



Environmentally Sound Practices for



### Rich Soils in Sun

		.....Turfgrass Quality Expectations.....		
		Minimal	Average	High
Water	During first growing season after seeding or sodding	<ul style="list-style-type: none"> <li>▪ ½ inch per week of rain or water for normal summer weather.</li> <li>▪ 1 inch for high or prolonged heat.</li> <li>▪ If your footsteps show or if grass turns a blue-gray color, time to water the grass.</li> <li>▪ Supplemental watering may be needed during prolonged hot dry periods.</li> <li>▪ During first growing season after seeding or sodding</li> </ul>	<ul style="list-style-type: none"> <li>▪ ¾ inch per week of rain or water for normal summer weather. 1.5 inches of water for extreme or prolonged heat.</li> <li>▪ If your footsteps show or if grass turns a blue-gray color it is time to water the grass.</li> <li>▪ Supplemental watering may be needed during prolonged hot dry periods.</li> <li>▪ During first growing season after seeding or sodding</li> </ul>	
Conserve Water	None	<ul style="list-style-type: none"> <li>▪ Calibrate irrigation systems</li> <li>▪ Water slowly or at shorter intervals to aid water infiltration into soil. These soils are more prone to water runoff that can also carry pollutants.</li> <li>▪ Adjust sprinklers, do not let any water land on hard surfaces.</li> <li>▪ If footsteps show or if grass turns blue-gray color this indicates time to water.</li> </ul>		
Mower Height	3 inches	<ul style="list-style-type: none"> <li>▪ 2 - 3 inches, shorter when grass is growing fast.</li> <li>▪ Taller during hot summer. Use sharp blade</li> </ul>		
Clippings	.....Leave on lawn, sweep of street.....			
Fall Leaves	.....Mow. If dense cover (more than 50% leaves) then rake & compost.....			
Core aerate	None	<ul style="list-style-type: none"> <li>▪ Every few years, near Labor Day.</li> <li>▪ 20 – 40 holes per sq/ft*</li> </ul>	<ul style="list-style-type: none"> <li>▪ Once per year.</li> <li>▪ Labor Day 20 – 40 holes per sq/ft*</li> </ul>	
Seed type	.....Sunny mix of fine fescues, Kentucky bluegrasses, perennial ryegrasses.....			
Seeding time	Best time mid-August – mid September, next best time early spring. Avoid seeding mid-May - July			
Traffic Tolerance	Medium	.....High.....		



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Weed control	None.	<ul style="list-style-type: none"> <li>▪ Follow pesticide labels; they are the law.</li> <li>▪ Avoid use of weed/feed mixes the needs &amp; timing for weed control may be different from that of nutrients. This will help avoid herbicide injury to other nearby desirable plants</li> <li>▪ Optional: Fall broad leaf control (dandelions, trefoil, clover, plantain..), spot spray if possible.</li> <li>▪ Spring pre-emergent spot treatment for unwanted annual grasses like crab grass (around curb, driveways, trouble areas).</li> </ul>	<ul style="list-style-type: none"> <li>▪ Follow pesticide labels; they are the law.</li> <li>▪ Avoid use of weed/feed mixes the needs &amp; timing for weed control may be different from that of nutrients. This will help avoid herbicide injury to other nearby desirable plants</li> <li>▪ Fall spot treat for broad leaf control (dandelions, clover..)</li> <li>▪ Spring pre-emergent spot treatment for unwanted annual grasses like crab grass (around curb, driveways, trouble areas). The spring pre-emergent will have no effect on perennial plants.</li> <li>▪ Optional: remove perennial unwanted grasses such as quackgrass. These grasses blend in &amp; are not a big problem. Spot spray using a non-selective herbicide. It will kill all plants it comes in contact with. Spraying should be followed by resodding or reseedling.</li> </ul>	
Fertilizer tips	None	<ul style="list-style-type: none"> <li>▪ Calibrate equipment</li> <li>▪ Avoid application of quick release N in spring &amp; early summer</li> <li>▪ Granular: Use drop spreader or shield by edges, sweep up granules that fall on hard surfaces. Fill spreader on dry hard surface, spills can be swept up.</li> <li>▪ Liquid: fill on grassy area. Dilute spills on grass with a thorough watering.</li> <li>▪ Apply in cross pattern, ½ ↑ direction, ½ → direction</li> <li>▪ Law requires 0 Phosphorus (P)*</li> </ul>		
Correct Fertilizer	.....Take soil test, follow recommendations for fertilizer use.....			



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	Minimal	Average	High
Next Best Fertilizer	<p>½ - 1 pound of Nitrogen (N) per 1000 sq/ft on Labor Day</p> <p>Typically a N-P-K ratio of 4-0-2 or 4-0-3 is ok for MN</p>	<ul style="list-style-type: none"> <li>▪ Irrigated sites: 2 times. Near Labor Day 1 pound of Nitrogen (N) per 1000 sq/ft (35-50%slow release*) Near Halloween 1 pound of N per 1000 sq/ft (Quick release, watered in ¼ inch water), not on frozen soils*.</li> <li>▪ Non-irrigated sites: 1 time. Near Labor Day 1 pound of Nitrogen (N) per 1000 sq/ft (35-50%slow release*)</li> <li>▪ Typically an N-P-K ratio of 4-0-2 or 4-0-3 is ok for MN.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Best Choice: 3 times. First Mow ¾ pound of Nitrogen(N) per 1000 sq/ft (35-50%slow release*), Labor Day 1 pound of N per 1000 sq/ft (35-50%slow release*), Halloween (Quick release, watered in ¼ inch water) 1pounds of Nitrogen(N) per 1000 sq/ft)</li> <li>▪ Labor Day most important. Caution Halloween application, never apply to frozen soils*.</li> <li>▪ Typically an N-P-K ratio of 4-0-2 or 4-0-3 is ok for MN.</li> </ul>

\* - for more information see DETAIL PAGE