

COMPATIBILITY CHART

FBSCIENCES SOIL APPLIED PRODUCTS



	BoronBoost Soil	BorCAN Soil	Calron Soil	CopCAN Soil	Copron Soil	Drip Transit	FlexCAN Soil	FlexForce Soil	FourGround	K-Surge	Manron Soil	ManCAN Soil	MicroBlend Zn-Mn-Cu	Phosron Soil*	Phosron Soil + 1% Zn*	PhotoCAN Soil	PhotoGreen Soil	SlON Plus	Transit Soil	ZiCAN Soil	Zicron Soil
BoronBoost Soil	Green	Green	Green	Red	Red	Green	Red	Red	Red	Green	Blue	Green	Green	Green	Green	Red	Red	Green	Green	Yellow	Green
BorCAN Soil	Green	Green	Green	Red	Red	Green	Red	Red	Red	Green	Blue	Green	Red	Green	Green	Red	Red	Green	Green	Green	Blue
Calron Soil	Green	Green	Green	Green	Yellow	Green	Green	Red	Yellow	Blue	Yellow	Green	Red	Red	Red	Green	Red	Green	Green	Green	Red
CopCAN Soil	Red	Red	Green	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
Copron Soil	Red	Red	Yellow	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Drip Transit	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
FlexCAN Soil	Red	Red	Green	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
FlexForce Soil	Red	Red	Red	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
FourGround	Red	Red	Yellow	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green
K-Surge	Green	Green	Blue	Red	Red	Green	Red	Red	Red	Green	Red	Green	Red	Green	Green	Red	Red	Green	Green	Green	Red
Manron Soil	Blue	Blue	Yellow	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
ManCAN Soil	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
MicroBlend Zn-Mn-Cu	Green	Red	Red	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Red	Green	Green	Red	Green	Green	Green
Phosron Soil*	Green	Green	Red	Red	Green	Green	Red	Red	Green	Green	Red	Red	Red	Green	Green	Red	Red	Green	Green	Green	Green
Phosron Soil + 1% Zn*	Green	Green	Red	Red	Green	Green	Red	Red	Green	Green	Red	Red	Red	Green	Green	Red	Red	Green	Green	Green	Green
PhotoCAN Soil	Red	Red	Green	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
PhotoGreen Soil	Red	Red	Red	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
SlON Plus	Green	Green	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Green
Transit Soil	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ZiCAN Soil	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Zicron Soil	Green	Blue	Red	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

Ratio of Product
*unless otherwise noted

LEGEND

- Compatible
- Compatible Needs Further Dilution
- Compatible Opaque Through 80 Mesh Screen
- Jar Test Required

1:1

Each mix done at a 1:1 ratio unless otherwise noted.
*Phosron Soil and Phosron Soil + 1% Zn were mixed at a 10:1 ratio.
This chart is representative of a worst case scenario, under other ratios or with the addition of a macro nutrient the mix could become compatible. Jar test advised.

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

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.