

Comparison of Punicic Acid Amounts in Abdominal Fat Farm Feeding Hy-Line Chickens

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Abstract : Effects of fatty acid composition and punicic acid contents of abdominal fat of Hy-line hens were investigated by the gas chromatographic method. Total 30 different fatty acids were determined in fatty acid compositions of eggs. These fatty acids were varied between C 8 to C 22. The punicic acid content of abdominal fats analysed was found to be higher percentages in the 90th day than those of 30th and 60th day. At the end of the experiment, total punicic acid contents of abdominal fats were significantly increased.

Keywords : fatty acids, gas chromatography, punicic acid, abdominal fats

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