

Correction

Correction: Khanipour et al. Ileal Digestible and Metabolizable Energy of Corn, Wheat, and Barley in Growing Japanese Quail. *Poultry* 2024, 3, 190–199

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There was an error in the original publication [1]. A correction has been made to Abstract, “The estimated AMEn values of corn, wheat, and barley were 3255, 2676, and 2281 kcal/kg, respectively”. The updated version should be as follows: “The estimated AMEn values of corn, wheat, and barley were 3483, 2903, and 2532 kcal/kg, respectively”.

In the original publication [1], there was a mistake in Tables 3 and 4 as published. The corrected Tables 3 and 4 appears below.

There was an error in the original publication in Section 3.2. The corrected Section 3.2 appears below.

The estimated IDE of corn, wheat, and barley in younger quails (15 to 21 d) were 2954, 3441, and 3194 kcal/kg, respectively, the corresponding values in older quails (22 to 28 d) were 2894, 3439, and 3260 kcal/kg, respectively (Table 3). According to the estimates (Table 4), the AME values of corn, wheat, and barley in younger quails (from 15 to 21 d) were 3340, 2899, and 2663 kcal/kg, respectively, while in older quails (from 22 to 28 d), the corresponding values were 3698, 3058, and 2757 kcal/kg, respectively. The AMEn values of corn, wheat, and barley in younger quails (from 15 to 21 d) were 3300, 2831, and 2506 kcal/kg, respectively, while in older quails (from 22 to 28 d), the corresponding values were 3665, 2976, and 2558 kcal/kg, respectively. Age significantly affects the Δ AME (AME – AMEn), where it increased from 88.6 to 105 kcal with advancing age.

Table 3. Ileal digestibility coefficients of dry matter (iDM), crude protein (iCP), and ileal digestible energy (IDE) at two age groups (I: 15–21 d; II: 22–28 d) of growing Japanese quail ¹.

Ingredient	Age	iDM (%)	iCP (%)	IDE (kcal/kg)
Corn	I	72.5 ^b	56.1 ^c	2954
Wheat	I	89.4 ^a	65.3 ^b	3441
Barley	I	85.1 ^a	69.0 ^b	3194
Corn	II	74.8 ^b	64.0 ^b	2894
Wheat	II	86.7 ^a	63.7 ^b	3439
Barley	II	84.0 ^a	83.2 ^a	3260
SEM		2.41	1.99	79.2



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Table 3. *Cont.*

Ingredient	Age	iDM (%)	iCP (%)	IDE (kcal/kg)
Ingredient				
	Corn	73.6	73.6 ^b	60.0 ^c
	Wheat	88.1	88.1 ^a	64.5 ^b
	Barley	84.6	84.6 ^a	76.1 ^a
	SEM	1.70	1.70	1.41
Age				
	I	82.3	82.3	63.5 ^b
	II	81.8	81.8	70.3 ^a
	SEM	1.39	1.39	1.15
<i>p</i> -value				
	Feed	<0.001	<0.001	<0.001
	Age	0.801	<0.001	0.983
	Feed × Age	0.575	0.003	0.733

Means in a column not sharing a common letter (a–c) are significantly different ($p < 0.05$). ¹ Each value is the mean of five replicate pens with 15 birds per pen.

Should be changed to (Bold indicates modified content)

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Ingredient				
	Corn	73.6	60.0 ^c	2924 ^c
	Wheat	88.1	64.5 ^b	3440 ^a
	Barley	84.6	76.1 ^a	3227 ^b
	SEM	1.70	1.41	56.0
Age				
	I	82.3	63.5 ^b	3196
	II	81.8	70.3 ^a	3198
	SEM	1.39	1.15	45.7
<i>p</i> -value				
	Feed	<0.001	<0.001	<0.001
	Age	0.801	<0.001	0.983
	Feed × Age	0.575	0.003	0.733

Means in a column not sharing a common letter (a–c) are significantly different ($p < 0.05$). ¹ Each value is the mean of five replicate pens with 15 birds per pen.

Table 4. Metabolizability coefficients of dry matter (mcDM), crude protein (mcCP), nitrogen retention (NR), and apparent metabolizable energy (AME), apparent metabolizable energy corrected for zero nitrogen retention (AMEn), and difference of the AME and AMEn (Δ AME = AME – AMEn) at two age groups (I: 15–21 d; II: 22–28 d) of growing Japanese quail ¹.

Ingredient	Age	mcDM (%)	mcCP (%)	NR (%)	AME (kcal/kg)	AMEn (kcal/kg)	Δ AME (kcal)
Corn	I	83.7	82.5	86.2 ^a	3340	3300	39.6
Wheat	I	78.5	83.9	74.9 ^b	2899	2831	68.5
Barley	I	86.2	88.8	81.7 ^{ab}	2663	2506	158
Corn	II	81.4	80.3	74.7 ^b	3698	3210	33.3
Wheat	II	83.9	77.9	76.6 ^b	3058	2521	82.6
Barley	II	87.0	80.8	87.8 ^a	2757	2056	198
SEM		2.47	3.79	3.11	133	188	18.4
Ingredient							
Corn		82.6	81.4	80.5 ^{ab}	3519 ^a	3483 ^a	36.3 ^c
Wheat		81.2	80.9	75.8 ^b	2979 ^b	2903 ^b	75.5 ^b
Barley		86.6	84.8	84.7 ^a	2710 ^b	2532 ^c	178 ^a
SEM		1.74	2.68	2.20	93.8	98.5	13.0
Age							
I		82.8	85.1	80.9	2968	2879	88.6
II		84.1	79.7	79.7	3171	3066	105
SEM		1.43	2.19	1.79	76.6	109	10.6
<i>p</i> -value							
Feed		0.101	0.549	0.033	<0.001	<0.001	<0.001
Age		0.529	0.098	0.631	0.077	0.117	0.297
Feed $\times$ Age		0.313	0.737	0.029	0.592	0.530	0.465

Means in a column not sharing a common letter (a–c) are significantly different ($p < 0.05$). ¹ Each value is the mean of five replicate pens with 15 birds per pen.

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Ingredient	Age	mcDM (%)	mcCP (%)	NR (%)	AME (kcal/kg)	AMEn (kcal/kg)	Δ AME (kcal)
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SEM		1.43	2.19	1.79	76.6	80.4	10.6
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The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

Reference

1. Khanipour, S.; Ghazaghi, M.; Abdollahi, M.R.; Mehri, M. Ileal Digestible and Metabolizable Energy of Corn, Wheat, and Barley in Growing Japanese Quail. *Poultry* **2024**, *3*, 190–199. [[CrossRef](#)]

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