

## **BAB 6. KESIMPULAN DAN SARAN**

### **6.1. Kesimpulan**

Hasil penelitian ini dapat disimpulkan bahwa substitusi butiran kering destilat (BKD) produk ikutan produksi bioetanol oleh ko-kultur *S. cerevisiae* dengan *C. tropicalis* dari sekam padi dalam formula pakan puyuh dapat mempengaruhi perubahan gas ammonia dalam kandang dan kadar air feses. Pemberian pakan puyuh dengan substitusi 10% BKD sekam padi dapat mengurangi kadar gas ammonia berbahaya dalam kandang unggas sebesar 3.505% dan kandungan air feses 10% lebih rendah. Substitusi butiran kering destilat (BKD) produk ikutan produksi bioetanol oleh ko-kultur *S. cerevisiae* dengan *C. tropicalis* dari sekam padi dalam formula pakan puyuh juga dapat mempengaruhi kandungan unsur karbon (C), nitrogen (N), kalsium (Ca) dan phosphor (P) pada feses puyuh. Substitusi 20% BKD sekam padi dalam formulasi pakan puyuh dapat meningkatkan penyerapan unsur fosfor (P) di usus. Substitusi 10% BKD sekam dalam formulasi pakan puyuh tidak mempengaruhi penyerapan karbon (C), meningkatkan penyerapan fosfor (P) tetapi menurunkan penyerapan nitrogen (N) dan sedikit kalsium (Ca).

### **6.2. Saran**

Berdasarkan kesimpulan dalam penelitian ini, untuk meningkatkan kesehatan lingkungan dan meningkatkan penyerapan nutrisi dalam usus puyuh disarankan menggunakan butiran kering destilat (BKD) dari sekam padi sebesar 10% yang disubstitusi dalam ransum puyuh yang sedang bertelur.

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