**Introduction**

Larvacides are commonly used in poultry feed to alter the moulting stage of houseflies (*Musca domestica*) which hatch on droppings, hence reducing the population of flies and smell nuisance in poultry houses. Cyromazine, an active ingredient in larvacides, has melamine as a metabolite which became a public health concern after the death of 9 infants and hospitalisation of 294,000 others after taking melamine tainted infant formula.

However, cyromazine is widely used to reduce smell from poultry litter and to increase nitrogen content which usually translates to higher weight gains in broilers without the knowledge of its residual effect on tissues of animals.

Residues of in-feed larvacide in broiler tissues was investigated.

**Results**

Melamine residue in meat (drumstick and thigh) were higher in the treated groups than the control group. Although, traces of melamine was found in the control group which might be from the raw ingredient used for compounding feed.

**Conclusion**

Residues of melamine was left in the tissues of broiler chickens even up to 28 days withdrawal period, which is higher than maximum allowable limit by WHO.

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