



Natural feed supplement improves performance

The active ingredients in Chemoforma's natural feed supplement Ascogen are purified RNA and purified nucleotides. The conditionally essential nutrients in Ascogen act as management tools to control the performance and general health of modern poultry production.

As one example, for the support of gut management the development of intestinal structures upon Ascogen was studied in day-old chicks (Table 1).

Birds fed Ascogen for 10 days showed an advance of four days in

the development of intestinal villi structures compared to control birds. This not only increases the active surface of the gastro-intestinal tract and the efficacy of intestinal enzymes but also supports the assembly and maintenance of the intestinal barrier to parasites and pathogens.

Both effects directly increase the performance and ameliorate the general health of poultry upon stress and most other adverse effects in modern poultry production.

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Table 1. Comparison of the development of intestinal structures in chicken fed Ascogen or a control diet.

Age	Ascogen	Control	Difference
Length of intestinal villi			
10 Days	170.62 ± 0.27	121.59 ± 0.27	+40.32%
14 Days	179.17 ± 0.10	170.03 ± 0.16	+5.37%
Circumference of intestinal villi			
10 Days	23.18 ± 3.65	15.62 ± 3.72	+48.39%
14 Days	24.88 ± 5.57	24.96 ± 5.10	0.00%