



Erratum

## Erratum: Rufino-Moya, P.J., et al. Methane Production of Fresh Sainfoin, with or without PEG, and Fresh Alfalfa at Different Stages of Maturity is Similar, but the Fermentation End Products Vary. *Animals* 2019, 9, 197

Pablo José Rufino-Moya , Mireia Blanco, Juan Ramón Bertolín and Margalida Joy \* 

Centro de Investigación y Tecnología Agroalimentaria de Aragón (CITA), Instituto Agroalimentario de Aragón-IA2 (CITA-Universidad de Zaragoza), Avda, Montañana 930, 50059 Zaragoza, Spain; pjufino@cita-aragon.es (P.J.R.-M.); mblanco@aragon.es (M.B.); jrbertolin@cita-aragon.es (J.R.B.)

\* Correspondence: mjoy@aragon.es; Tel.: +34-976-716-442

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The authors wish to make the following correction to their paper [1].

In Table 2, the production of methane in alfalfa at the start-flowering should be 38 mL/g dOM and not 3 mL/g dOM.

**Table 2.** Effect of the substrate (S) and the stage of maturity <sup>1</sup> (SM) on gas and methane production (CH<sub>4</sub>), potential gas production (A), rate of gas production (c), in vitro organic matter degradability (IVOMD), ammonia (NH<sub>3</sub>-N), and volatile fatty acids (VFAs).

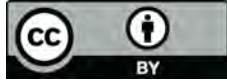
Item	Alfalfa			Sainfoin			Sainfoin+PEG			r.s.d. <sup>2</sup>	P-values		
	VEG	Start-F	End-F	VEG	Start-F	End-F	VEG	Start-F	End-F		S	SM	SxSM
pH	6.42 <sup>a</sup>	6.44 <sup>a</sup>	6.41 <sup>a</sup>	6.35 <sup>bx</sup>	6.32 <sup>by</sup>	6.33 <sup>by</sup>	6.37 <sup>bx</sup>	6.31 <sup>bz</sup>	6.34 <sup>by</sup>	0.032	< 0.001	0.002	0.01
Gas production (mL/g dOM <sup>3</sup> )	179	184	188	183	163	181	180	199	173	26.5	0.43	0.97	0.12
A (mL)	68 <sup>x</sup>	67 <sup>bxy</sup>	62 <sup>y</sup>	63 <sup>y</sup>	74 <sup>bx</sup>	70 <sup>x</sup>	65 <sup>y</sup>	78 <sup>ax</sup>	67 <sup>y</sup>	5.7	0.01	< 0.001	< 0.001
c (h <sup>-1</sup> )	0.2 <sup>a</sup>	0.22 <sup>a</sup>	0.19	0.14 <sup>by</sup>	0.16 <sup>bxy</sup>	0.19 <sup>y</sup>	0.15 <sup>bx</sup>	0.15 <sup>bx</sup>	0.19 <sup>y</sup>	0.037	< 0.001	0.02	0.05
CH <sub>4</sub> production (mL/g dOM <sup>3</sup> )	37	38	39	37	33	38	37	39	36	5.0	0.29	0.73	0.17
CH <sub>4</sub> :gas (%)	14.5	14.2	14.1	14.1 <sup>xy</sup>	13.4 <sup>y</sup>	14.8 <sup>x</sup>	14.5	14.4	14.4	0.88	0.35	0.13	0.11
IVOMD (%)	85.13 <sup>bx</sup>	83.73 <sup>bx</sup>	76.97 <sup>by</sup>	84.97 <sup>by</sup>	92.59 <sup>ax</sup>	85.58 <sup>ay</sup>	86.81 <sup>ay</sup>	93.59 <sup>ax</sup>	86.41 <sup>ay</sup>	1.692	< 0.001	< 0.001	< 0.001
NH <sub>3</sub> -N (mg/L)	240 <sup>a</sup>	247 <sup>a</sup>	210	206 <sup>b</sup>	184 <sup>b</sup>	201	242 <sup>a</sup>	234 <sup>a</sup>	215	31.7	< 0.001	0.06	0.20
Total VFAs (mmol/L)	102 <sup>xy</sup>	105 <sup>x</sup>	97 <sup>y</sup>	96 <sup>y</sup>	103 <sup>x</sup>	101 <sup>xy</sup>	99 <sup>y</sup>	105 <sup>x</sup>	102 <sup>xy</sup>	7.1	0.61	0.02	0.35
Acetic acid (C <sub>2</sub> ) (mol/100 mol)	63.1 <sup>cy</sup>	63.9 <sup>bx</sup>	64.0 <sup>bx</sup>	65.4 <sup>ay</sup>	66.5 <sup>ax</sup>	66.3 <sup>ax</sup>	63.9 <sup>by</sup>	64.6 <sup>bx</sup>	64.5 <sup>bx</sup>	0.76	< 0.001	< 0.001	0.95
Propionic acid (C <sub>3</sub> ) (mol/100 mol)	15.5 <sup>a</sup>	15.3 <sup>a</sup>	15.3 <sup>a</sup>	15 <sup>bx</sup>	14.5 <sup>cy</sup>	14.5 <sup>by</sup>	15.3 <sup>ax</sup>	14.9 <sup>by</sup>	15.2 <sup>ax</sup>	0.28	< 0.001	< 0.001	0.09
Butyric acid (mol/100 mol)	13.0 <sup>a</sup>	12.6 <sup>a</sup>	12.6 <sup>a</sup>	12.1 <sup>c</sup>	12.2 <sup>b</sup>	12 <sup>b</sup>	12.5 <sup>b</sup>	12.8 <sup>a</sup>	12.4 <sup>a</sup>	0.45	< 0.001	0.20	0.16
Iso-butyric acid (mol/100 mol)	1.97 <sup>ax</sup>	1.91 <sup>axy</sup>	1.87 <sup>ay</sup>	1.82 <sup>bx</sup>	1.68 <sup>by</sup>	1.72 <sup>by</sup>	1.97 <sup>ax</sup>	1.83 <sup>ay</sup>	1.84 <sup>ay</sup>	0.100	< 0.001	< 0.001	0.63
Valeric acid (mol/100 mol)	2.14 <sup>axy</sup>	2.09 <sup>ay</sup>	2.22 <sup>ax</sup>	1.87 <sup>bx</sup>	1.7 <sup>cy</sup>	1.83 <sup>cx</sup>	2.12 <sup>ay</sup>	1.95 <sup>bx</sup>	2.04 <sup>by</sup>	0.107	< 0.001	< 0.001	0.11
Iso-valeric acid (mol/100 mol)	4.27 <sup>ax</sup>	4.09 <sup>axy</sup>	4.04 <sup>ay</sup>	3.87 <sup>bx</sup>	3.5 <sup>by</sup>	3.65 <sup>by</sup>	4.19 <sup>ax</sup>	3.91 <sup>ay</sup>	3.93 <sup>ay</sup>	0.223	< 0.001	< 0.001	0.69
C <sub>2</sub> :C <sub>3</sub> (mol/mol)	4.1 <sup>cy</sup>	4.18 <sup>cxy</sup>	4.2 <sup>bx</sup>	4.39 <sup>ay</sup>	4.62 <sup>ax</sup>	4.59 <sup>ax</sup>	4.18 <sup>by</sup>	4.36 <sup>bx</sup>	4.25 <sup>by</sup>	0.109	< 0.001	< 0.001	0.13
CH <sub>4</sub> :VFA (mL/mol)	2.41	2.24 <sup>b</sup>	2.35	2.53	2.22 <sup>b</sup>	2.48	2.62	2.73 <sup>a</sup>	2.4	0.313	0.01	0.26	0.10

<sup>1</sup> VEG: vegetative; Start-F: start of flowering; End-F: end of flowering; <sup>2</sup> residual standard deviation; <sup>3</sup> degraded organic matter. Within a parameter, means with different superscript (a,b,c) differ at  $P < 0.05$  for the substrate effect in each stage of maturity; with different superscript (x,y,z) at  $P < 0.05$  for the stage of maturity effect in each substrate.

The authors would like to apologize for any inconvenience caused.

## Reference

1. Rufino-Moya, P.J.; Blanco, M.; Bertolín, J.R.; Joy, M. Methane Production of Fresh Sainfoin, with or without PEG, and Fresh Alfalfa at Different Stages of Maturity is Similar but the Fermentation End Products Vary. *Animals* **2019**, *9*, 197. [[CrossRef](#)] [[PubMed](#)]



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