

DyStop

Complementary feed for pigs

- Feed ingredients and additives listed in EU-regulation

- Flowable and mixable with feed

- Free of EDTA and chemical chelators

- Reduce mass antibiotic treatments

- Non environmental impact

- Without prescription

Naturally enhances
animal welfare

SAFEGUARDING PRODUCTION PARAMETERS

in the most critical moments
of pigs' growing phase

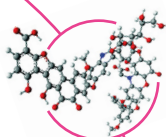


ALIVIRA

Dystop

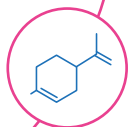
Complementary feed for pigs

Dystop is the latest development from Alivira, **aimed at functional, no-chemical, no-antibiotic** management of intestinal disorders in growing/fattening pigs.



COMBINATION OF POLIPHENOLIC BIOPOLYMERS¹

- Rich in polyphenols, electrolytes, flavonoids, essential aminoacids.
- Strong antioxidant.
- Detoxifier.
- Modulator of immune and inflammatory response.
- Affects cytokines release.



CITRUS EXTRACTS²

- Rich in glycosides (flavonoids), aldehydes and monoterpenes (limonene).
- Action against many pathogens, including *Brachyspira hyodysenteriae* (Swine dysentery).

BACTERIAL STRAIN	ORIGIN	NUMBER OF FIELD STRAINS	CITRUS EXTRACTS MIC in % /V/V
<i>Brachyspira hyodysenteriae</i>	Pigs	1	0.02
		2	0.01
		3	
		4	
		5	
		6	0.005
		7	
		8	0.01
		9	0.005
		10	

MIC RESULTS FROM IZSLER

Sez. Reggio Emilia with field strains (2021)³ All the concentrations tested showed bactericidal activity, since no further growth was noticed on Agar *Brachyspira* specific ground.

Instructions for use:

DYSTOP can be used at a rate from 1 to 2 kg/ton (1,5 kg/ton for 6-7 weeks, with a minimum of 4 weeks), alone or in rotation with antibiotics used to treat enteric disorders of growing pigs. It can be also used as intestinal conditioner 2-3 weeks before treatments, at 1 kg/ton.

Dystop, efficiently promoting intestinal welfare in growing and fattening pigs.

1. Stevenson, 1989; Trckova et al., 2005; Wang et al. 2017; Dekker and Medlen, 1999.

2. EFSA scientific opinion 23 June 2021; Alvarez-Ordóñez et al. 2013; De Nova et al., 2017.

3. Clinical and Laboratory Standards Institute, Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated From Animals—Third Edition: Approved Standard M31-A3, 2008 Wayne, PA, USA CLSI.