

Test/Kernel Weight

Test weight is bulk density, or the weight of corn grain per unit of volume. This is expressed as lb/bushel (one bushel is 1.24 cubic ft.)

The standard test weight for corn is 56lb/bu, and this weight (not volume) is the standard unit for marketing corn grain

Corn yield is number of kernels per acre times weight per kernel at standard moisture (~13-15%) divided by 56 pounds per bushel

Yield monitors assume a nominal test weight, and are therefore inaccurate at measuring test weight differences within a field.



Corn Test Weight Sample Protocol

“Coffee can” method

Collect a composite sample from treated and untreated areas within the field.

Submit samples to local elevator to provide moisture and test weight analysis.

Submit labelled copy/image of scale ticket and to agronomy@sound.ag

