



## H BAR H TURF FARMS

### Watering

Serving the Texas Panhandle at Amarillo and Idalou!

Watering depends upon the turfgrass variety, climate conditions, soil absorption rate and the heat intensity. Watering is not hard, but some understanding helps. If you apply only a little water every few days, you will moisten the soil only  $\frac{1}{4}$  to 1 inch deep, and that's where the roots will be inclined to grow. However, if you water deeply and less often, the roots will grow several inches deep, and they'll stay moist for a longer period of time thus establishing a lawn that is deeply rooted and more inclined to be drought tolerant. If you water correctly, as a rule you can water less often.

#### When do I water?

Wait until you see first signs of stress in your lawn before you water. If footprints remain in the turf, the blades are too limp to spring back. Also, a grayish cast to the lawn indicates that it is dry and needs water. Ideally, watering should be done as early as possible in the cool of the day (6am to 10 am).

**NOTE:** Do water your lawn during the winter months especially if the weather is dry or before a hard freeze.

#### How long do I water?

This will vary depending on the type of sprinklers used and water pressure. Setting uniform containers throughout your lawn and then running your sprinklers for 30 minutes will allow you to determine your water output.

Apply the water only as fast as the soil can absorb it.

Soil Type	Infiltration Per Hour	Time Required for 1" to Soak in
Sand	2"	0.5 hours
Sandy Loam	1"	1 hours
Loam	0.5"	2 hours
Silt Loam	0.4"	2.25 hours
Clay Loam	0.3"	3.3 hours
Clay	0.2"	5 hours

Do not let water pool on your lawn or run off as this is a waste of water and will not benefit your lawn.

## How much water does my turfgrass need?

Turf Type	Spring March-April	Summer June-August	Autumn Sept.-Nov.	Winter Dec.-Feb.
Frontier Fescue	1.5"-2"	2"-3"	1.5"-2"	1"
Triple Crown Bluegrass	1.5"-2"	2"-3"	1.5"-2"	1"
Hybrid Bermudagrass	1"-2"	1"-2"	1.5"-2"	0.5"
Prarie Buffalograss	1"	1"	1"	0.5"

Any rainfall must be considered as part of the inches of water for the week. Thunderstorms that produce a lot of rain in a short period of time is seldom captured in its entirety by your lawn.

**NOTE:** Every lawn is different so there is no set rule for watering your lawn or landscape. You may find it necessary to modify the above to meet your individual needs. The Key to remember is that you must keep adequate moisture in the root zone so that the plant remains healthy. Environmental conditions, wind, exposure, and rainfall will all effect your estimates.