



spite of precautions, bits of tissue are produced, then try to exclude them when drawing the extract into a pipette.)

Gently roll a toothpick over the chopped tissue to expel the cell contents. If the rolling action is too forceful, then unwanted materials such as structural tissue will be extracted. Only in cases where virions are unusually difficult to extract—certain monocotyledonous hosts or phloem-specific viruses are good examples of difficult cases—would this precaution be ignored.