Pointer Genotypes / Phenotype / Color Chart

Black 1 - BBEE carrying no recessive type
Black 2 - BbEE carrying liver
Black 3 - BBEe carrying Orange
Black 4 - BbEe carrying liver, Orange and Lemon
Liver 5 - bbEE carrying no recessive type
Liver 6 - bbEe carrying Lemon
Orange 7 - BBee carrying no recessive type
Orange 8 - Bbee carrying Lemon
Lemon 9 - bbee carrying no recessive type

Orange is black nose and features.
Lemon is with flesh or light colored nose and features.

This chart shows only rough percentages possible for a give breeding pair.

-	Black 1	Black 2	Black 3	Black 4	Liver 5	Liver 6	Orange 7	Orange 8	Lemon 9
Black 1	100% Black	X	X	X	X	X	X	X	X
Black 2	100% Black	75% Black 25% Liver	X	X	X	X	X	X	X
Black 3	100% Black	100% Black	75% Black 25% Orange	X	X	X	X	X	X
Black 4	100% Black	75% Black 25% Liver	75% Black 25% Orange	56.25% Black 18.75% Liver 18.75% Orange 6.25% Lemon	X	X	X	X	X
Liver 5	100% Black	50% Black 50% Liver	100% Black	50% Black 50% Liver	100% Liver	X	X	X	X
Liver 6	100% Black	50% Black 50% Liver	75% Black 25% Orange	37.50% Black 37.50% Liver 12.50% Orange 12.50% Lemon	100% Liver	75% Liver 25% Lemon	X	X	X
Orange 7	100% Black	100% Black	50% Black 50% Orange	50% Black 50% Orange	100% Black	50% Black 50% Orange	100% Orange	X	X
Orange 8	100% Black	75% Black 25% Liver	50% Black 50% Orange	37.50% Black 37.50% Orange 12.50% Liver 12.50% Lemon	50% Black 50% Liver	25% Black 25% Orange 25% Liver 25% Lemon	100% Orange	75% Orange 25% Lemon	X
Lemon 9	100% Black	50% Black 50% Liver	50% Black 50% Orange	25% Black 25% Orange 25% Liver 25% Lemon	100% Liver	50% Liver 50% Lemon	100% Orange	50% Orange 50% Lemon	100% Lemon
-	Black 1	Black 2	Black 3	Black 4	Liver 5	Liver 6	Orange 7	Orange 8	Lemon 9

Source of data: 'Inheritance in Dogs with Special Reference to Hunting Breeds by Ojvind Winge 1950'
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