



Maintaining performance under conditions of heat stress

Product benefits under conditions of elevated ambient temperatures and humidity

- maintains feed intake
- supports growth rate and feed efficiency
- supports intestinal integrity
- ROI up to 4.5 : 1

Dosage recommendation

min. 400 g/MT (or 0.8 lb/t) of compound feed during the entire production period under conditions of elevated ambient temperatures



Effects of Biostrong® Comfort on broiler performance

Trial design:

Scientific trial with 576 broilers (6 pens/group, 32 birds/pen)

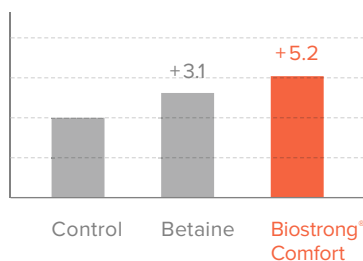
duration: 42 days

diets: corn, soy bean meal, wheat

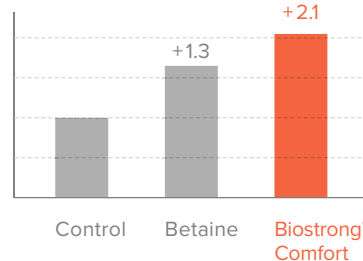
genetics: Ross 308

Cyclic heat stress (32°C for 8h per day) from day 22 onwards

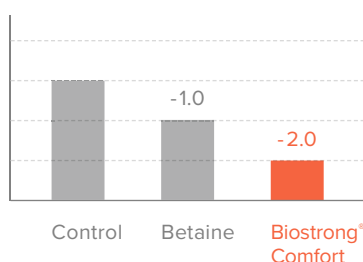
body weight (%)



daily feed intake (%)



FCR (%)



Phytogenic substances

Flavonoids

support antioxidant status and and cellular defense mechanisms.

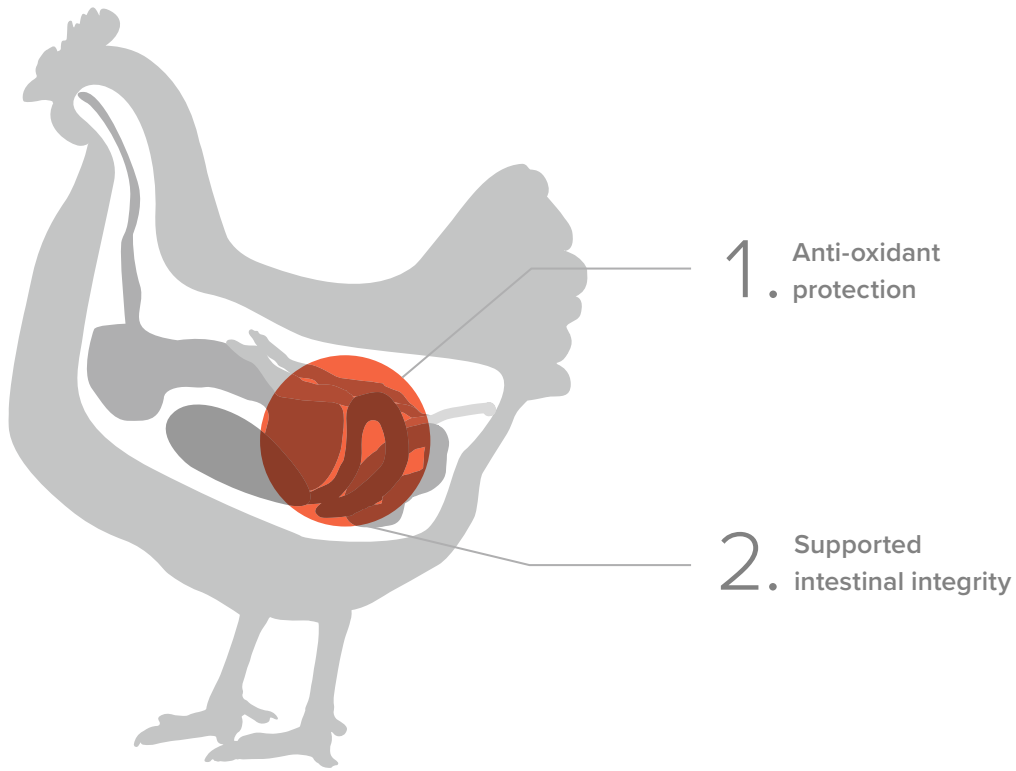
Essential oils

enhance the secretion of digestive juices and provide antioxidant properties.

Pungent substances

Activate metabolic processes and blood circulation, support detoxification, and enhance the secretion of digestive juices.

Requirements for optimum performance
under heat stress conditions

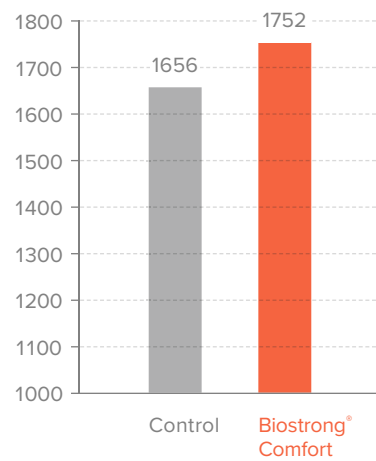


Biostrong® Comfort improves slaughter yield after heat stress

Heat stress trial:

cyclic (12 h at 35°C; 12 h at 24°C from d21–42 of age in climate chambers)
location: Univ. of Arkansas, US
diet: 3-Phase corn/soy-based diet
birds: 600 broilers (Cobb 500)
duration: 42 days
design: 4 reps, 25 birds each
source: P155

Carcass weight (g)



Breast meat yield (%)

