



Comparative performance of Kuzi Ducks (*Anas platyrhynchos*) and its crosses with Khaki Campbell with respect to growth, phenotypic parameters and carcass quality

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Supplementary Table 1. Growing period body weight (g) in different genetic groups in male and female

Age in week	Male			Female		
	Kuzi	DK	KD	Kuzi	DK	KD
10	1528 ^{B±2058} (84)	1494 ^{B±19} (68)	1478 ^{B±14} (69)	1514 ^{B±16^a} (86)	1399 ^{C±20^c} (74)	1460 ^{B±15^b} (70)
12	1692 ^{A±19^a} (84)	1569 ^{A±18^b} (68)	1587 ^{A±20^b} (69)	1498 ^{B±15^a} (86)	1435 ^{B±16^b} (74)	1441 ^{B±13^b} (70)
16	1689 ^{A±25^a} (69)	1565 ^{A±15^c} (74)	1622 ^{A±19^b} (61)	1624 ^{A±22^a} (86)	1553 ^{A±19^b} (74)	1555 ^{A±19^b} (70)

DK=Kuzi × Khaki Campbell, KD= Khaki Campbell × Kuzi. Average in a column for a particular genetic group having even one superscript in capital letter common it did not differ significantly ($P \leq 0.05$). Means in a row having different subscript in small letter differ significantly for a particular sex ($P \leq 0.05$). g=gram. Figure in parenthesis are number of observation.

Supplementary Table 2. Weight gain in g during different period in different genetic groups in male and female up to 10 weeks of age

Period	Male			Female		
	Kuzi	DK	KD	Kuzi	DK	KD
0day to 1 wk	54.45	62.47	63.30	56.64	66.39	61.38
1 -2 wk	136.32	147.53	156.92	129.78	144.33	152.64
2-3 wk	199.28	241.79	211.47	194.16	248.88	209.51
3-4 wk	242.04	206.26	212.42	223.83	187.95	222.96
4-5 wk	268.61	265.74	144.85	283.10	280.72	138.22
5-6 wk	225.08	228.22	311.88	191.53	173.43	306.93
6-7 wk	166.48	110.06	138.58	161.25	81.46	121.92
7-8 wk	111.90	101.78	137.59	147.70	91.13	144.99
8-10 wk	82.32	89.71	60.83	85.34	84.91	60.95

DK=Kuzi × Khaki Campbell, KD= Khaki Campbell × Kuzi. g=gram.

Supplementary Table 3. Conformation traits in Kuzi and its crosses with Khaki Campbell at 8 weeks of age

Genetic group	Sex	Number	SL (mm)	KL (mm)	BL (mm)
Kuzi	Male	84	70.47 ^{ab±0.47}	130.96±0.98	65.84 ^{a±0.41}
DK	Male	68	71.75 ^{a±0.49}	131.68±1.24	65.82 ^{a±0.38}
KD	Male	71	70.01 ^{b±0.64}	131.84±1.22	64.21 ^{b±0.53}
Kuzi	Female	86	69.35 ^{a±0.43}	127.91±0.76	63.66±0.36
DK	Female	74	68.30 ^{ab±0.39}	126.38±0.30	63.81±0.30
KD	Female	68	67.55 ^{b±0.62}	126.91±0.81	62.65±0.70

SL=Shank length, KL=Keel length, BL=Bill length; K D=Khaki Campbell × Kuzi and DK=Kuzi × Khaki Campbell. Mm= millimeter. Means having one common superscript in particular sex in part of column did not differ significantly ($P \leq 0.05$).

Supplementary Table 4. Mortality % during different period in the three genetic groups

Period	Kuzi (N=178 at day old)	DK (n=145 at day old)	KD (n=147 at day old)
0-8 week	4.49	2.76	4.08
8-16 week	4.06	3.00	5.12

K D=Khaki Campbell × Kuzi and DK=Kuzi × Khaki Campbell.