



# Canine Influenza

## “Building Community Immunity” Grant

In 2010 Merck Animal Health (formerly known as Intervet/ Schering-Plough Animal Health) partnered with the Petfinder.com Foundation to offer their members access to free doses of Nobivac® Canine Flu, H3N8. The program distributed close to 1 million doses of vaccine to qualified shelters and rescue groups. Each recipient received enough Nobivac Canine Flu H3N8 to vaccinate all dogs in their care for 4 months, including initial and booster vaccinations.

### Results from the follow-up survey:

**45%** indicated that coughing had decreased since vaccinating for canine flu (CIV)

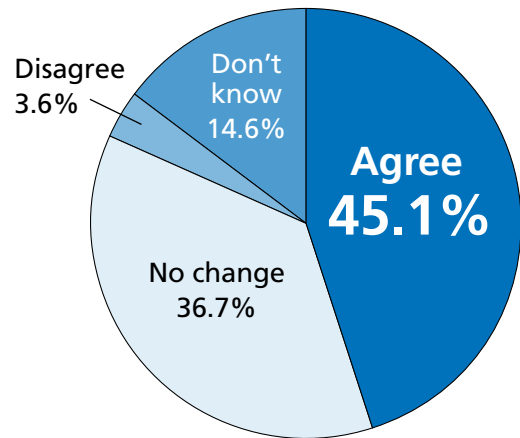
**53%** felt that the overall health of their dogs improved after vaccinating for CIV

**57%** intend to add CIV to their vaccine protocols

**The vaccine improved** the reputation of shelters in the community, including veterinary clinics, because they provided their dogs with broader respiratory protection. Pet adopters were impressed with their shelter’s commitment to the health of the dogs in their care.

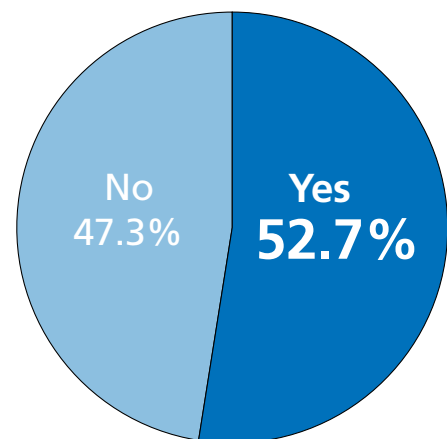
### Has coughing decreased since start of CIV vaccination?

412 Shelters



### Overall health improvement since CIV vaccination

412 Shelters



**Nobivac® Canine Flu**  
H3N8  
*Don't wait...vaccinate.™*





## Canine Flu H3N8

- New H3N8 influenza virus “jumped” species from horses to dogs<sup>1</sup>
- CIV is highly contagious<sup>1</sup>
  - Direct contact, cough or sneeze, contaminated surfaces
- CIV is a new virus; dogs have no natural immunity to it<sup>1</sup>
  - Virtually 100% of naive dogs exposed become infected

## Nobivac<sup>®</sup> Canine Flu H3N8

- Killed virus, adjuvanted vaccine
- Subcutaneous administration
- Safe for use in dogs 6 weeks of age or older
- Administered safely to over 1 million dogs
- Two 1-mL doses given 2 to 4 weeks apart for naive dogs
  - Annual revaccination with 1 dose is recommended

“ I would much prefer to **prevent viral infections with the vaccine** than treat a secondary infection with antibiotics. ”

– Edward J. Dubovi, PhD, Professor of Virology  
Cornell University College of Veterinary Medicine



**Nobivac<sup>®</sup> Canine Flu**  
**H3N8**  
*Don't wait...vaccinate.™*

**Reference: 1.** Crawford C, Spindel M. Canine Influenza. In: Miller L, Hurley K. eds. *Infectious Disease Management in Animal Shelters*. Ames, IA: Wiley-Blackwell; 2009:173–180.

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