US1340D

Features and Benefits

- The analysis of **US1340D** is 13-40-0-7S-1Zn that is agronomically sound for corn, wheat, soybeans and most other grain crop applications.
- **US1340D** is a dry homogenous blend of nitrogen, phosphorous, sulfur and zinc. Recently, Universities in the Midwest are seeing crop response to sulfur and zinc applications.
- **US1340D** offers a balanced nutrient blend applied simultaneously with phosphorous applications without the hassle of needing extra bin space and additional blending.
- Each particle of **US1340D** contains the same ratio of N, P, S and ZN. This gives the crop a greater chance of root interaction with the nutrients.
- With a pH of 4.0, **US1340D** is comparable to MAP in solubility. Zinc is also available to the plant in this pH range.
- **US1340D** can be blended with urea and potash and can be applied similar to other forms of dry phosphate fertilizers.
- The sulfur and zinc in **US1340D** are in the sulfate form which is readily available to the crop.
- **US1340D** is consistent in size and quality and is suitable for use through grain drills and other dry placement equipment.
- Nitrogen is in the ammonium form that is available to the young plant allowing for a fast start.

Use and Recommendations

- **US1340D** is formulated for use on corn, wheat, soybeans and most other crops requiring phosphorous nutrition.
- Use rates will vary depending on the specific crop and nutritional needs. Use soil test result recommendations for proper nutrient rates.
- **US1340D** can be applied prior to planting in the fall or early spring.
- **US1340D** can be blended with urea and potash and applied similar to other forms of dry phosphates.
- Application can be made through traditional application equipment including grain drills.

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Specification and Positioning Sheet

Analysis – 13-40-0-7S-1Zn
N Source – 50% AMS, 50% NH3
Sulfur Source – 100% Sulfate Sulfur
Zinc Source – 100% Sulfate Zinc

SGN = 260 – 300 Bulk Density = 55-60 lbs/ft^3

US1340D is a homogenous blend of N,P,S and Zn. Recently, Universities in the Midwest have started to see crop response to sulfur and zinc applications. The addition of sulfur and zinc has not been a common practice on many acres because historically Universities have not recommended it and there has not been a way of delivering the nutrients in an efficient manor.

US1340D now offers both of these nutrients to be applied simultaneous with phosphorous applications without the hassle of needing extra bin space and additional blending.

Distribution is an important agronomic benefit of US1340D. With each granule of fertilizer containing the same ratio of N,P, S and Zn there is a much greater chance of the plant root coming into contact with the nutrients. Other dry sulfur and zinc sources that are blended and then spread through traditional equipment do not get the proper distribution in the field to see a crop response.

US1340D can be blended with urea and potash and applied similar to other forms of dry phosphate. US1340D is consistent in quality and size suitable to run through drills and other dry application equipment.

US1340D has an approximate pH of 4.0 and is comparable to MAP in solubility. Zinc is also more available to the plant in this pH range.

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