Protocol for Honeycrisp Sampling for the Passive Bitter Pit Prediction Model

1) Between **Wednesday August 19 and Friday August 21**, select 100 fruit representative from a block (growers who submitted peel samples in July should sample the same trees/area of the block now in August). Flag the area and/or row(s) and/or trees to be sampled in 2020 for future fruit samplings in 2021 and beyond.
   - Sampling more trees are better than less trees
   - No less than 10 trees/block
   - No more than 2-3 apples/tree
   - Use a couple of cardboard fruit boxes or a small wooden or plastic crate or lug

2) Label with farm name, block #, date picked/put in storage, contact name #, email

3) Take to a participating storage
   - **Wayne**
     - Pomona & Empire growers can take their fruit to Lake Country Storage
     - Other options: KM Davies (Williamson), Fowler Bros. (Wolcott), Cherry Lawn (Sodus)
   - **Orleans**
     - Lake Ontario Fruit, Inc
     - HH. Dobbins
   - **Niagara**
     - Niagara Fresh (Bucolo Cold Storage)
     - Sun Orchards

4) LOF will evaluate fruit after ~ 21 days at room temp (Sep 9-11)
5) Will send data to rest of panel for evaluation and comparison to peel sap results, before 1st pick, hopefully by September 15

**Questions?** Contact Mario (315-719-1318, mrm67@cornell.edu) or Craig (585-735-5448, cjk37@cornell.edu).