



**Department of
Agriculture and Markets**

Feed and Fertilizer Sample Preparation

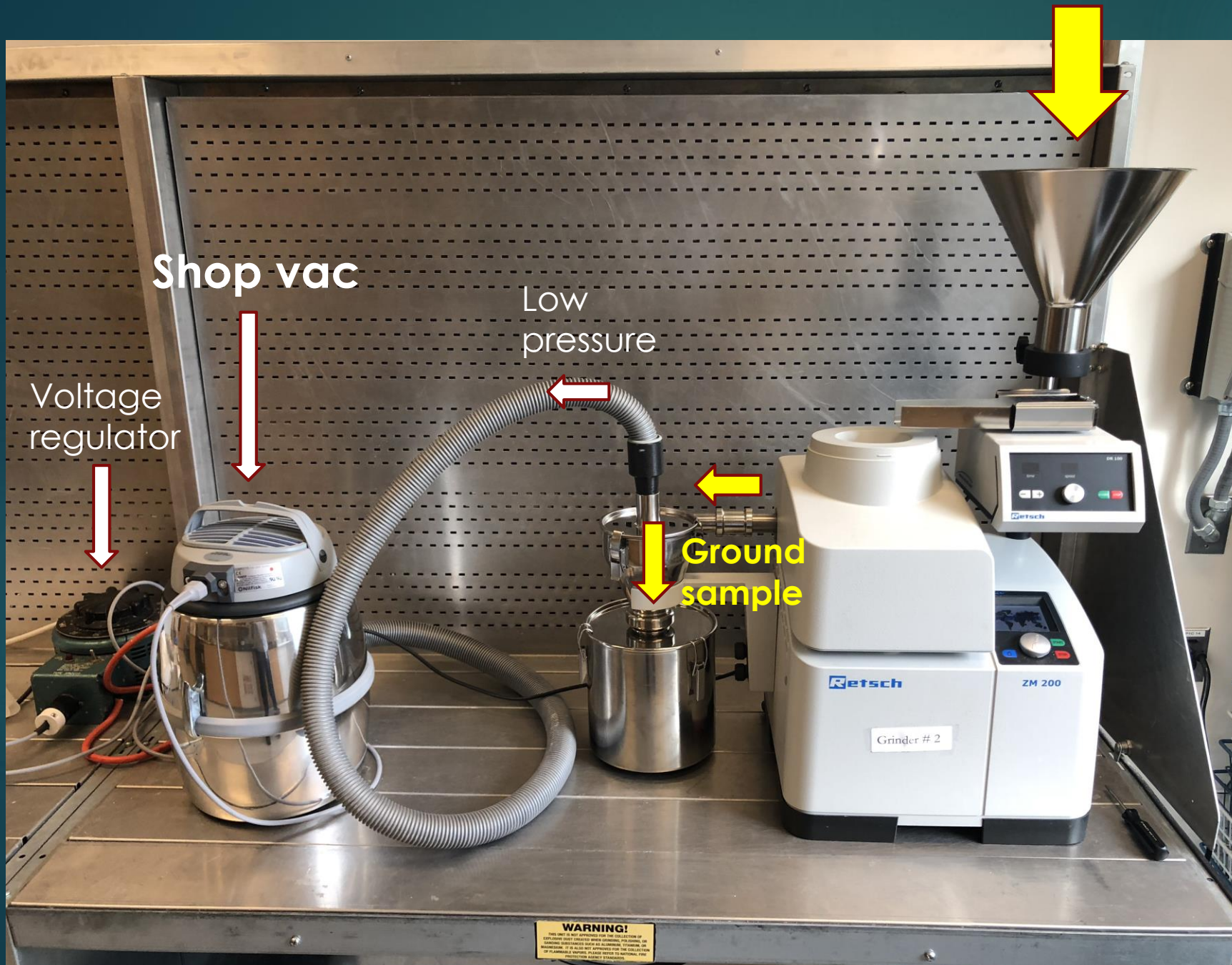
Recent changes to sample preparation procedure

- ▶ Eliminate the use of Jones Riffler
 - ▶ Rifflers segregate by size
 - ▶ Rust may have been contaminating sample
- ▶ Grind the entire sample
 - ▶ Increases the probability that all particles have an equal probability of being selected for analysis





New
accessories to
Retch grinding
mill allows for
continuous
grinding



Sample flow

**Voltage regulator
for control of the
vacuum**

**Necessary for preventing
less dense particles from
being sucked into vacuum**





Mill parts



Tray with outlet



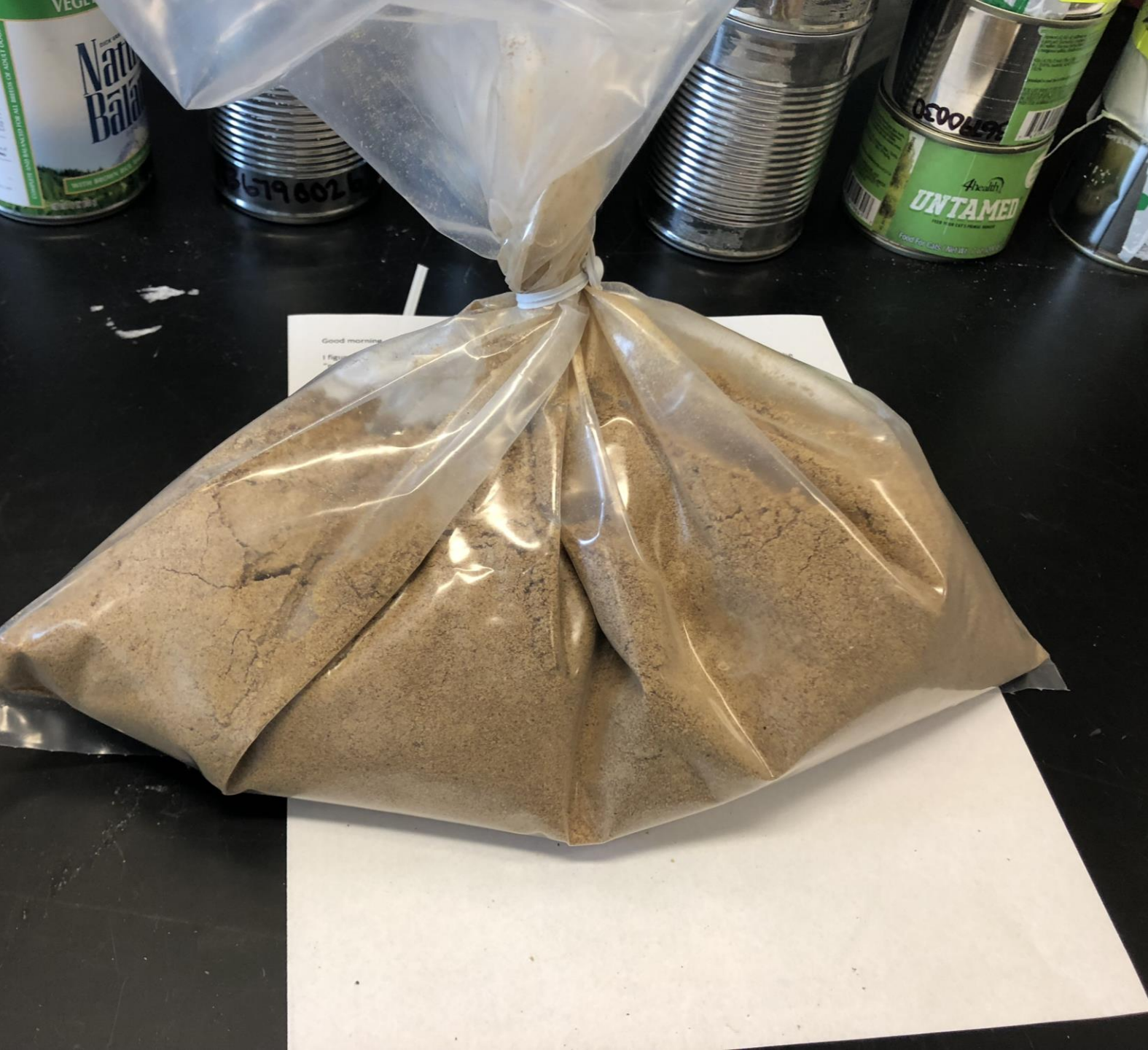
sieve



Sample
collection



WARNING!
THIS UNIT IS NOT APPROVED FOR THE COLLECTION OF
EXPLOSIVE DUST CREATED WHEN GRINDING, POLISHING, OR
SANDING SUBSTANCES SUCH AS ALUMINUM, TITANIUM, OR



Ground
sample



Questions ?

