

THIS IS A PESTICIDE ADVERTISEMENT

TO BE HANDLED BY TRAINED PERSONNEL ONLY.

# Effective fly management with knock-down performance and good residual effect



## Q-Bayt<sup>®</sup>



x 15



Bayer Environmental Science  
A Business Operation of Bayer CropScience



# Q-Bayt®

## Flies fall for Q-Bayt

The common housefly (*Musca domestica*) and related fly species are an everyday problem in animal production as well as in densely populated human living areas. In addition to transmitting pathogens to people, flies contaminate food in commercial, industrial and institutional facilities. Flies also carry diseases to animals and often cause stress among livestock, which leads to reduced milk and meat production. Moreover, flies are unpleasant and associated with low standards of hygiene.

Add new Q-Bayt from Bayer to your fly control program, for long-term residual efficacy in fly infestation management.

### Bait technology with Imidacloprid.

Imidacloprid (chloronicotinyle class of chemicals) is the active ingredient in Q-Bayt. The mode of action of imidacloprid is based on a totally different way of interfering with the transmission of impulses in the nervous system of insects. It is currently used for fly control in livestock housing.

### The bait concept.

The active ingredient imidacloprid is utilized through a new combination of attracting properties and an optimized bait surface. The bait's attractiveness comes from a mixture of two attractants, and is enhanced even further by the signal color red. The porous matrix of the sugar granules makes the bait much easier for flies to ingest.

### Effective.

Applied at the start of fly season, Q-Bayt prevents the growth of sizeable fly populations. Existing populations will be visibly reduced for weeks within 14 days.

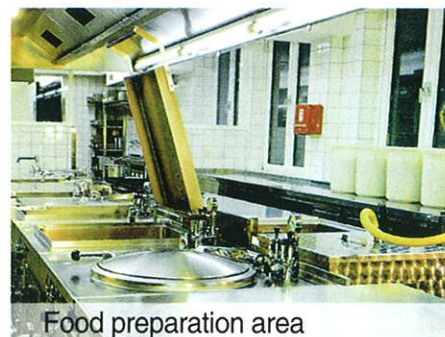
### Flexible. The ease of use.

Q-Bayt granules are easy to use and suitable for targeted application as a scattering bait or as a spreadable paste when dissolved in water. It's the bait technology to use wherever effective fly control is needed.

Furthermore, the addition of the bittering agent Bitrex helps to prevent people from accidentally ingesting Q-Bayt.



Poultry



Food preparation area



Hotels



Fly



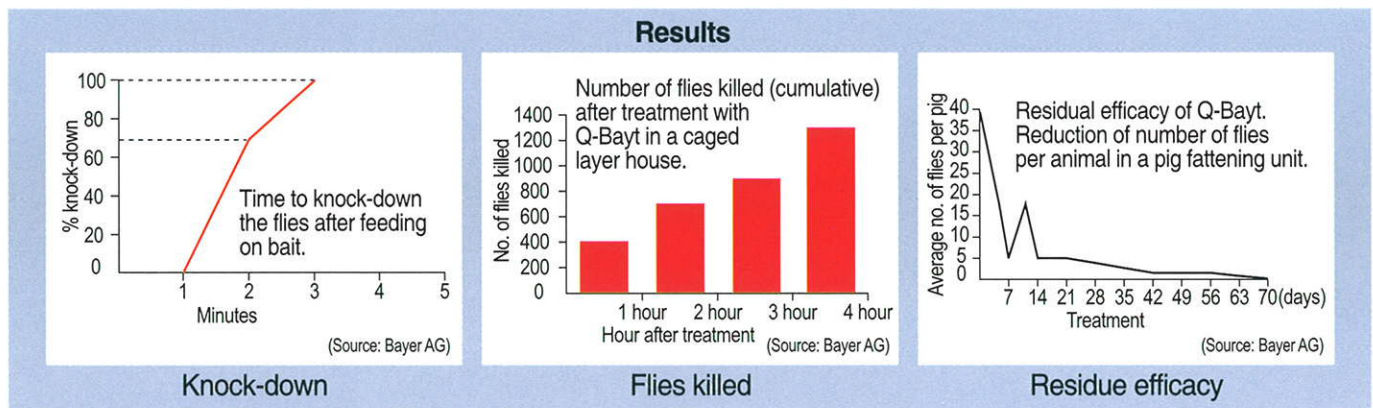
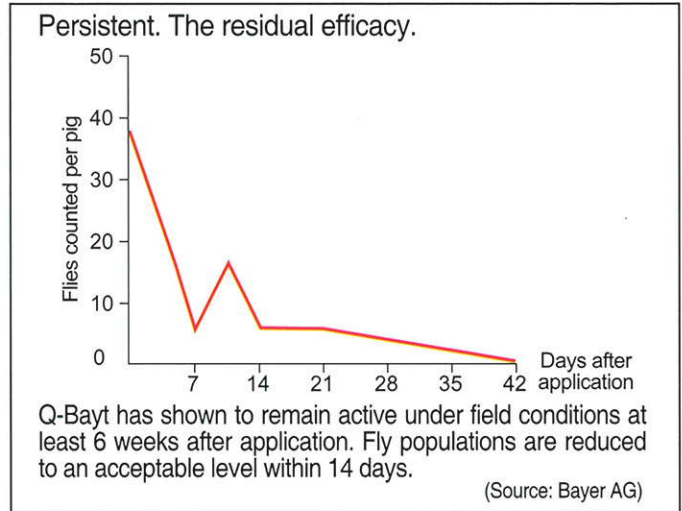
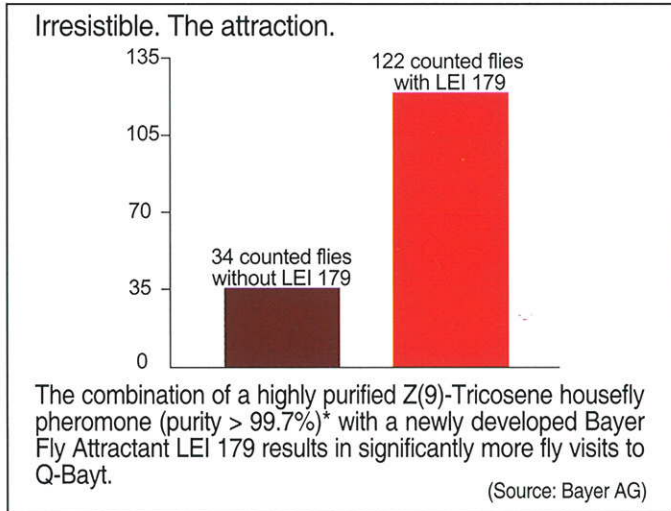
Livestock



Stable

# Knock-down performance and good residual effect

## Tested: The Results



Pupa

Larva

Eggs

Adult

### Life cycle of housefly

- Life cycle undergoes complete metamorphosis stages of eggs, larva, pupa and adult.
- In the tropics (around 30°C) life cycle takes 8-10 days.
- Adult lays about 100-150 eggs per oviposition during lifetime.
- Gravid females are attracted to decaying organic odors of breeding sites.



# Q-Bayt®

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### Housefly General Facts

- Live in close association with man.
- Habits of visiting, feeding and breeding on filth.
- Usually remains near breeding places.
- At night, prefers to rest outdoors and under cover.

### Why Control Flies?

- Unhygienic - Flies contaminate feed and foodstuffs.
- Hazardous - Flies transmit disease pathogens.
- Irritating - Flies irritate man and animals

### Q-Bayt Formulation

- Active Ingredient: Imidacloprid.
- Sugar-based granule.
- Contains attractants.
- Easy application as scatter bait or paint-on

### General Precautions

- Keep out of reach of children, pets or animals.
- Strictly follow label instructions when handling the product.
- Store only in it's original packaging.

### Direction for use

Places/Situation	Pests	Remarks
Agricultural production houses, livestock barns (poultry, pig, goats, cattle and horses), residential and industrial areas (food processing plant), hotels, restaurants and rubbish dump sites.	Flies ( <i>Musca domestica</i> , <i>Fannia canicularis</i> and <i>Calliphora</i> spp.)	<b>Scatter application</b> Scatter Q-Bayt into a container such as a paper tray at 2 g/m <sup>2</sup> or per linear meter. Scatter in such a way so as no heaps formed. Place the dishes on flat, dry and warm places where flies prefer for resting (e.g. pathways, window ledges) Replace with new Q-Bayt scatter baits when they have been consumed or got dirty or when there's still fly infestation.
		<b>Paint-on application</b> To prepare a paste for painting, Q-Bayt could be mixed with warm water at rate of 1 g/ml water. (One bottle of this in 350 ml). Stir thoroughly 15 minutes after mixing, apply the paste, with a brush, onto dust-free spots where flies rest. It can also be painted onto sheets of cardboard or fabric and hang these in areas frequented by flies.



**Bayer Environmental Science**  
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For more information please contact:

**READ THE PRODUCT LABEL BEFORE USE**