

# CASE STUDY

## SOUTH WEST REGION BROILER FARM

### BACKGROUND

The farm has around 170,000 birds per crop in numerous houses producing circa 1.2 million broilers p.a. All houses are heated with traditional heaters.

The farm has used Ekogea's BCxF on some previous crops and has gradually increased the number of BCx treated houses. As a result of the performance of the Farm overall, it is using BCxF for all houses and BCxS for sanitising houses between crops.

The farm was already a 'high performer' and BCx had provided further improvements when compared with other non-treated (control) houses.

### MOST RECENT RESULTS

This is the third whole crop that has been treated with BCxF. These figures relate to the most recent crop when 170,000 birds were treated.

### OBSERVATIONS AND CONCLUSIONS FOR THIS CROP

- **A combination of lower mortality, higher growth, reduced rejects, and improved FCR have contributed to a large increase in pence/m<sup>2</sup>/wk.**
- **This has increased the overall level of income for this crop alone by over £20,000 when compared with recent averages for this farm. This is a return of more than £5 for each £1 invested in Ekogea's BioComplex.**
- **Ekogea's target is to create £4 of added value for farmers for every £1 spent on BioComplex.**



### KEY METRICS USING BCxF

Average weight: **2.527g**

FCR: **1.589**

Average age: **38.56 days**

Mortality: **3.18%**

Rejects: **1.03%**

Pad mark: **14.65%**

Hockmark: **19.83%**

Salmonella (negative): **0**

EPEF: **399.13**

Cycle: **49 days**

Pence/m<sup>2</sup>/wk: **159.85**

Campylobacter: **negative at thinning for Campy**

Quote - Farmer

"Since using Ekogea's Biocomplex, bird health has improved and, with weight increases, lower mortality coupled with a much improved feed conversion rate, the financial gains have far outweighed the cost of the product"

