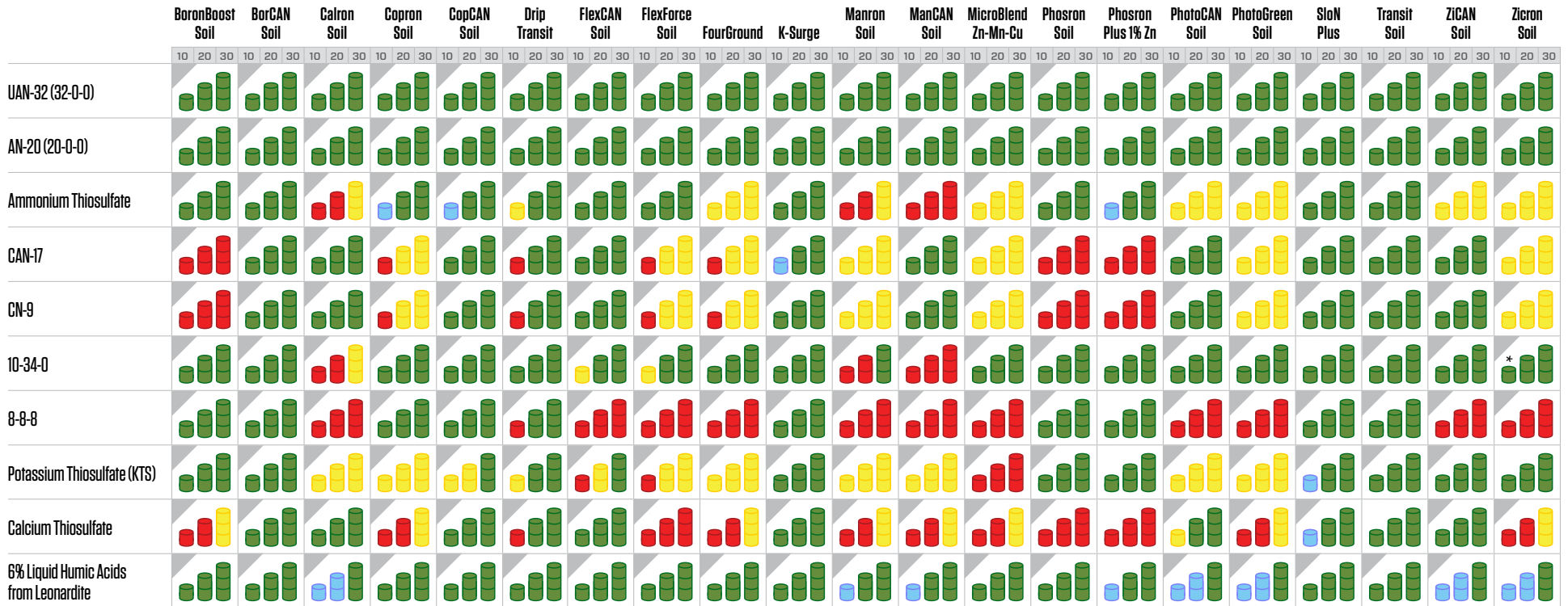


COMPATIBILITY CHART

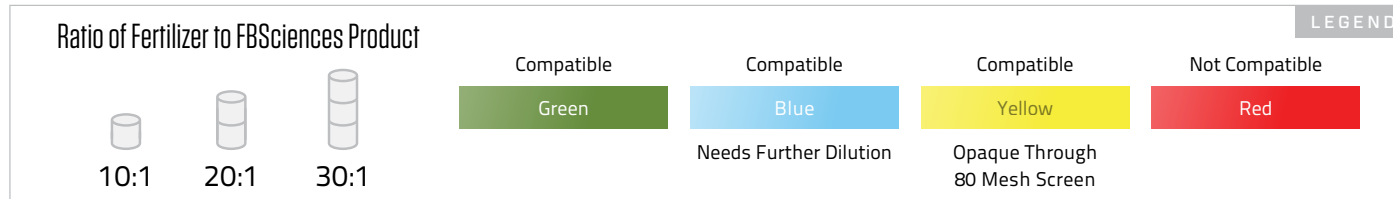
SOIL APPLIED PRODUCTS MIXED WITH OTHER FERTILIZERS



Click on a mix above to see a video demonstration. New videos added weekly.



View chart & mixing demonstrations online



For information about mixing orders & best practices please see next page.

*Mix goes clear after 15 minutes

2022 PRODUCT COMPATIBILITY GUIDELINES



FBSciences formulates products with both the crop and our customer in mind. Our products are inspired by nature and designed to be easy to use. Therefore, all FBSciences technologies and products are compatible with each other as well as with a very wide range of other fertilizer and crop protection products.

PLEASE FOLLOW THESE FEW SIMPLE POINTS FOR OPTIMAL COMPATIBILITY

FBS Transit Products

Transit Soil®, Transit Foliar®, and Drip Transit® are compatible with all fertilizers and crop protection chemicals regardless of pH or Calcium content. They are also compatible with all FBSciences nutrient products.

Nitrogen fertilizers like UN-32, for example, are compatible with all FBS Transit® products and FBSciences nutrient products. FBSciences foliar nutrient products are also compatible with most crop protection chemicals. Ensure the final tank mix pH is in the right range for the crop protection chemicals and in the right compatibility range. It is always wise to perform a standard jar test to double check compatibility on a small scale before going out to the field just to be sure.

Phosphorus Products

Phosron® Foliar and all fertilizers containing Phosphates or Phosphites can easily be made compatible with each of our other foliar and soil products by adding a liquid solution of 40% citric acid. The mixing sequence is important.

- **FOLIAR APPLIED PRODUCTS** Add the calcium and/or metal containing products first, then the water. Finally, add Phosron Foliar (or other Phosphate or Phosphite product) last. Add a liquid citric solution (like FBS Harmony™ acidifier) until the tank mix becomes fully clarified. In most cases the ideal pH will end up between 4.5 and 5.0.
- **SOIL APPLIED PRODUCTS** Add Zicron® Soil (and/or any FBSciences soil nutrient products) to the tank. Then add the Phosphate fertilizer. Finally, add the liquid citric acid solution until the tank mix turns clear. Normally this happens when the pH reaches about 2.0.

Note: If the ratio of Phosphate fertilizer and Zicron Soil (or other FBSciences soil nutrient product) is 30:1 or greater, it is likely that no liquid citric solution will be required.

Fertilizers Containing Calcium

FBSciences Calron® Soil, CellMate® Foliar, and BounceBack® Foliar, as well as CAN-17 or CN-9, are compatible with Zicron Soil and Zicron® Foliar (and all of the other FBSciences metal containing products) as long as the product goes out to the field the same day as it is mixed. If not, a little bit of agitation can help the tiny bit of gypsum that forms get re-suspended long enough to be applied. The mixing sequence is important.

- **FOLIAR APPLIED PRODUCTS** Add the Zicron Foliar (and/or other FBSciences metal containing products) first, then the water. Finally, add the other Calcium foliar products last.
- **SOIL APPLIED PRODUCTS** Add the Zicron Soil (and/or other FBSciences metal containing product) first, then add the water. Finally, add Calron Soil (or other Calcium soil products) last.

Saturated Fertilizers

Some fertilizers like Potassium Thiosulfate (KTS) or 10-34-0 are so saturated that there is no free water left. All FBSciences products are nearly saturated solutions. Compatibility can be greatly improved by adding water at 10% of the total mix volume to soil applied tank mixes with FBSciences nutrient products and these saturated fertilizer solutions.