



There are many advantages to using Wolf Trax® DDP Nutrients in your dry fertilizer blend:

- Blending procedures are similar to those used to blend typical granular nutrients.
- Less product is required per batch.
- You achieve a very consistent distribution of DDP Nutrient throughout the fertilizer blend.

Best Use Practices for Applying Wolf Trax DDP Nutrients in a Volumetric Blender

Volumetric blenders are commonly used to apply Wolf Trax DDP nutrients to dry fertilizer, and are simple to use, once the system is calibrated. The following outlines some key guidelines to ensure success, and also provides answers to commonly asked questions.

Blending Instructions:

- 1) Determine the nutrient needs per acre based on Soil Test Recommendations and the DDP Rate Recommendations.
- 2) Determine the amount of macronutrient needed based on your total batch size, and acres to be covered.
- 3) It is very important to ensure the correct amount of DDP product is added. DO NOT mix in more than 1% of the total blend weight.
- 4) Minor bin modifications are required to deliver a powder product into a volumetric blender. Calibrate your DDP product based on a bulk density of 53 pounds per cubic foot or .80 kg/liter.
- 5) The DDP bin MUST be located at the end of the fertilizer stream, so that it will coat all other products in the blend.
- 6) A four-inch double-flighted auger is needed in the micronutrient bin.
- 7) Five to seven feet between where the macronutrient enters the horizontal cross auger and the point at which the blend gets elevated is needed to adequately coat the blend.

Best Use Practices and Helpful Hints

- A bin vibrator may be necessary to prevent the macronutrient from “bridging”.
- Most granular micronutrient bins can be easily modified to allow for a powder application. Ranco® has an upgrade kit available to convert your existing granular micronutrient bin to one that can feed the DDP product (retail value approximately \$850). Four-inch double-flighted auger bins are also available.
- If dust is a concern, a slight amount of liquid fertilizer (one quart/ton) or a light spray oil (chemigation oil) can be added with the DDP product in the scoop of fertilizer. (This is already a common practice in fertilizer warehouses when dealing with dusty granular products).

Commonly Asked Questions

Can I use my existing Micronutrient bin?

Yes, however, some modifications are usually required. If your micronutrient bins have a six-inch auger, they do not run slow enough to accurately apply DDP products. There are several simple solutions available either off the shelf, or for on-site modifications. Talk to your Compass Minerals representative for more information.

Can I add DDP nutrients to another product and have it carried into the blend auger?

This is possible, however, care must be taken when calibrating the DDP rate. You must also ensure that there is an adequate amount of granular fertilizer product available so that all the DDP product is adhering to a fertilizer granule, and not left on its own. If excess DDP product is not adhered to a granule, dust problems may develop.

Will the DDP products “bridge” or “hang up” in the micronutrient bin?

DDP products can bridge depending on the hopper shape. If this occurs, the simple addition of a bin vibrator will solve any bridging issues. Ensure the bin vibrator only operates when the feeder is dispensing product.

How does humidity affect the flow of DDP nutrients?

There should be minimal, if any, effect of humidity on the flow of the macronutrients.

Where do DDP products need to be introduced in the sequence of products?

DDP products should be introduced to the horizontal blend auger last, so that it will coat all other products in the blend.

For more information on the Wolf Trax family of Innovative Nutrients, contact your Compass Minerals Representative, call 855-237-9653, or visit us at www.wolftrax.com.

You and Wolf Trax....Growing Forward® together.