Fig. 1. The Tomato Analyzer application (Gonzalo et al. 2009) provides accurate and objective measurements of fruit shape in a high-throughput manner, as well as for traits that are nearly impossible to quantify manually. Descriptors of fruit morphology attributes: (A) morphometrics, (B) internal eccentricity, (C) obovoid and widest width position, (D) pericarp area, (E) lobedness degree, (F) pericarp and septum area, (G) placenta area, (H) distal end protrusion, (I) proximal end angle at 2%, (J) proximal end angle at 20%.
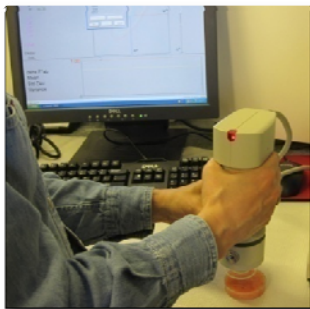
A.   B.   C.   D.

Fig. 2. Fruit quality assays. (A) lycopene assay using colorimeter, (B) plate reader for vitamin C assay, (C) digital refractometer, (D) automated titrator