

THE IMAGE OF KIDNEY HISTOPATHOLOGY HYBRIDA DUCK CROSS  
FROM PECKING DUCK AND *KHAKHI CAMPBELL* INFLUENCE  
EFFECT OF DESINFEKTAN DIDECYL DIMETHYL  
AMMONIUM CHLORIDE

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**ABSTRACT**

This research was purposed to know image of histopathology kidney hibrida duck effect of giving didecyl dimethyl ammonium chloride desinfectant. This research used 20 samples consisting of 5 samples obtained before spraying desinfectants and 15 samples obtained after spraying desinfectant. Sample used in this research were the kidney of hibrida duck from farm district Mojoklprak, Jombang. Hibrida ducks divided to become 4 treatment that is P0, P1, P2, and P3. After 5 days of adaptation, sprayed ducks with desinfectant at dose 0,4%, 0,6% and 0,8% during 10 days. Data picture of histopathology kidney hibrida duck effect of giving didecyl dimethyl ammonium chloride desinfectant were analyzed with Kruskal Wallis and Mann Whitney test. This research showed there were significantly different ( $p < 0,05$ ) between groups either for histopathological changes of kidney. It was proved that P3 experience damage of most hard organ.

**Key word** : histopathology, kidney, didecyl dimethyl ammonium chloride, hibrida duck.