

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 form is divided into several sections:

- General Info:** Item Code* (ADDITIVE), Mix Name* (ADDITIVE), Account Number (empty), Description (Urea Additive).
- Grade Info:**
 - Primary Nutrients:** N (46.0), P (0.0), K (0.0). The N value is highlighted with a red box.
 - Other Grade Info:** Chlorine (0.00), Salt Index (0).
- Nitrogen Detail:** Ammon (0.00), Nitrate (0.00), Urea (46.00), OtherN (0.00), WIN (0.00), CoatedN (0.00), SlowN (0.00). The Urea value is highlighted with a red box.
- Secondary Nutrients:** (dropdown menu)
- Minor Nutrients:** (dropdown menu)
- Non-Nutrient Metals:** (dropdown menu)

At the bottom of the form are two buttons: 'Update' and 'Cancel'.

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