Abstract:

Digital images have been used to a host of scientific and research fields in worldwide application. In Post-harvest agriculture, they can be got from X-ray equipments to produce high quality images for detection of internal disorders in mangoes. In this work, a group of digital images from mangoes cv. Tommy Atkins, stage physiologically mature, were obtained from an X ray-molybdenum target. After digital processing by filtering and pseudo colours technique, internal regions of the fruit can be discriminate in different level of radiological density. A group of digital images are presented when are demonstrated advantages of the method as a simple noninvasive quality control test for mangoes in packinghouses.