

 Products used at labeled rates are tank mix compatible when used that day. Adding Pivot Bio PROVEN[®] 40 or Pivot Bio RETURN[®] to the blend when filling the planter is always preferred.

 Products used at labeled rates can be tank mixed when the time between mixing and planting is four hours or less. Adding Pivot Bio PROVEN[®] 40 or Pivot Bio RETURN[®] to the blend when filling the planter is always preferred.

 These products are deleterious to microbial survivability and are not recommended for tank mix use.

TANK MIX COMPATIBILITIES

Pivot Bio PROVEN[®] 40 and Pivot Bio RETURN[®] must be applied within 24 hours once opened. *(See exceptions below.)**

Starter Fertilizers

 **For Use Within 24-Hours After Mixing**

Low Salt Starters:
3-18-18
6-24-6
9-18-9

 ***Mix and Plant Within Four Hours**

10-34-0

 **DO NOT USE These in Your Liquid In-Furrow Blend:**

7-21-7
32% or 28% UAN
12-0-0-26 ATS

Products not labeled for in-furrow use.

Nutrition Additives

 **Use Within Four Hours**

** Best to apply micronutrients in combination with 2x2 blend and avoid application in the seed trench. Many micronutrients can be applied safely when water is the carrier but can become problematic when mixed with some starter fertilizers. If used in-furrow, apply within 4 hours.*

5
B
Boron
10.81
2-8-18-2

Boron

27
Co
Cobalt
58.933
2-8-18-2

Cobalt

29
Cu
Copper
63.546
2-8-18-1

Copper

26
Fe
Iron
55.845
2-8-18-2

Iron

12
Mg
Magnesium
24.305
2-8-2

Magnesium

25
Mn
Manganese
54.938044
2-8-18-2

Manganese

42
Mo
Molybdenum
95.95
2-8-18-10-1

Molybdenum

16
S
Sulfur
32.06
2-8-6

Sulfur

30
Zn
Zinc
65.38
2-8-18-2

Zinc

Growth Promotors

 **Hormones and Humic Acid**

Typically, these products are in very low concentrations in the complete starter blend and are compatible with Pivot Bio PROVEN[®] 40 and Pivot Bio RETURN[®].

Fungicides and Insecticides

 When label instructions are followed and water is the carrier, these are generally compatible with Pivot Bio PROVEN[®] 40 and Pivot Bio RETURN[®]. Some fungicides can be detrimental to Pivot Bio microbes when applied in combination with starter fertilizers.

Water

 As a best practice, when drawing water as a sole carrier or component of bulk starter, use a **non-chlorinated source** such as well water.

17
Cl
Chlorine
35.45
2-8-7

If a chlorinated source is used, the use of a chlorine remediation product designed for microbial safety in agriculture is recommended.

Before adding Pivot Bio PROVEN[®] 40 or Pivot Bio RETURN[®] to a carrier, it is important to determine the proper batch size and the time you will need to complete planting. Pivot Bio PROVEN[®] 40 or Pivot Bio RETURN[®] should be used within 24 hours of the container being opened. [Please use our batch calculator](#) to help you with your calculations. Microbial survivability can be improved by keeping them in a dedicated tank to direct inject into the starter stream.

While Pivot Bio uses reasonable efforts to ensure that the information contained herein is accurate and up to date, Pivot Bio makes no warranties or representations as to the accuracy of any of the information. Pivot Bio reserves the right to make changes, corrections and/or improvements to the information, and to the products and processes described in such information, at any time without notice.

**Please contact your
Pivot Bio Representative
with questions.**