

When to use a Starter Program...

- ✓ No-till
- ✓ Early Planting
- ✓ Light Timber Soils
- ✓ Low Phosphorus Testing Soils
- ✓ Sandy Soils

Talk with your Ceres Solutions Representative to find out which program is best for you!



Can you see the difference?

The goals of using a starter include:

- ✓ Nutritional benefit for early growth
- ✓ Getting zinc closer to the seed
- ✓ Dryer corn at harvest
- ✓ Early nutrition to V5

Using starters are the most efficient way to deliver zinc and sulfur to your crops.



Starter Programs



Ceres Solutions Starters

19-17-0

10-34-0

JumpStart 8-18-4

Agronomic Fit and Use Rates

- ✓ Higher N rate starter
- ✓ Provides N and P for early season growth
- ✓ Ideal starter for 2x2 placement
- ✓ Preferred starter for no-till, fields that are side-dressed or where ammonia is applied pre-plant
- ✓ Provides 2#N per gallon

- ✓ Rate and Placement
 - ✓ Rate/acre: 10 to 15 gallon
 - ✓ Ideal for 2x2 placement

Recommended Nutritional Supplements

Agrisolutions Citri-Che Zinc 10%
@ 1 to 2 qt/A
(EDTA/citric acid chelate)

Agrisolutions Ultra-Che Zinc 9% @ 1.5 to 2 pt/A
(EDTA chelate)

Ultra-Che Corn Mix EDTA @ 1 to 2 qt/A
(5.5%Zn, 1.5%Mn, 0.4% Cu)

Ascend @ 5 to 6 oz/A

Ammonium Thiosulfate – 2 gal/A
(12-0-0-26S)

Agronomic Fit and Use Rates

- ✓ Traditional N and P starter
- ✓ Provides N and P for early season growth
- ✓ Relatively low salt product that can be used as a “pop-up” or 2x2
- ✓ Preferred starter for low P testing soils

- ✓ Rate and Placement
 - ✓ Pop-up Rate/acre: 3 to 5 gallon
 - ✓ 2x2 Rate/acre: 10 to 15 gallon

Recommended Nutritional Supplements

Agrisolutions Citri-Che Zinc 10%
@ 1 to 2 qt/A
(EDTA/citric acid chelate)

Agrisolutions Ultra-Che Zinc 9%
@ 1.5 to 2 pt/A
(EDTA chelate)

Ultra-Che Corn Mix EDTA @ 1 to 2 qt/A
(5.5%Zn, 1.5%Mn, 0.4% Cu)

Ascend @ 5 to 6 oz/A

Ammonium Thiosulfate – 2 gal/A (2x2 only)
(12-0-0-26S)

Agronomic Fit and Use Rates

- ✓ Complete low salt starter for in-furrow seed placement
 - ✓ Provides N, P and K for early season growth
- ✓ Low-salt index – safer to germinating corn seed
- ✓ Highly water soluble nutrients

- ✓ Rate and Placement
 - ✓ Rate/acre: 3 to 5 gallon
 - ✓ Ideal for seed placement in no-till and planter's equipped for seed-placed starter

Recommended Nutritional Supplements

Agrisolutions Ultra-Che Zinc 9%
@ 1.5 to 2 pt/A
(EDTA chelate)

Ultra-Che Corn Mix EDTA @ 1 to 2 qt/A
(5.5%Zn, 1.5%Mn, 0.4% Cu)

Ascend @ 5 to 6 oz/A

ATS not recommended with seed