

Guaranteed Analysis Decimal Accuracy Setup

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Each Location set up in Agvance may determine the *Accuracy* and *Tolerance* for each nutrient when *Price by* is set to *Guaranteed Analysis*. This controls how the Guaranteed Analysis displays on the Consolidated Blend, Custom App, State Fertilizer Tag, and Invoice (when importing a Blend Ticket).

Setup

Setup the *Accuracy* and *Tolerance* on the *Print Prefs* tab at *Blending / Setup / Location Preferences*. These are set for each nutrient. When setting up this area, it is recommended to check with the state for specific accuracy and tolerances as each state may vary.

The Guaranteed Analysis is truncated based on the decimal *Accuracy* set. The following formula is used to calculate the result.

Calculated Guaranteed Analysis + Tolerance = Result truncated to defined Accuracy

Below are various examples for the accuracy to the whole number, to the tenth, and to the hundredth.

Whole Number

Scenario One

- **Calculated Guaranteed Analysis** - 4.4
- **Tolerance** - 0
- **Result** - $4.4 + 0 = 4.4$
 - 4.4 is truncated to 4

Scenario Two

- **Calculated Guaranteed Analysis** - 4.4
- **Tolerance** - .5
- **Result** - $4.4 + .5 = 4.9$
 - 4.9 is truncated to 4

Scenario Three

- **Calculated Guaranteed Analysis** - 4.5
- **Tolerance** - .5
- **Result** - $4.5 + .5 = 5.0$
 - 5.0 is truncated to 5

Tenths Number

Scenario One

- **Calculated Guaranteed Analysis** – 4.24
- **Tolerance** – 0
- **Result** – $4.24 + 0 = 4.24$
 - 4.24 is truncated to 4.2

Scenario Two

- **Calculated Guaranteed Analysis** – 4.24
- **Tolerance** – .05
- **Result** – $4.24 + .05 = 4.29$
 - 4.29 is truncated to 4.2

Scenario Three

- **Calculated Guaranteed Analysis** – 4.25
- **Tolerance** – .05
- **Result** – $4.25 + .05 = 4.30$
 - 4.30 is truncated to 4.3

Hundredths Number

Scenario One

- **Calculated Guaranteed Analysis** – 4.204
- **Tolerance** – 0
- **Result** – $4.204 + 0 = 4.204$
 - 4.204 is truncated to 4.20

Scenario Two

- **Calculated Guaranteed Analysis** – 4.204
- **Tolerance** – .005
- **Result** – $4.204 + .005 = 4.209$
 - 4.209 is truncated to 4.20

Scenario Three

- **Calculated Guaranteed Analysis** – 4.205
- **Tolerance** – .005

- **Result** - $4.205 + .005 = 4.210$
 - 4.210 is truncated to 4.21