

**Expected Results of Breeding with Inherited Recessive Diseases**

<i>Parent 1</i>	<i>Parent 2</i>		
	Normal	Carrier	Affected
Normal	All = normal	$\frac{1}{2}$ = Normal $\frac{1}{2}$ = Carriers	All = Carriers
Carrier	$\frac{1}{2}$ = Normal $\frac{1}{2}$ = Carriers	$\frac{1}{4}$ = Normal $\frac{1}{2}$ = Carriers $\frac{1}{4}$ = Affected	$\frac{1}{2}$ = Carriers $\frac{1}{2}$ = Affected
Affected	All = Carriers	$\frac{1}{2}$ = Carriers $\frac{1}{2}$ = Affected	All = Affected