

# How To: Germination Tests

Do you have old seeds that you can't bring yourself to throw away - but don't want to risk planting? Follow this guide to check whether your seeds still germinate!

## Materials:

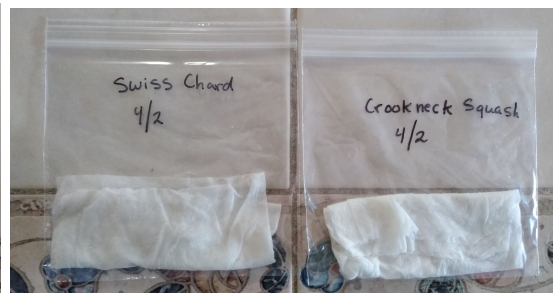
- Seeds
- Ziplock bag or tupperware
- Paper towel
- Water
- Marking pen

## Instructions:

1. Moisten the paper towel
2. Place at least ten seeds on the towel, and fold so that seeds are surrounded
3. Place in ziplock or tupperware
4. Label with seed variety and the date
5. Store in a warm location out of direct sunlight
6. Check seeds every 3 days for sprouts. Most seeds will germinate in 3-10 days.
7. Count your seeds as they sprout. Once 10 days have passed (unless working with a crop known to take longer to germinate), calculate the percentage of seeds that germinated:  $(\text{Healthy sprouts}/\text{Total seeds}) \times 100 = \% \text{ Germinated}$



Step 2



Step 3 and 4



Step 7 (80% germination rate shown here)