

- -

(BA) Barred	(BR) Brown	(CD)
28	:	75
()	()	()
()	()	()
	.%	% %
(0.01>)	(CD)	

(CD)

(CD)

(2000)

(1986 Cotterill Stadelman)

(1970 Fisher)

)

(2000

1954 Dowson)

(1997

. 2011 / 1 / 3

. 2011 / 5 / 12

		(CD)		
(BA)		75	225	
	28	(CD)	(BR)	
		18		
		(/	2708	%16)
	(1990) Bell	North		
10		/	16	
		28	45	

. (1986) Cotterill Stadelman

(CRD) Complete Randomized Design

. (Duncan Multiple Range Test)

. (2001) SAS

(0.01>)

(1)
(CD)

52.833 50.187 57.473
(CD)

(2003) Zaman (2000)

(2002) Ketelaere

(0.05>)

(1)
(CD)

Hafez)

. (1954

.1

()	()	()	()	()
0.073±5.127a	0.469 ± 34.046a	0.274 ± 18.279a	0.8112 ±57.473a	(CD)
0.080 ± 4.699b	0.452 ± 29.584c	0.244± 15.896C	0.771 ± 50.187c	
0.092 ± 5.216ab	0.579 ±32.419bc	0.385 ± 16.793bc	1.221 ± 52.833bc	

.5%

*

(CD) (2)

1984 Sang (2003 Zaman 2000

(2011) Idowu 4.15

(CD) 31.598 31.812

(CD) 59.25 CD

58.975 58.958 (2003) Zaman

(2003) (1986) Pandy

0.458 0.457 0.458 (CD)

0.46 (1970) Al-Jebouri

(2003)

.2

السلاطات الصفات	ارتفاع البيض (ملم)	ارتفاع الصفار (ملم)	نسبة الصفار %	نسبة البيض %	دليل الصفار
خط (CD)	a0.093± 8.248	0.094 ± 17.938ab	0.067 ± 31.812a	0.075 ± 59.256a	0.002 ± 0.548a
البيني	0.969 ± 7.814bc	0.108 ± 17.798abc	0.059 ± 31.689ab	0.069 ± 58.958b	0.002 ± 0.457a
المخطط	0.106 ±8.103 ab	0.124 ± 17.458c	0.058 ± 31.598b	0.066 ± 58.975b	0.003 ± 0.458a

.5%

*

CD (3)

(CD)

(1967) Amer

(1990)

Kamphues (2001) Haque (1986) Rose

(2003) Zaman (2002) Keterlaere (2001)

Idowu . (1986 Poggenpoel) 0.37
 . 0.11 (2011)

(CD)

0.0642 0.0655 0.0665
 (2000)

29

.3

(%)	(%)	(%)	(CD)
0.0002 ± 0.0665a	0.002 ± 0.331A	0.040 ± 8.931 c	
0.0004 ± 0.0642c	0.003 ± 0.319b	0.040 ± 9.355 ab	
0.0004 ± 0.0655ab	0.003 ± 0.314b	0.041 ± 9.355ab	

.%5

*

(4)

92.591

91.419 91.089 (CD)

(1985) Curtis

(1988) (1970) Al-Jebouri (1972) Amer Al-Rawi
 (1990)

(CD)

(2003)

.4

0.082 ± 39.120 a	91.418	0.002 ± 0.548 a	(CD)
0.107 ± 38.938 a	91.089	0.002 ± 0.457 a	
0.111 ± 38.090 c	92.091	0.003 ± 0.458 a	

.%5

*

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- . 488-471 : 31.
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- . 33 – 26 : (1) 22 .
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COMPARISON OF SOME EGG QUALITY CHARACTERISTICS IN LOCAL STRAINS IN IRAQ .

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ABSTRACT

The aim of this study is to compare some egg characteristics among three local strains chickens in Iraq (broiler dam line Fawbro (CD) and strains of brown (BR) and Barred (BA)) . The eggs were collected from 75 chickens of each strain at 28 weeks age. The study included assessment of recipes egg quality as following: Egg weight (g), yolk weight(g) , yolk height (ml.) , Albumen weight (g) , Albumen height (ml.) , Shell weight , shell thickness , and from this parameters the yolk index .

The result indicated that there were a significant ($p < 0.01$) effect for the genotype of the strain (CD) in compare with strain (BR) and strain (BA) in egg weight , yolk weight , albumen height , yolk ratio , albumen ratio and shell weight . while there were no significant differences among the three strains in yolk height , shell thickness and yolk index.