BACTOCELL®
Strengthening ecosystems

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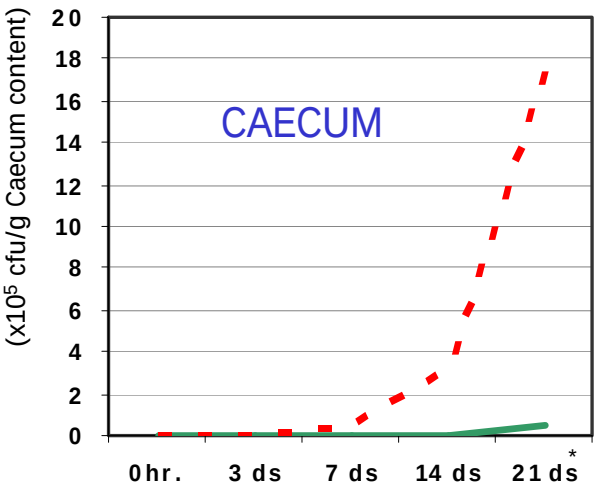
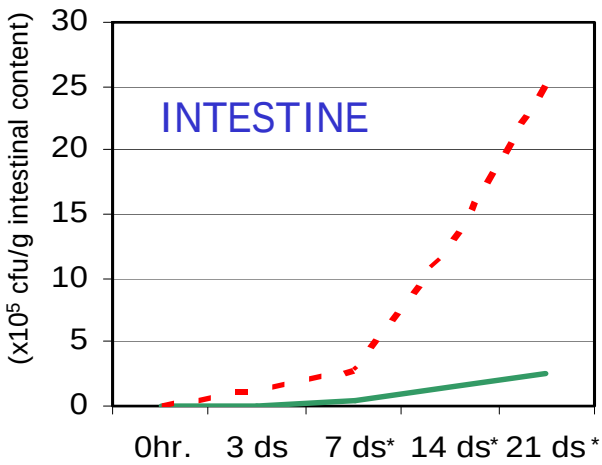
✓ **Animals :** 120 day-old broiler chicken, Hubbard breed, inoculated at day 2 with *Clostridium perfringens* (5.10^7 cfu / bird),

✓ **Treatments :** Control and Bactocell (from day 1 : 10^9 cfu of *Pediococcus acidilactici* /kg feed), each group = 3x20 birds , density 12/m^2,

✓ **Measurements :** intestinal and caecal development of *C. perfringens* during 3 weeks after inoculation.

Bactocell limits the colonization of *Clostridium perfringens* within the intestine and caecum in broilers





* p < 0.05

C. perfringens

C. Perfringens + Bactocell

C. perfringens intestinal measurement (x10⁵ cfu/g intestinal content)	0 h	3 d	7 d	14 d	21 d
C. perfringens	0	1,5	2,75*	12,5*	25 *
C. perfringens + Bactocell	0	0	0,5	1,5	2,5

C. perfringens Caecum measurement (x10⁵ cfu/g intestinal content)	0 h	3 d	7 d	14 d	21 d
C. perfringens	0	0	0,5	3	17,5
C. perfringens + Bactocell	0	0	0	0	0,5 *

* p < 0.05

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