## NOTES

1. A black can carry chocolate or blue or cinnamon. A black CANNOT carry both chocolate and cinnamon at the same time. A black has the potential to produce any of the colors as illustrated in the chart. Certain conditions may apply.

2. A lilac is a cat which is blue and chocolate at the same time. It must get a blue allele from each parent and a chocolate allele from each parent.

3. A fawn is a cat which is blue and cinnamon at the same time. It must get a blue allele from each parent and a cinnamon allele from each parent.

4. Chocolate/cinnamon and blue are separate unrelated genes. As a result a blue and a chocolate or a blue and a cinnamon can produce a black. If the blue parent carries chocolate or cinnamon, chocolate or cinnamon is possible. If the chocolate or cinnamon parent carries blue, blue is possible. If both blue and chocolate are present, lilac is possible. If both blue and cinnamon are present, fawn is possible.

5. Two chocolates, two cinnamons, or two blues can NEVER produce a black.