ABSTRACT

The process of transporting broiler chickens from farms to slaughterhouses in the city using open-air vehicles such as pick-ups or trucks carries risks to the birds, ranging from stress, weight loss, to mortality that the birds can experience. Apart from that, the smell emitted by transport vehicles also makes other road users and people in the area around the vehicle feel uncomfortable. There was previous research conducted by a group of researchers from IPB which discussed this problem with a breakthrough in the form of an M-CLOVE box on transport vehicles, unfortunately there are still shortcomings in this research. To collect data in this design, a qualitative method was used with a design method in the form of UCD. It was found that risks in the transportation process to poultry and the surrounding environment often occur, so the author created and developed a box for poultry transport vehicles using M-CLOVE. Of course, the box has several additional features to support and minimize risks to the birds and the surrounding environment during the transportation process.

Keywords: *Broiler chicken, transportation process, transport vehicle, M-CLOVE*