**Introduction**

Due to the growing number of domestic animals, owners as well as the animals are at risk of plant poisoning. That is why plant poisoning needs to be considered in the differential diagnosis.

Frequently, plant poisoning is not properly diagnosed because the identification is quite difficult, expensive and time consuming. It is advisable that the veterinarian recognizes the most commonly plants involved in this type of disease.

This work has an informative purpose that the veterinarian can include the toxicity of the plants in the differential diagnosis of a disease, especially in livestock or dogs and cats living with house plants. A reference Veterinary Poison Control Center in the European Union, which could centralise and provide useful information on plant poisonings, is lacking, thus dificulting a correct diagnostic by veterinarians.

**Material and methods**

A plant selection has been made (grand variety of plants found in Catalonia, house plants and hybrids) based on the clinical evidence. As an informative work is based on PubmedMedline and ScienceDirect academic articles, ecometrical resources and several web sites.

**Results**

Poisoning appears to be an uncommon cause of illness in animals compared to other clinical problems. One reason for this may be a lack of information on the most common toxicants affecting the domestic species so consequently there is little information available to guide and facilitate diagnosis.

Another difficulty with the investigation of causes of poisoning is that neither the veterinarian nor the owner are required to inform the case. This leads to poor and limited dissemination of toxic epidemiological data, with little or no availability to veterinarians in other regions or countries.

Generally, but with some exceptions, poisonous plants are not appetizing and the poisoning happens in exceptional conditions.

**Conclusion**

There is a huge variety of plants that could be toxic and to identify them is difficult. The differential diagnosis considering plant poisoning is quite uncommon. Livestock can be poisoned by lots of different plants, but it is only considered a problem when there is a high economic loss.