sprinkler watering until June
- Over watering early in the Spring will lead to shallow root depths



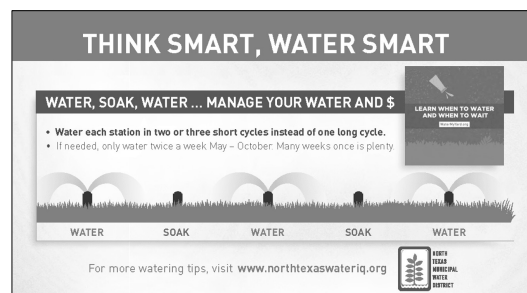
Irrigation (April – June)

We utilize cycle/soak programming whenever possible.

- Cycle/soak is the most efficient way to water
- Reducing runoff and watering deeper promoting deeper root growth
- A 40-minute zone run time, becomes four 10-minute run times

RPZ Test will be completed after Start-up.

- We have licensed testers
- Depending on the city, we have 10-90 days to complete





(612) 599-8675

Free Estimates

Spring Season – Irrigation and Turf



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