

Stop Additives from Diluting Mix in form-U-net

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Q. When an additive is used on 46% Urea, the blend shows an analysis of 45% Nitrogen. How can form-U-net be setup so the additive does not impact the fertilizer analysis?

A. In this case, adding any non-analysis item's weight to an item that is 46% Nitrogen dilutes the blend and changes the analysis to something less than 46% N. Primary nutrients are typically reported in whole numbers and rounded down for minimum guarantees, causing even minor quantities of additives to potentially drop the analysis nearly a whole percent. To force form-U-net to report this example as 46% N, follow these steps:

1. Navigate to *Items Information*, and edit the Additive item.
2. On the *Grade Info* tab, set the Additive item to be 46% N in the *Primary Nutrients* section and 46% Urea N in the *Nitrogen Detail* section.

The screenshot shows the 'Edit' form for an Additive item. The 'Grade Info' tab is selected. In the 'Primary Nutrients' section, the 'N' value is set to 46.0, highlighted with a red box. In the 'Nitrogen Detail' section, the 'Urea' value is set to 46.00, also highlighted with a red box. Other values include P: 0.0, K: 0.0, Chlorine: 0.00, Salt Index: 0, Ammon: 0.00, Nitrate: 0.00, OtherN: 0.00, WIN: 0.00, CoatedN: 0.00, and SlowN: 0.00. The form also includes sections for Secondary Nutrients, Minor Nutrients, and Non-Nutrient Metals, and buttons for Update and Cancel.

3. Save the changes, and run the blend again. With both items set to 46% N, no dilution will be calculated.