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62. © Using historic bushel weights to estimate seed quality. Tilley, D. J. and Ogle, D. Native Plants Journal 12(2):107-110. 2011.



Figure 1. Bushel equivalent scale at the Aberdeen Plant Materials Center. Photo by Derek J Tilley

Using historic bushel weights to estimate seed quality

Derek J Tilley and Dan Ogle

ABSTRACT

Tracking historic bushel weights of seedlots can be a useful tool to estimate seed quality during the seed-cleaning process. Seedlots not meeting expected bushel weights can be re-cleaned with higher air flow rates to remove lighter, unfilled seed, which will increase the percentage of viable seed in the lot. Here we present average bushel weights for more than 60 releases and sources of 38 species of native grasses, forbs, and shrubs from western North America.

Tilley DJ, Ogle D. 2011. Using historic bushel weights to estimate seed quality. *Native Plants Journal* 12(2):107–110.

KEY WORDS

germination, seed cleaning, seed processing

NOMENCLATURE

USDA NRCS (2010)