

**MAY 2009**

132 W Highland Rd - Suite 101  
Howell, MI 48843  
517-546-6740  
www.mypetx.com



**UPCOMING EVENTS**

May 9th from 11am until 6pm the Pooch Photographer will be here, offering quality pet photos while you wait.



Pet X Supplies is partnering with the Humane Society of Livingston County to offer some discounted services to help you care for your pets in these tough economic times!

The third Saturday of every month from 11am until 3pm we will be offering:

- Rabies - \$10.00
- Distemper - \$8.00
- Distemper w/ Lepto - \$16.00
- Bordetella - \$8.00
- Feline Leukemia/FIV Test - \$30.00
- Heartworm Test - \$24.00
- Microchip - \$25.00

**FLEA SEASON**

By late spring, fleas begin to emerge from their pupae as adults and migrate to the nearest dog or cat for blood meals. An adult flea mates shortly after emergence and begins laying eggs within 36 hours. In her brief 50-day lifespan, a single female flea can lay more than 2000 eggs.

Fleas are marvelously adapted for survival. The female lays eggs on the host animal, but the eggs fall to the ground, carpet, sofa, dog bed, owner's bed, or easy chair where they hatch in two-to-five days. The flea larva feeds on organic debris in the environment. Within a week or two, depending on temperature and humidity, the larva spins a pupa (or cocoon) to protect it during metamorphosis to the adulthood.

In the hard-shelled pupa, the larva transforms from a tiny maggot-like creature into a six-legged blood-thirsty super-jumper able to leap 150 times its own body length, and the cycle

begins anew.

In the Midwest, the flea life cycle takes about 35-40 days in early spring and 17-21 days in mid-summer. By late summer, cycles slow to two months or more, and they virtually shut down between November and March.

Humidity is critical to flea survival. Eggs need relative humidity of 70-75 percent to hatch, and larvae need at least 50 percent humidity to survive. In humid areas, about 20 percent of the eggs survive to adulthood; in arid areas, less than five percent complete the cycle.

All bets are off when Fido brings fleas in for the winter. Household warmth can keep the cocooned larvae alive until conditions are ripe for emergence of the adults and may even allow life cycles to continue at a snail's pace.



**Flea Products Comparison Chart**

Product	Flea Killing Ingredient	Flea Sterilizing	Youngest Age - Size Approved	Waterproof	Maximum Effect Reached	Other Parasites	How - When Administered
Advantage	Imidacloprid	no	7 weeks puppies - 8 weeks kittens	yes	98% of pre-existing fleas dead in 12 hours, the new fleas in 2 hours	none	topical - monthly
Bio Spot Spot On	Permethrin & Methoprene IGR	yes	6 months	normal bathing & rain	max effect in 24 hrs	ticks & mosquitoes	topical - monthly
Frontline Plus	Fipronil & Methoprene IGR	yes	8 weeks	yes	24 hrs to translocate, then 4-18 hrs to kill fleas & 24-48 hrs to kill ticks	ticks & lice	topical - monthly
Capstar	Nitenpyram	no	4 weeks - 2 lbs	yes	max effect in 4 hrs	none	oral - as needed or daily

**Leonardo's Spot**

The warm days of summer are just around the corner and my Mom makes these really cool treats for my older brother Galileo and me. She takes a can dog food, divides it up into four portions and puts it in four small plastic containers (like Tupperware or Rubbermaid). Then she adds water to fill the container, gives it a little stir and puts on the lids. Then they go into the freezer and on those warm days when Galileo and I are laying out on the deck she gives us each one to enjoy.

## Introducing Animals' Apawthecary – herbal pet care products

Developed in 1995 by world renowned herbalists and authors Gregory Tilford and Mary Wulff-Tilford, Animals' Apawthecary offers a broad assortment of glycerin-based herbal tincture formulas that are safe, effective and sweet tasting.

These tinctures have been developed through the kind, caring, healing efforts of people who deeply care for the holistic health and well-being of animals.



The herbs used are of the highest quality certified organic or sustainably wild-harvested quality of American sources in the world; hand picked under optimum conditions.

Used by hundreds of holistic veterinarians and thousands of holistic-minded pet owners worldwide, Animals' Apawthecary has revolutionized the use of herbs in the daily and clinical care of companion animals.

### Animals' Apawthecary Uses Chart

Product	Common Uses*
Alfalfa/Yucca Blend	Chronic joint inflammation in dogs and cats, usually in conjunction with essential fatty acids (EFAs) and glucosamine supplements.
Constitutional Blend	To quickly detoxify the body and aid in the elimination of waste. A short term remedy that is often followed with longer term use of Detox Blend. Similar in content to the famous Essiac formula.
Dandelion/Milk Thistle	To stimulate and protect liver function in dogs, cats and other animals that exhibit signs of liver stress or toxicity.**
Detox Blend	To gently assist the body in correcting chronic skin problems and other imbalances that may be related to liver dysfunction or poor waste elimination. May be used long term.
Goldenseal/Echinacea	To boost the immune system and fight infections, especially of the mouth and gastrointestinal tract.
Hawthorn Plus	For circulatory support in dogs and cats that may benefit from the antioxidant and strengthening activities of these three time-honored herbs.
Senior Blend	To strengthen functions in the nervous, digestive, circulatory, and immune systems of older dogs and cats. Often used as a tonic in animals with diminished kidney function.**
Tinkle Tonic	To soothe, lubricate, fight infection and reduce inflammation in the urinary tract and to aid with the removal of urinary crystals.***
Tranquility Blend	To safely calm dogs, cats, and other animals during acute episodes of anxiety, such as those encountered during car trips, thunderstorms, visits to the groomer, etc, without diminishing alertness.
Vitality Blend	To boost immunity and improve the body's response to stress. Used for working dogs, show animals, old and debilitated animals, and as a preventative prior to boarding.
Ol-Immune	To boost the immune system and provide broad-spectrum antimicrobial activity without compromising digestive flora. Used systemically for a variety of low grade infections. Serves as a better tasting alternative to Goldenseal/Echinacea Blend.
PhytoDent	To fight gingivitis and other forms of infection in the mouths of dogs, cats, horses, and other animals.
Phytomucil	Used to relieve symptoms of constipation, diarrhea, and various forms of gastrointestinal inflammation. Also useful for coughs.
Eye & Nose Drops	A dual purpose formula, used to soothe and relieve inflammation, redness, and infection of tissues surrounding the eye, or to fight infection of the nostrils and sinuses.
FidoDerm Spray	For dogs and horses. To relieve itching and promote healing of hot spots, flea and insect bites, minor abrasions, sun burn and other irritations of the skin. Not recommended for cats.

\* "Common Uses" stated herein represent the claims of pet care professionals and other individuals who have reported success from the use of these products in the animal types for which they are intended. However, such uses and claims have not been evaluated or approved by the Food and Drug Administration or the American Association of Feed Control Officials, and do not necessarily reflect the results of clinical trials or other scientific studies.

\*\* "How to Use", as listed on this chart, is for informational purposes only and are not intended to prescribe any course of therapy for your pet.

\*\*\* Kidney stones, renal failure, and other urinary problems can be life-threatening. If you suspect such problems, please consult your veterinarian immediately!