



Sandy Soils in Sun



Turfgrass Quality Expectations..... Minimal	
	Average	High
Water	During first growing season after seeding or sodding	<ul style="list-style-type: none"> ▪ ½ inch per week water or rainfall for normal weather. 1 inch/week (prolonged heat) including rainfall ▪ Water in split applications to reduce leaching. ▪ During first growing season after seeding or sodding ▪ If footsteps show or if grass turns a blue-gray color, it is time to water
Conserve Water	None	<ul style="list-style-type: none"> ▪ Calibrate irrigation systems ▪ 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. ▪ Adjust sprinklers, do not let any water land on hard surfaces. ▪ Grass does not need to be the dark green to be healthy. If footsteps show or if grass turns a blue-gray color this indicates time to water
Mower Height3+ inches with sharp blade.....	<ul style="list-style-type: none"> ▪ 2-3 inches with sharp blade. ▪ 3 inches during hot summer, ▪ 2 inches early spring gradually up to 3 inches for hot summer, 2.5 inches for fall
ClippingsLeave on lawn, sweep off street.....	
Fall LeavesMow. If dense cover (more than 50% leaves) then rake & compost.....	
Core Aerate	None	<ul style="list-style-type: none"> ▪ Once every few years, in fall. 20 – 40 holes per sq/ft*
Seed TypeSunny mix of fine fescues & Kentucky bluegrasses.....	
Seeding Time	<ul style="list-style-type: none"> ▪ Best time mid-August – mid September, next best time early spring. ▪ Avoid seeding mid May - July 	
Traffic Tolerance	MediumHigh.....



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Weed control	None	<ul style="list-style-type: none"> ▪ Avoid use of weed/feed mixes, the needs & timing for weed control may be different from nutrients. This will reduce herbicide injury to nearby desirable plants ▪ Optional: Spot treat for fall broad leaf control (dandelion, trefoil, clover, plantain..) ▪ Optional: Spring pre-emergent spot treatment for unwanted annual grasses like crab grass
Weed control		<ul style="list-style-type: none"> ▪ Avoid use of weed/feed mixes as the needs & timing for weed control may be different from nutrients. This will reduce herbicide injury to nearby desirable plants ▪ Fall spot treat for broad leaf control. ▪ Spring pre-emergent spot treatment for unwanted annual grasses like crab grass (around curb, driveways, trouble areas).
Fertilizer tips	None	<ul style="list-style-type: none"> ▪ Calibrate equipment. ▪ Avoid application of quick-release N during the spring & early summer ▪ Granular: Use drop spreader or shield by edges, sweep granules that fall on hard surfaces. Fill spreader on dry hard surface, spills can be swept up. ▪ Liquid: fill on grassy area. Dilute spills on grass with a thorough watering. ▪ Apply in cross pattern, ½ ↑ direction, ½ → direction ▪ Law requires 0 Phosphorus (P)*
Correct FertilizerTake soil test, follow recommendations for fertilizer use.....	
Next Best Fertilizer	<p>½ - 1 pound 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"> ▪ Typically a N-P-K ratio of 4-0-2 or 4-0-3 is ok for MN. ▪ Irrigated sites: Labor Day 1 pound of Nitrogen (N) per 1000 sq/ft (35-50%slow release*). If grass is pale consider second application on Halloween 1 pound of N per 1000 sq/ft (quick release, watered in ¼ inch water) ▪ Non-irrigated sites: Labor Day 1 pound of Nitrogen (N) per 1000 sq/ft (35-50%slow release*). ▪ Do not over apply N on sandy soils*
		<ul style="list-style-type: none"> ▪ Typically a N-P-K ratio of 4-0-2 or 4-0-3 is ok for MN. ▪ Start with 2 pounds of N per year for each 1000 sq/ft & monitor results. If grass maintains a medium to dark green color & is actively growing then more N is not needed. ▪ 1 pound of N per 1000 sq/ft Labor day (35-50%slow release*) ▪ 1 pound of N per 1000 sq/ft Halloween (Quick release, watered in ¼ inch water) ▪ Optional: Only if needed: 3 x per year ▪ ¾ pound of N per 1000 sq/ft first mow (35-50% slow release*), 1 pounds of N per 1000 sq/ft Labor day (35-50%slow release*), 1pound of N per 1000 sq/ft Halloween (Quick release, watered in ¼ inch water) ▪ Don't over apply N on sandy soils*