

Abstract by Pieter Hogewerf - Radio frequency identification of animals, the quality of products in the field

In several parts of the world livestock animals (sheep, goats and cattle) are identified with radiofrequency identification (RFID) devices. These transponders can be read with handheld and stationary readers. The reading can be performed on the farm, during transport, in the sales yard and in the slaughterhouse. Especially when the RFID tags are read with a static reader the signal strength the transponders produce is very important (reading distance shall be sufficient if animal passes the reader). If the signal is insufficient it can result in misreads.