

Basic Fertilizer Recommendations for Home Lawns (Greg Grant, 2023)

1. Almost all soil tests will show low in N, low to medium in P, and low to medium in K, depending on how much they've fertilized in the past. The longer their history of fertilizing, the higher the P and K will be.
2. The standard application rate for 3:1:2 lawn fertilizers is 7 pounds per thousand square feet.
3. **Fertilizing:** Use a 3:1:2 ratio lawn fertilizer (not "weed and feed") such as 15-5-10, 21-7-14, etc. Premium/professional lawn fertilizers (such as Rozell Sprayers 18-6-12 and 28-3-12) are even better as they have both slow release and quick release nitrogen for a more even and longer lasting feeding.
 - Centipede: Fertilize once a year in spring (mid-April)
 - St. Augustine and zoysia: Fertilize twice a year, in spring and fall (October)
 - Bermuda: Fertilize three times a year, in spring, summer, and fall.
4. **Liming:** Basic rule of thumb...if pH is between 5-6 apply 25 pounds of pelletized lime per thousand square feet. If it's below 5.0 apply 50 pounds per thousand square feet. Otherwise, don't lime.
5. These are very basic recommendations that can be applied to all soil test and lawn fertilizer questions. For exact recommendations have them put their numbers into the fertilizer calculator at soiltesting.tamu.edu and always provide them a copy of Lawn Fertilization for Warm Season Grasses from aggieturf.com
6. The one exception to this rule is someone that has fertilized so much in the past that both P and K or high. In that case they'd just use 21-0-0 and apply 5 pounds per thousand square feet.
7. ALL fertilizers should be watered in after applying or applied before a rain event.
8. It is perfectly acceptable to grow a lawn without fertilizing or to use compost only or an organic fertilizer low in N.