



**Back to Your Roots Soil  
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## **Mixing Tips for the GSR**

1. Use clean mixing equipment, water and sprayer tank.
2. Ensure your water has a pH of less than 7.5. The closer to neutral the better. If pH of the water is high, try using cider vinegar, or household vinegar to reduce the pH. Avoid water sources with excess minerals as this can cause complications with mixing.
3. Make a slurry with the calcium in a smaller container before adding to the sprayer tank. Ensure the product is dissolved completely. Warm water does make mixing easier, but is not necessary.
4. After mixing the calcium into your sprayer, mix in sugar. Manufacturer's recommendations are to add 200 grams (1/2 pound) per acre. More can be added for sandier soils.
5. Once the product is mixed, ensure it is agitated until applied.
6. Do not tank mix with herbicides.
7. The GSR products need to be applied in a manner that ensures direct soil contact. Ground spray with nozzles that provide complete area coverage are most effective. Calcium is not recommended for foliar spray.
8. As with any tank mixing, always jar test other products with the GSR Calcium before mixing into your sprayer.

9. Avoid use with humates, or carbon-based products.

Application rates:

1. The manufacturer recommended rates are 45 grams of the product mixed into a minimum of 10 gallons per acre of clean water. More water can be used.
2. Always consult a profession crop consultant for dierections for specific crop varieties or excess/deficient mineral values on your soil tests