

Free competition is rapidly becoming widespread, in a globalizing world of trade between the sine qua non of quality, affordability and customer satisfaction as it can be said. Spread relentlessly in every area of competition, are becoming increasingly common in agriculture and agriculture-based automation industry. World-wide in our country are among the prominent sectors of agriculture and agro-based industrial sector, productivity, quality and automation in recent times for the studies are gaining speed. Per ton in terms of quality and efficiency of automation is very important for fruit processing and classification. Related to the production of quality fruits provided by the manufacturer or is to make all kinds of conditions. Despite this classification, and packaging captured the same technological level. The province of Isparta in Turkey in terms of apple production is located in the first place with a share of 19.78%. During the launch of the apples in the region, many classification machines used in cold storage. These machines are able to distinguish between fully automatic ones in terms of size and color in apples. Apple on the spots (natural stain, bruise, rust,) as the subject of detection is still a work continues to investigate. In this study, detection of stains and spots on the apples with the aim of the classification method of image processing using a variety of studies were conducted on apples.