



## QUESTIONS & ANSWERS

### Q. What benefits does Zypro™ provide the grower?

A. Zypro provides greater yield potential by releasing nutrients from soil particles and increasing native microbial numbers. In three years of testing, Zypro has shown an average yield increase of 8.6 bu/acre\* in corn over starter fertilizer alone and a 5% or greater yield increase in other labeled crops with greater than 77% consistency year over year. \*Data 2013-2017 - 3rd party data

### Q. On which crops can Zypro be used?

A. Zypro is available for row crops including corn, soy, cotton, peanuts, pulse crops, sugarbeets, cereals and specialty crops including vegetables, trees, nuts and vines. See the product label for specific use rates.

### Q. What is Zypro?

A. Zypro is a phospholipase enzymes solution stabilized by VersaShield® Formulation Technology and causes a chemical reaction in the soil. These chemical reactions create compounds that release the bound nutrients off soil particles and boost the natural activity of native microbial populations which results in a positive plant benefit.

### Q. How quickly does Zypro start working?

A. Zypro starts working right away once in the soil providing reactions for up to 60 days after the application.

### Q. What is VersaShield Formulation Technology?

A. VersaShield Formulation Technology is an optimized enzyme delivery system for production agriculture. This technology platform produces and delivers stabilized enzymes for use in soil. Enzymes that are not stabilized by Versashield Formulation Technology would normally not last as long in the harsh soil environment.

### Q. How does VersaShield Formulation Technology stabilize enzymes?

A. VersaShield Formulation Technology provides an anchoring system for the phospholipase enzymes that covalently bonds to a protein core and protects it from degradation in the soil.

### Q. Will Zypro bring an advantage to every field?

A. Zypro has demonstrated yield benefits with greater than 77% win rates over 3 years and has been tested in 17 states. The benefits of Zypro have been shown over market standards across varied seed stocks, soil types and in furrow fertilizer practices.

### Q. Do I need fertilizer if I use Zypro?

A. Yes – Zypro does not replace a grower's standard fertility program. Zypro increases nutrient availability without replacing or altering the timing of current fertilizer practices. Zypro has proven yield benefits on top of and alongside current fertilizer practices.



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## QUESTIONS & ANSWERS cont...

### Q. How should Zypro be applied?

A. Zypro may be applied in a variety of application methods, as indicated by the label. The most common application will be applied in-furrow or injected through drip irrigation. Zypro rapidly moves through the soil, and the use of sufficient carrier volume will ensure that the product moves to the root zone, resulting in optimal performance. Zypro has optimal effects when applied early in plant development on annual crops.

### Q. What are the rates Zypro should be applied?

A. **Recommended Rates: 8 fl oz/acre for row crops** (corn, cotton, cereals, peanuts, soybeans, pulse crops, sorghum, sugarbeets, and sunflowers). Use a minimum of 2.5 gallons of water and/or fertilizer as the carrier per acre.

**20 fl oz/acre for all other crops.** Product can be applied through irrigation, on the surface, or through in-furrow methods. For specialty crops planted from seed, apply prior to or at seeding. For specialty crops grown from transplant, apply at transplantation. For perennial specialty crops, apply during times of vigorous growth in early season. For trees, nuts and vines, apply up to twice per year during the growing season. One application prior to bloom, and one application after harvest is optimal.

### Q. What is the shelf life and handling requirements of Zypro?

A. Zypro should be used within 2 years of the manufactured date on the container (two season shelf life). Zypro needs to be stored at temperatures between 33°F-100°F. If product is stored below 32°F, thoroughly thaw before use. Limit exposure to high temperatures and sunlight for an extended time period.

### Q. Is Zypro compatible with fertilizers and other soil applied products?

A. Zypro is compatible with most commonly used fertilizers with a pH range greater than 5. Zypro is also compatible with commonly used in-furrow treatments, including insecticides, fungicides, micronutrients and biostimulants. However, since it is not possible to test all potential mixtures, the user should pre-test to insure the physical compatibility of the proposed mixture. To determine physical compatibility of Zypro, a jar test is recommended.

### Q. How will Zypro perform in drip lines, spray lines, etc?

A. Zypro has been tested in a variety of application methods and is flowable in drip and spray lines. Zypro may be applied alone or in combination with fertilizers for application through irrigation systems at rates recommended on the label, provided a jar test has been completed.



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