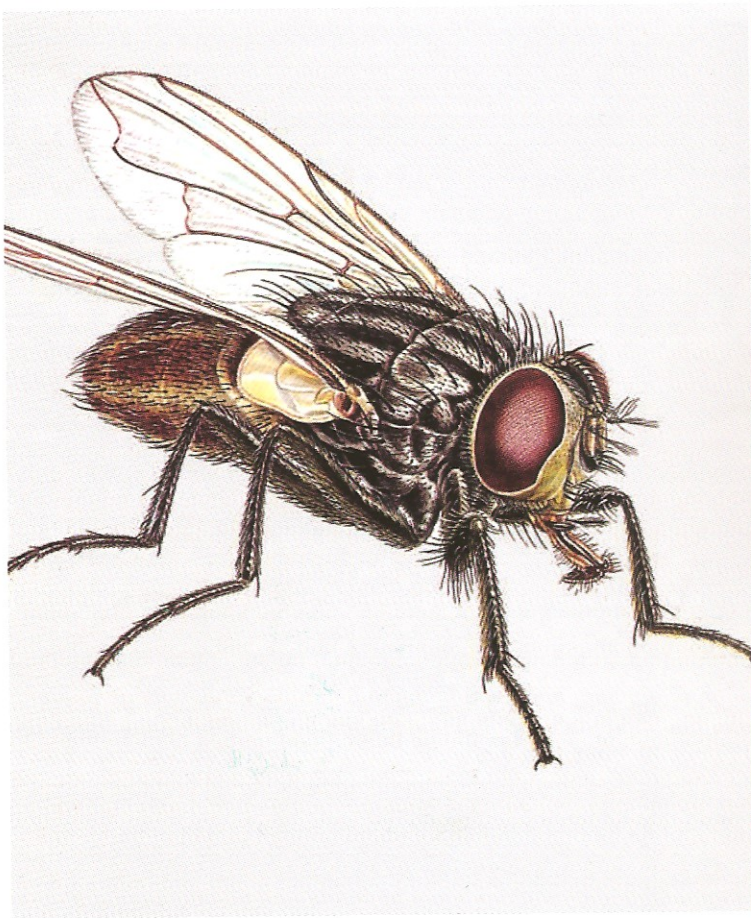


The attractive control of flies



The novel sprayable technology for effective and easy house-fly control in rural situations, food processing plants, restaurants and garbage storage facilities.



QuickBayt® Spray is an innovative bait for fly control, that can be sprayed selectively on surfaces where flies aggregate. More flexible than a traditional granule bait, it can be applied on vertical surfaces as well as on horizontal areas.

No more issues with resistance phenomenon, QuickBayt® Spray performed well on flies resistant to pyrethroids and organophosphates. The product showed superior fly control results compared to the non- neonicotinoid competitor products tested in the field.

Nuisance quickly stops for a long period. QuickBayt® Spray exhibits a fast initial knock down effect and a residual efficacy up to 6 – 8 weeks.



Bayer Environmental Science

## Innovative formulation

- QuickBayt® Spray is a sugar based water dispersible granule formulation of imidacloprid (10 % w/w) for application to horizontal and vertical surfaces to control house-fly population in many fields.
- QuickBayt® Spray contains imidacloprid, a highly active Neonicotinoid insecticide that acts as stomach poison.
- QuickBayt® Spray contains the attractant Muscalure and the flavouring agent LEJ 179 which lead to a fast onset of efficacy and the long lasting control of the product.

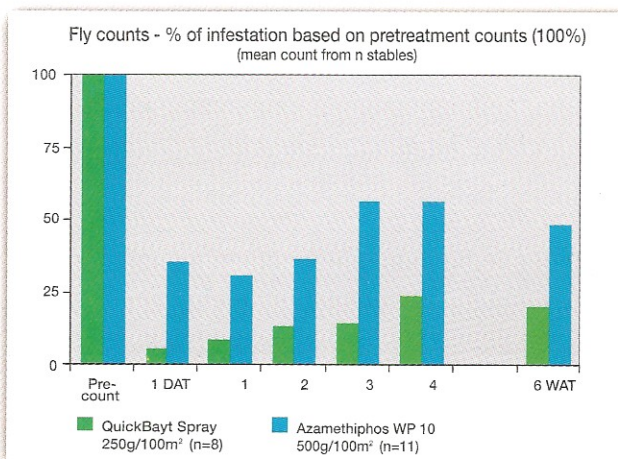
## Advantages

- One unique effective insecticide for several uses, QuickBayt® Spray is suitable for use in a wide range of situations (e.g. livestock farms, rubbish dumps, market places) and is effective against flies with sponge-like mouth parts (e.g. *Musca domestica*, *Fannia canicularis*, *Calliphora spp.*, *Lucilia spp.*, *Drosophila spp.*)
- One unique insecticide for all situations resulting in an easier and economical control of flies wherever they stay.
- One unique attractive formulation which does not need the full coverage of the area to be protected leading to savings in product and workload.
- One unique long lasting effect up to 6 to 8 weeks and only 2 to 3 applications are needed to cover the fly season.
- Easy to avoid animals and people exposure, only non sensitive focused areas have to be sprayed.
- Improved safety, QuickBayt® Spray contains Bitrex® to help preventing accidental ingestion by people.

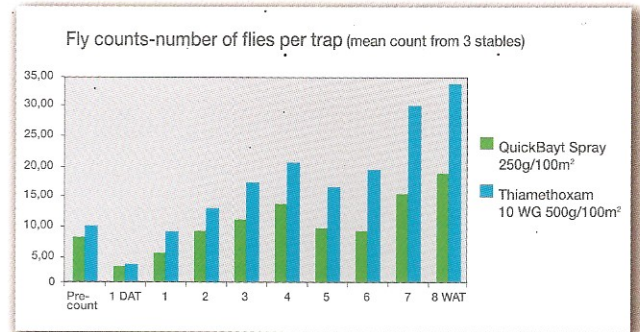
## Bio-efficacy

### 1- Fly control in animal housings

- Efficacy of QuickBayt® Spray versus Azamethiphos WP10 against house flies in stables in Germany.

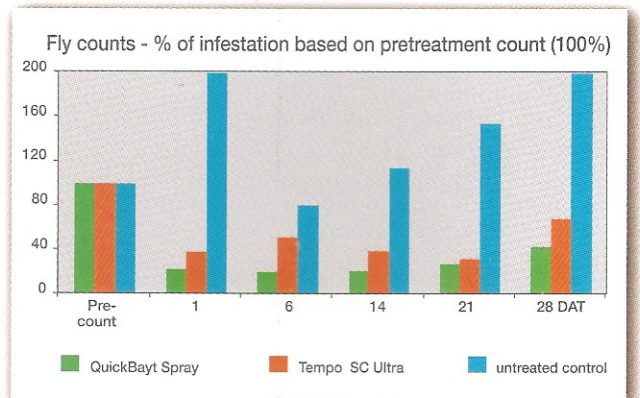


- Efficacy of QuickBayt® Spray versus Thiamethoxam WG 10 against house flies in stables in South Africa.



### 2- Fly control in professional pest management around garbage disposals, dumpsters etc...

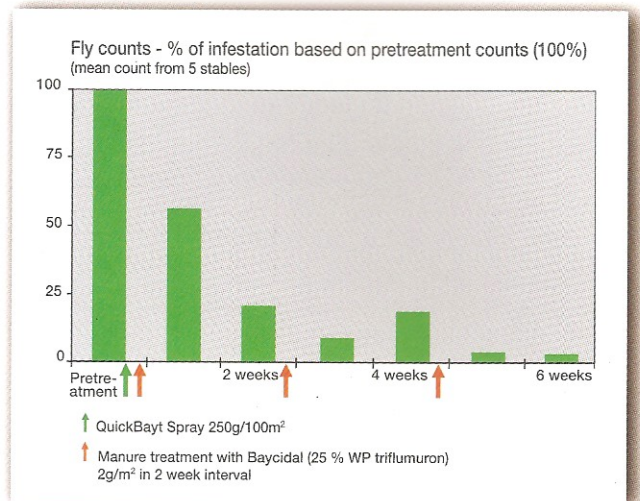
- Fly control in dumpster areas of food handling establishments with QuickBayt® Spray and Tempo® SC Ultra (Central California, USA).



### 3- Global fly control program combining larvicide and adulticide

- Fly control based on QuickBayt® Spray and Baycidal® in stables in Germany.

The combination of QuickBayt® Spray with the larvicide Baycidal® WP 25 (triflumuron) in a fly control program has shown an excellent residual efficacy even in stables with poor sanitary management, where adulticides alone have no prospect of a successful fly control.



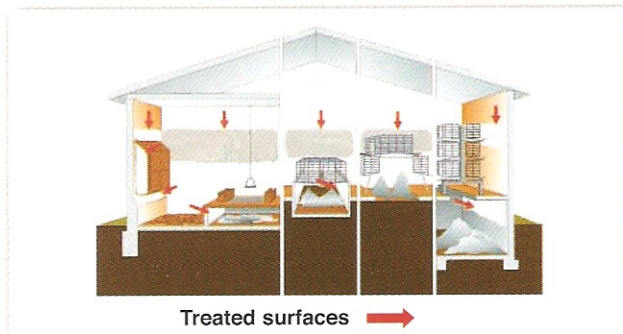
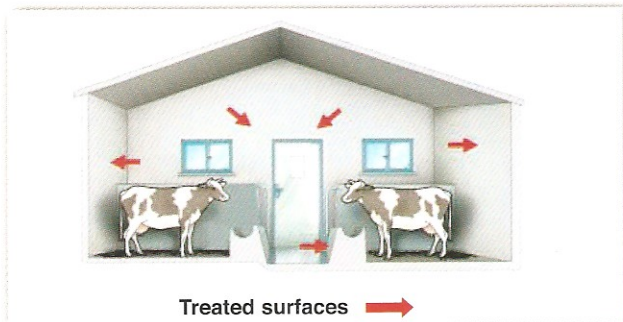
## Instructions for use

### 1- Preparation of Spray Charge

- Diluting 250g QuickBayt® Spray in 2 litres of water for 100m<sup>2</sup> stable ground space will allow to spray 30 to 60% of wall area.
- Apply QuickBayt® Spray with a backpack sprayer. Spray spots on surfaces in areas where flies aggregate. The sprayed stripes should not exceed 10 x 30 cm.
- QuickBayt® Spray can be applied in presence of animals but to areas inaccessible to them.
- Re-apply as soon as fly pressure exceeds acceptable threshold values, generally every 4-6 weeks.

### 2- Localized application

In contrast to commonly used residual contact insecticides QuickBayt® Spray must not be applied to every suitable surface, but only to areas where adults flies are active.



3- Clean application equipment by rinsing thoroughly with lukewarm water.

## Toxicity of QuickBayt® Spray

QuickBayt® Spray		
Oral (rat)	LD <sub>50</sub> (mg/kg bw)	> 5000
Dermal (rat)	LD <sub>50</sub> (mg/kg bw)	> 5000 <sup>a</sup>
Inhalation (rat)	LC <sub>50</sub> (mg/l)	not conducted <sup>b</sup>
Skin irritation (rabbit)		non-irritating
Eye irritation (rabbit)		non-irritating
Skin sensitization (guinea pig)		not a sensitizer

EC Classification (directive 2001/58 EC): not classified  
 a: value given for active substance; due to animal welfare not conducted on QuickBayt® Spray.

b: QuickBayt® Spray considered as nearly dust free (respirable particle size); low inhalation exposure application methods; active substance itself considered as not highly toxic by inhalation.

## Environmental protection

### Data given for active ingredient

Fish: Rainbow trout (96h)	LC <sub>50</sub> (mg/l)	211
Daphnia: Water flea (48h)	EC <sub>50</sub> (mg/l)	85
Algae: <i>Desmodesmus subspicatus</i> (72h)	EC <sub>50</sub> (mg/l)	> 10

## Safety advice

On the basis of the toxicological profile of QuickBayt® Spray, no specific protective equipment is required for the applicator.

However, in keeping with good hygiene practices, the following precautions are recommended:

- Wear suitable protective clothing when handling the product (e.g. coveralls, eye protection, face shield, and gloves) and when applying the product (e.g. coveralls, gloves, goggles and spray mask).
- Avoid working in spray mist.
- Exclude persons during treatment. Do not apply on animals and ventilate treated areas thoroughly after treatment.
- Wash splashes from skin or eyes immediately with plenty of water.
- Wash hands and exposed skin before eating, drinking or smoking and after work.
- Do not spray the moving parts of any machinery, electric motors and switchgear.
- Remove heavily contaminated clothing immediately and wash before re-use.
- Do not apply directly to surfaces on which food is stored, prepared or eaten.
- Protect food, food-preparing equipment and eating utensils from contamination during application.
- Keep out of reach of children.
- Keep only in original container, tightly closed, in a safe place.
- Wash out used container thoroughly and dispose of safely.

## First aid measures in case of exposure

### General advice

Move out of dangerous area. If the patient is likely to become unconscious, place and transport him in stable sideways position. Remove soiled or soaked clothing immediately.

### Skin contact

Wash off immediately with soap and plenty of water. Take medical treatment.

### Eye contact

In case of contact with eyes rinse thoroughly with water. Call a physician immediately.

### Ingestion

Do not induce vomiting. Wash out mouth with water. Call a physician immediately.

## Notes to physicians

---

Treat symptomatically.

Monitoring of respiratory and cardiac functions. Gastric lavage, then charcoal (carbo medicalis) and sodium sulfate.



Bayer Environmental Science

Bayer Environmental Science SA  
P.O.Box 940542 Amman  
11194 Jordan  
Tel. +962 6 553 1 883  
Fax +962 6 553 1 884



Bayer Environmental Science

Bayer Environmental Science SAS  
16, rue Jean Marie Leclair - CP 106  
F-69266 Lyon - France  
Tel : +33 (0)4 72 85 43 21  
Fax : +33 (0)4 72 85 46 32

[www.bayercropscience.com](http://www.bayercropscience.com)

A Business Group of  
Bayer CropScience