

饲料中富含纤维的成分对鹅生长性能、血液特征、鹅肝品质及其脂肪酸特征的影响：一项荟萃分析

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摘要：采用Meta分析方法，研究了不同来源和水平的高纤维日粮对鹅生长性能、鹅肥肝品质及其脂肪酸组成的影响。同行评审的文章经过严格的评估，并根据实验动物实验系统评价(Systematic Review for Laboratory Animal Experimentation, SYRCLE)的规程进行选择。最终的数据集包括21项体内研究，涵盖83个处理单元。采用非线性混合模型(Non-linear mixed model, NLME)库进行Meta分析。根据数据的Meta分析结果，计算出料重比的二次曲线($P < 0.001$)。并给出了鹅肥肝品质的线性模型($P < 0.001$)。基于体内试验的荟萃分析得出结论，富含纤维的成分有效地改善了鹅肥肝的品质。

关键词：血液指标、体增重、膳食纤维、鹅、肝脏、实验动物实验系统评价法