



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 micronutrients
- Less micronutrient is required per batch
- There is less packaging to dispose of
- There is less product to inventory
- You achieve a very consistent distribution of micronutrient throughout the fertilizer blend

Best Use Practices for Applying DDP Nutrients in a Tower Blender

Tower blenders can be used to apply Wolf Trax® DDP Nutrients to dry fertilizer, however, some modification or delivery system must be used to effectively get the micronutrient up to, and into the elevated blender tub. The following outlines some key guidelines to ensure success, and also provides answers to commonly asked questions when using DDP Nutrients.

Blending Instructions:

- 1) Determine the micronutrient needs per acre based on Soil Test Recommendations and DDP Rate Recommendations.
- 2) Determine the amount of micronutrient needed based on your total batch size, and acres to be covered.
- 3) It is very important to ensure the correct amount of DDP is added. DO NOT mix in more than 1% of the total blend weight.
- 4) A system for elevating the DDP Nutrient, and inserting it into the blender tub is needed. Wolf Trax has developed a pressurized air system called the Microcharger to help elevate DDP products into your blender from ground level.
- 5) Fill the blender 2/3 to 3/4 full with granular N, P and K products. Add the required amount of DDP Nutrient, and then add the remaining granular fertilizer.
- 6) Blend adequately for three to five minutes.

Best Use Practices and Helpful Hints

- Hand scoops (usually used for weighing livestock feed), hanging scales, or table scales may be used for weighing out the micronutrient.
- The easiest way to elevate DDP Nutrient to your blender is through the use of air. Contact your blender manufacturer regarding the availability of this equipment, or ask Wolf Trax about the Microcharger system, developed to elevate DDP products into your blender tub from ground level.
- If using the Wolf Trax Microcharger, pressurize the system to 60 to 80 psi. Be careful as higher psi (over 80) can cause the DDP to compact.

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Commonly Asked Questions

Will I see a lot of dust using Wolf Trax DDP Nutrients?

Dry fertilizer always contains some dust. When you first add DDP you may notice a “blooming” as it searches for granules to attach itself to. DDP is designed so that it will not stick to itself, so once a granule is fully coated it seeks an uncoated granule to stick. During the blending process it will move around while it is unattached. This is normal and will only take a few seconds to dissipate. Typically you will not experience an increase in fertilizer dust due to the addition of DDP Nutrient. If the dry fertilizer is particularly dusty, the DDP will coat the fertilizer dust as well as the granules. Adding a small amount of liquid fertilizer (around one quart/ton) will address these issues.

Does the DDP Nutrient stick to the sides of the blender, or to the bucket of the loader?

If DDP is added directly to the blender or loader BEFORE the dry fertilizer, some of the DDP will stick to the sides. (This is not recommended.) Some fertilizer should always be in the blender before DDP is added. If granular fertilizer is present, it will attract the DDP better than the metal in the loader.

Do I need to increase my blend time?

If you are blending multiple macronutrient products you should not need to increase blend time much, if at all. DDP Nutrients disperse very rapidly through a blend of fertilizer. If you are coating a single macronutrient product, you should let the blender run as long as you would normally if you were blending multiple macronutrients.

Can I blend more than one DDP product? (E.g. Zinc and Manganese?)

Yes! They can be added in the same scoop of fertilizer, or separately. Remember you cannot exceed the 1% by weight coating concentration total for all DDP Nutrients.

How do the DDP's behave under humid conditions?

In most cases, humidity is not an issue with the DDP Nutrients. Excess humidity may affect Manganese DDP and Calcium DDP especially if they are applied only to soluble granular products such as Nitrogen. (If the dry fertilizer is already hygroscopic, the addition of Mn and Ca may accentuate the problem). Adding a small amount of Iron DDP or Zinc DDP to Manganese DDP or Calcium DDP is recommended under high humidity conditions. Iron DDP, Zinc DDP, and Copper DDP are not hygroscopic, and may in fact help to reduce hygroscopic tendencies of granular fertilizer products. Boron DDP has a neutral effect. Another solution would be the addition of Sipernat or a similar silica-based drying agent (commonly found at your local feed mill).

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

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