

Guaranteed Analysis Decimal Accuracy Setup

Last Modified on 01/10/2023 9:59 am CST

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 *Blending / Setup / Location Preferences / Print Prefs* tab. 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 Accuracy

Scenario One

Calculated Guaranteed Analysis - 4.4

Tolerance - 0

Accuracy - Whole Numbers

Result - $4.4 + 0 = 4.4$; 4.4 is truncated to 4

Scenario Two

Calculated Guaranteed Analysis - 4.4

Tolerance - .5

Accuracy - Whole Numbers

Result - $4.4 + .5 = 4.9$; 4.9 is truncated to 4

Scenario Three

Calculated Guaranteed Analysis - 4.5

Tolerance - .5

Accuracy - Whole Numbers

Result - $4.5 + .5 = 5.0$; 5.0 is truncated to 5

Tenths Number Accuracy

Scenario One

Calculated Guaranteed Analysis - 4.24

Tolerance - 0

Accuracy - Tenths Numbers

Result - $4.24 + 0 = 4.24$; 4.24 is truncated to 4.2

Scenario Two

Calculated Guaranteed Analysis - 4.24

Tolerance - .05

Accuracy - Tenths Numbers

Result - $4.24 + .05 = 4.29$; 4.29 is truncated to 4.2

Scenario Three

Calculated Guaranteed Analysis - 4.25

Tolerance - .05

Accuracy - Tenths Numbers

Result - $4.25 + .05 = 4.30$; 4.30 is truncated to 4.3

Hundredths Number Accuracy

Scenario One

Calculated Guaranteed Analysis - 4.204

Tolerance - 0

Accuracy - Hundredths Numbers

Result - $4.204 + 0 = 4.204$; 4.204 is truncated to 4.20

Scenario Two

Calculated Guaranteed Analysis - 4.204

Tolerance - .005

Accuracy - Hundredths Numbers

Result - $4.204 + .005 = 4.209$; 4.209 is truncated to 4.20

Scenario Three

Calculated Guaranteed Analysis - 4.205

Tolerance - .005

Accuracy - Hundredths Numbers

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