

## HWF Overview of Report

1st study conducted from January 2002 to July 2002  
 2nd study conducted from July 2002 to May 2004  
 3rd study conducted from May 2004 to May 2005

	# of dogs treated	# of dogs stayed on treatment	# of dogs survived treatment	Reason for death	# of dogs recovered from heartworm	Signs and Symptoms	Signs & Symptoms after taking HWF	Duration to overcome heartworms	Adjunct Therapy (if any)	Remarks on Results
<b>Study #1</b>	17	4	4		0	Dogs came in with symptoms of: Positive on heartworm test, lack of energy, coughing, lethargy, difficulty breathing, some had no symptoms.	A few dogs had allergies to the HWF. The remaining dogs did become symptom free within 5 weeks.			As a result of the allergic reactions to the Black Walnut, we changed the formula. Used Black Seed instead. Did not wish to have test subject dogs on Wormwood for long periods of time as it is known to cause depression and mind altering changes.
<b>Study #2</b>	24	13	13		5	Dogs came in with symptoms of: Positive on heartworm test, lack of energy, coughing, lethargy, difficulty breathing, some had no symptoms.	Within 2 to 3 weeks the dogs were symptom free.	2 - 24 weeks 3 - 36 weeks	none	Test subject dogs were not responding soon enough thus Apricot Pit and Grapefruit Seed Extract was added to the list of ingredients.
<b>Study #3</b>	43	27	25	Dog #1-dog was very ill to begin with. Was on heart medications, medication for fluid retention and Prednisone. Dog was on treatment for only 1 week	23	Dogs came in with symptoms of: Positive on heartworm test, lack of energy, coughing, lethargy, difficulty breathing, some had no symptoms.	Within 2 to 3 weeks the dogs were symptom free. 3 dogs had a reaction to the HWF so then dosage was decreased to half for 1 week slowly increased to the full dose over a 3 week period. All three dogs did well with the gradual increase.	5 at 12 weeks 9 at 16 weeks 2 at 24 weeks 4 at 36 weeks 2 at 1 year (we reevaluated these dogs & found both were taking HeartGard. We asked study group to take dogs off HeartGard & within 8 weeks they were heartworm free.		<b>Conclusions</b> - We found that dogs on HWF cannot be on other heartworm preventative products. If allowed to be on other preventative products, test results stay at a low positive. Once the test subject dogs were taken off the other heartworm preventative products, they recovered within 8 weeks. Once the Apricot Pits and Grapefruit Seed Extract was introduced, the subject dogs began to respond to the new combination of ingredients. All subject dogs that stayed on the HWF protocol did recover over time. The average time period to overcome heartworms was between 12 to 16 weeks.