

Holiday plants and pets

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Things to consider:

Age

Overall health status

Behavior/habits

Breed/genetic
specifics



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Note well:

**The dose
makes the
poison!**

Case : A woman who competed in a ...contest to see how much water she could drink without going to the bathroom died of water intoxication...



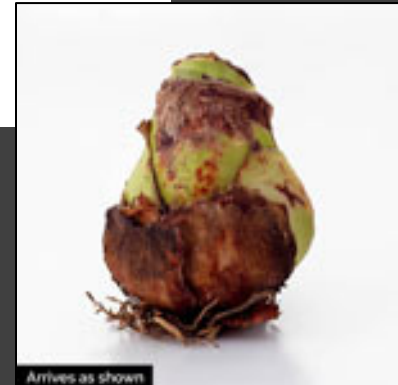
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Holiday Amaryllis

- Amaryllis spp (Naked ladies –outside plants)
- Hippeastrum genus (holiday blooming amaryllis)

In general GI irritation,
vomiting, diarrhea



Toxins primarily in bulbs



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Paper Whites

Narcissus, Jonquil

Bulbs are most toxic part

Most often limited to GI signs
but can progress to death

Tulips - similar



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Lilium spp. and Hemerocallis spp.

- ALL PARTS INCLUDING VASE WATER AND POLLEN ARE CONSIDERED TOXIC!
- Acute renal failure develops quickly
- Early treatment is imperative



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NO LILIES FOR KITTIES



Cats and lilies don't mix!

Lilium species ("true lilies") such as Easter, tiger, Asiatic, Oriental, etc., and daylilies (*Hemerocallis*) are highly toxic to cats (not dogs or people). **Ingesting petals, leaves, pollen, or even water in the vase can result in kidney failure and death.** If your cat eats any part of a lily, call Pet Poison Helpline, your local emergency clinic or your veterinarian immediately.

Early treatment is imperative!

SEE BELOW FOR SAFER FLOWER CHOICES FOR CATS

Other lily varieties shown here such as peace (*Spathiphyllum*), Peruvian (*Alstroemeria*) and calla (*Zantedeschia*) are much less dangerous and cause only minor symptoms when eaten.



SAFER* cut flower choices include: Roses, sunflowers, tulips, irises, carnations, mums, baby's breath, hyacinth and daffodils.

*These flowers may cause vomiting and diarrhea but are not considered life threatening.

www.noliliesforkitties.com



Christmas Kalanchoe

- Devil's backbone, Christmas Kalanchoe, Flaming Katy
- Mother of Millions; Mother of Thousands
 - Evergreen succulent capable of vegetative propagation

Contains cardiac glycosides -
Tremors, vomiting/diarrhea, sudden
cardiac death



Cyclamen

– Toxin mostly found in tubers

Most often
limited to GI
signs but can
progress to
death



American Mistletoe

- Phoradendron flavescens
- Vomiting, diarrhea, low blood pressure (rare), difficulty breathing, low heart rate



European Mistletoe

- Viscum album
- Vomiting, diarrhea, low blood pressure (rare), difficulty breathing, low heart rate



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American and English Holly

Ilex spp.

Leaves and berries are low toxicity

Vomiting, diarrhea and depression



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Misconceptions

Poinsettia

- A single report way back then....the grim reaper!
- Vomiting and Diarrhea primary signs



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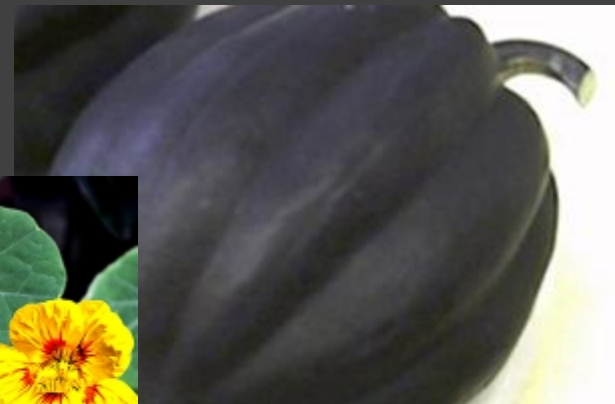
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“Safe” plants

Remember:

*The dose makes
the poison!*

<http://www.aspca.org/pet-care/animal-poison-control/toxic-and-non-toxic-plants>



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Christmas Cactus

Shrimp Cactus, Easter Cactus,
Thanksgiving Cactus
(*Schlumbergera* spp.)



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Roses and Orchids



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A Few Foods



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Vitas Spp.

Raisins

Grapes

Currants (Zante Black Corinth)

Sultana

Acute renal failure in
DOGS



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Macadamia Nuts

Weakness, depression, vomiting, tremors and hyperthermia (increased body temperature) in dogs.



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Chocolate, Coffee and Caffeine

cause vomiting and diarrhea, panting, excessive thirst and urination, hyperactivity, abnormal heart rhythm, tremors, seizures and even death.



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Guarana

contains two to four times the concentration of caffeine found in coffee seeds (about 2–4.5% caffeine in guarana seeds, compared to 1–2% for coffee seeds)



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When in doubt!!!!

**ASPCA Animal Poison Control
Center (888) 426-4435**

Pet Poison Helpline (855) 764-7661



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Resources

Web based

- Pet Poison Helpline: <http://www.petpoisonhelpline.com/poisons/>
- ASPCA toxic and non-toxic plants: <http://www.asPCA.org/pet-care/animal-poison-control/toxic-and-non-toxic-plants>

Ohio State Master Gardeners

- <http://extension.osu.edu/ask-an-expert/ask-master-gardener>

Franklin Co. Master Gardeners

- **Garden Information Hotline :614-866-6900 Ext.209**
- email fcmg@osu.edu



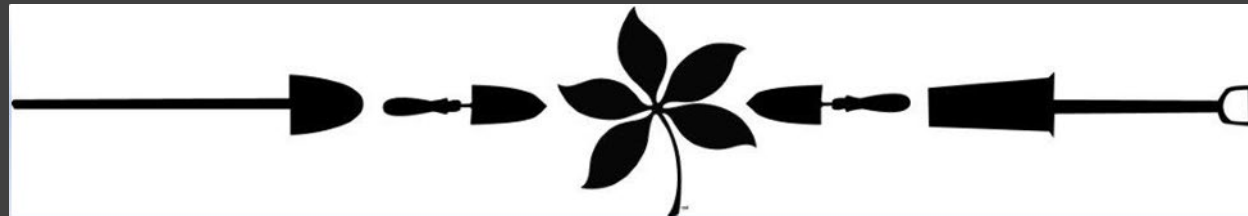
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For further information go directly to our website:

franklin.osu.edu/program-areas/master-gardener-volunteers
Or **mastergardener.osu.edu**

Email questions to:
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