Measuring seed lot purity



What is seed lot purity?

Seed lot purity is a measure of the impurities in a seed batch. These include

- weed and other crop seed, and
- inert matter



How is seed lot purity measured?

- 1. Select at random a sample of the seed. A good sample size is 100g.
- 2. Weigh the sample (A).
- 3. Remove all of the weed and other crop seeds and the inert matter.
- 4. Weigh the weed and the other crop seed matter that had been removed (B)

Weight of the weed (B)

Weed (%) =

< 100 Total weight of the sample (A)

5. Compute the weed percentage using this equation:

6. Weigh the inert matter removed from the sample [C], the percentage inert matter is calculated using the formula:

Weight of inert matter [CI] x 10Q

Inert matter (%) =

Total weight of the sample [A]





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