

# Common Duck -- White Tsaiya



Drake

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Hen

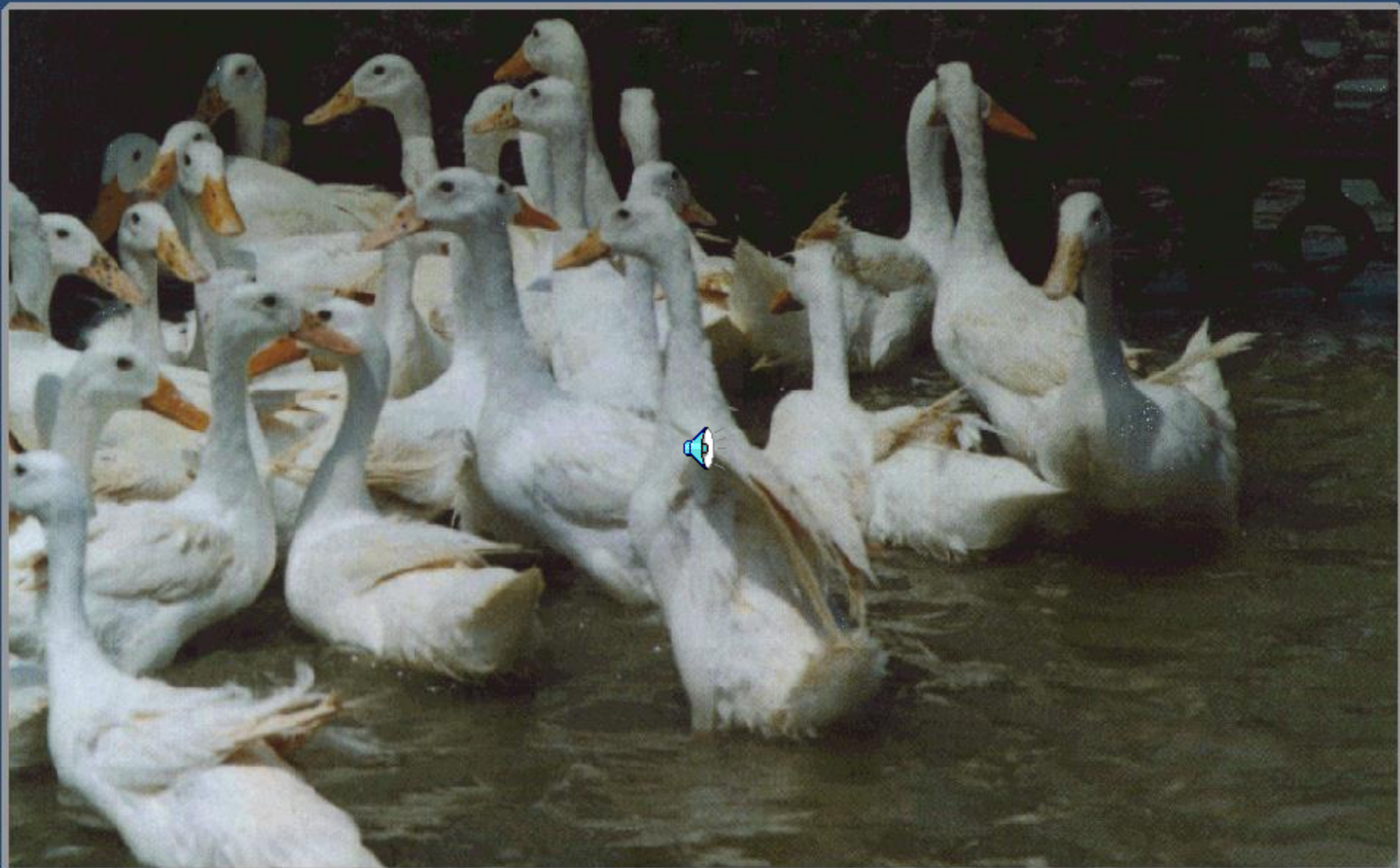


# Common Duck -- White Tsaiya



White tsaiya originated from brown tsaiya and named TLRI No. 1  
Congregate and play in water.  
Orange yellowish beak and feet

# Common Duck -- White Tsaiya



**Jittery, easily frightened.**

**Drakes have sexual feather on tail and hens don't**

# Black (Colored) Muscovy Duck

## Growth Performance

## Mean + SE

	LINE 101	LINE 102	LINE 103	
Body weight at				
10 weeks old(Male)	1.35 ± 0.13	1.24 ± 0.14	0.91 ± 0.13	Kg
16	1.41 ± 0.12	-	1.18 ± 0.11	Kg
20	1.50 ± 0.10	1.50 ± 0.14	1.26 ± 0.13	Kg
40	1.50 ± 0.10	-	-	Kg
10 weeks old(Female)	1.30 ± 0.13	1.18 ± 0.12	0.87 ± 0.13	Kg
16	1.39 ± 0.15	-	1.13 ± 0.10	Kg
20	1.45 ± 0.16	1.41 ± 0.13	1.33 ± 0.13	Kg
40	1.58 ± 0.17	-	-	Kg
8th feather length				
10 weeks old(Male)	13.3 ± 2.4	12.1 ± 2.2	5.89 ± 2.8	cm
16	16.9 ± 0.6	-	16.1 ± 0.7	cm
20	17.1 ± 0.5	16.5 ± 0.6	15.6 ± 0.5	cm
8th feather length				
10 weeks old(Female)	13.6 ± 2.7	12.8 ± 2.4	6.89 ± 2.7	cm
16	16.5 ± 0.6	-	15.3 ± 0.5	cm
20	16.7 ± 0.7	-	15.1 ± 0.6	cm



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## Reproductive

## Performance

Age at first egg	$125 \pm 13$	$133 \pm 13$	$130 \pm 14$ days
Number of eggs produced at			
40 weeks old	$123 \pm 28$	$107 \pm 27$	$102 \pm 28$ eggs
360 days old	$191 \pm 34$	$190 \pm 25$	$165 \pm 30$ eggs
Egg weight produced at			
30 weeks old	$63.2 \pm 4.4$	–	$56.9 \pm 4.5$ g
40 weeks old	$70.1 \pm 5.1$	$69.7 \pm 4.8$	$59.9 \pm 3.8$ g
Shell strength of egg produced at			
30 weeks old	$3.8 \pm 0.6$	–	– Kg/cm <sup>2</sup>
Yolk weight of eggs produced at			
30 weeks old	$20.1 \pm 1.8$	–	– g

# **Common Duck – White Tsaiya**

## **Origin of White Tsaiya**

White Tsaiya has been developed by the Ilan Research Station (Duck Research Center), TLRI, ROC in Taiwan, over the last few decades. The white tsaiya is descended from the few individuals with pure white feathers in the Brown Tsaiya population. The white tsaiya is used as the female terminal line for the production of white mule ducks in a three - way cross, i.e. it is crossed with white Pekin drakes to produce white Kaiya hens, which are then inseminated with semen of white Muscovy drakes.

At present, three lines were kept at TLRI for this variety. L101 is a control population. L102 is a selected line for white plumage by recurrent selection. L103 is an inbred line bred by fullsib mating for more than 13 generations with a 0.926 of inbreeding coefficient.