

Bayer Environmental Science



Quick Bayt[®]

The next dimension in fly control.



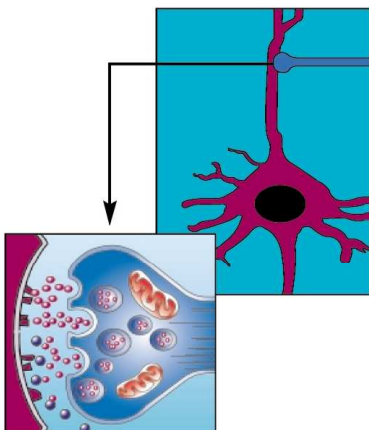
Fast action with lasting

Fly management



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 Quick Bayt from Bayer to your fly control program. For fast action, long-term residual efficacy and reliability in fly infestation management.



Pioneering. **Bait technology with Imidacloprid.**

Imidacloprid (chloronicotinyle class of chemicals) is the active ingredient in Quick Bayt. Quick Bayt represents an innovation in the use of this class of active ingredient in controlling houseflies. 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 unique among all insecticides currently used for fly control in livestock housing. This makes Quick Bayt effective even against flies showing resistance to organophosphates and carbamates.



residual effectiveness

with Quick Bayt.



Intelligent. The bait concept.

The active ingredient imidacloprid is utilized perfectly 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—resulting in noticeable success in just seconds.

Effective. The long-lasting impact.

Quick Bayt's special mode of action ensures success in the long term, too. Applied at the start of fly season, Quick Bayt prevents the growth of sizeable fly populations. Existing populations will be visibly reduced for weeks within 14 days.

Flexible. The ease of use.

Quick 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 ideal bait technology to use wherever effective yet gentle fly control is needed.

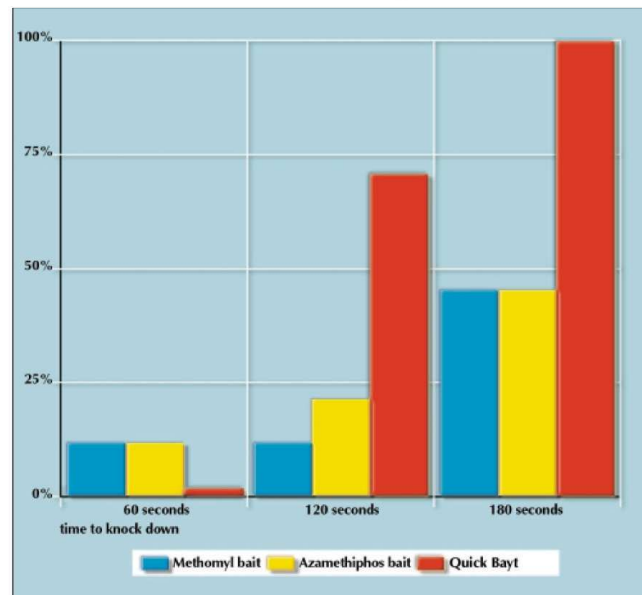
Oral LD 50 (rats)	>2500 LD50 (mg/kg bw)
Dermal LD 50 (rats)	>2500 LD50 (mg/kg bw)
Skin irritation (rabbit)	Non-irritant
Eye irritation (rabbit)	Non-irritant
Sensitisation (guinea pig)	Non-sensitising

In addition to targeted application, the proven tolerability of imidacloprid makes Quick Bayt especially safe. Furthermore, the addition of the bittering agent Bitrex® helps to prevent people from accidentally ingesting Quick Bayt.



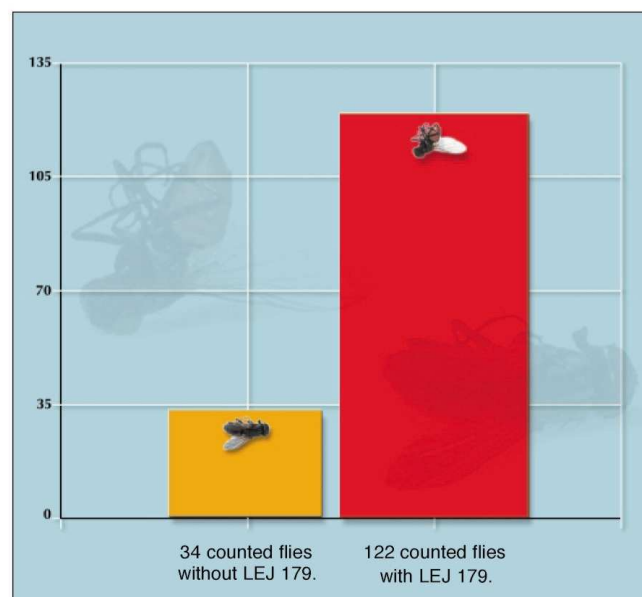
Tested: The Efficacy

Quick. The Speed of knock down.



In laboratory models Quick Bayt has shown a clearly superior knock down effect compared to the delayed action in Methomyl and Azamethiphos. Already 180 seconds after feeding Quick Bayt, all flies were knocked down.

Irresistible. The attraction.



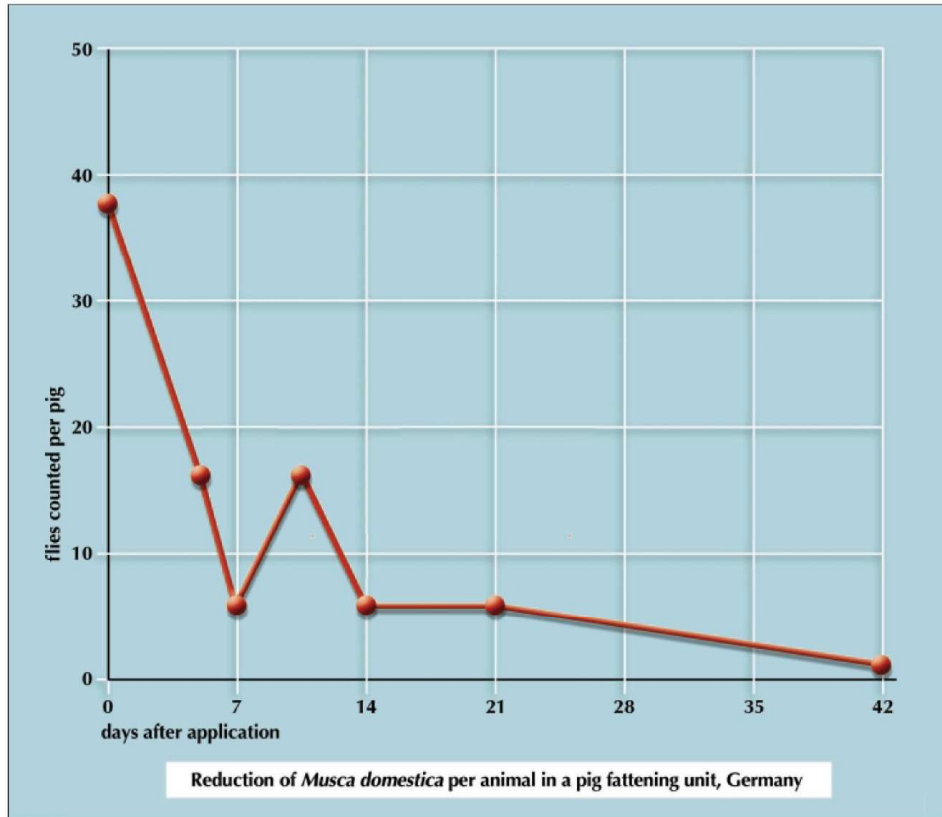
The combination of a highly purified Z(9)-Tricosene house-fly pheromone (purity > 99.7%)* with a newly developed Bayer Fly Attractant LEJ 179 results in significantly more fly visits to Quick Bayt.

* EPA registration



Persuasive: The Results

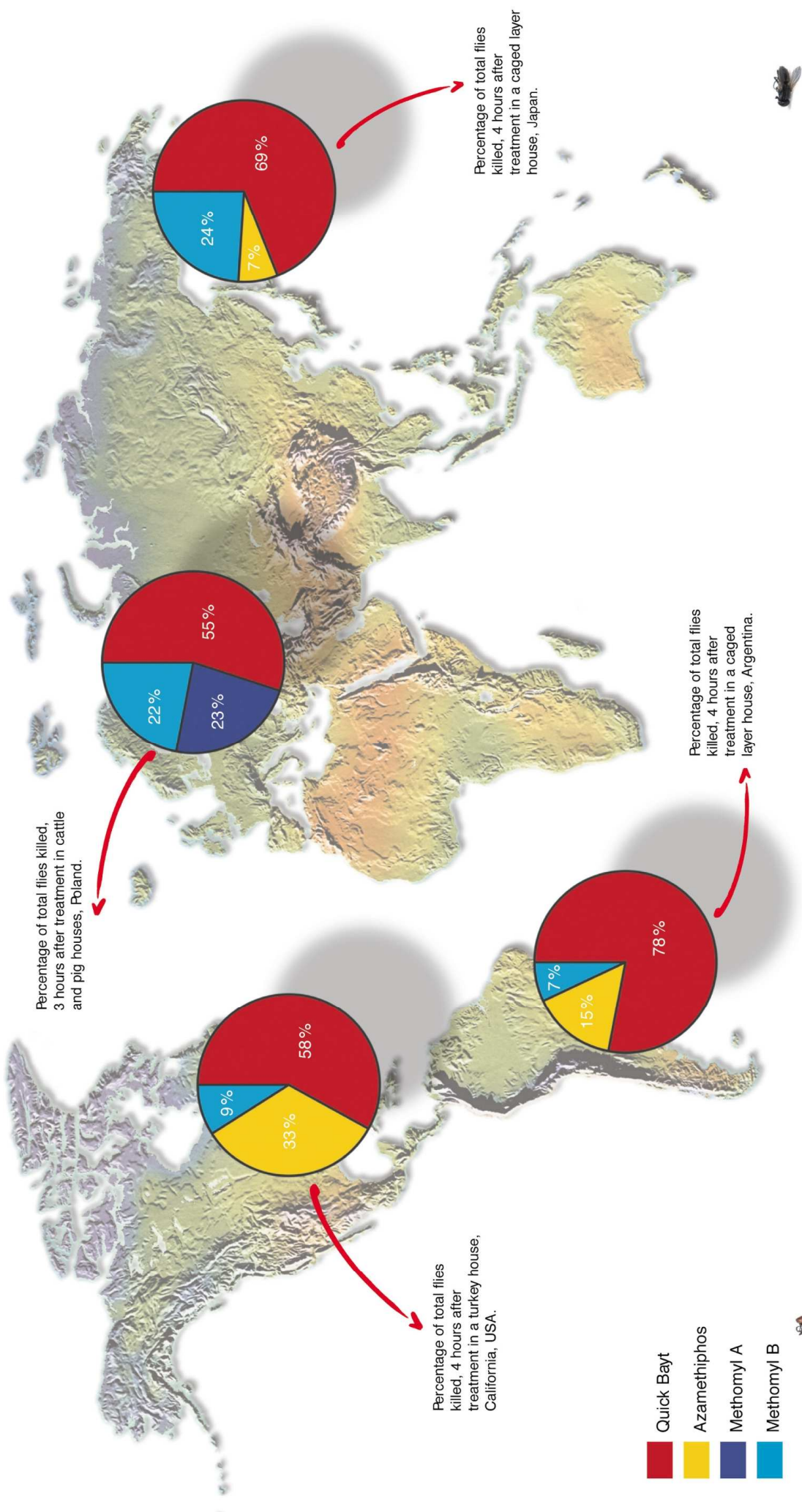
Persistent. The residual efficacy.



Quick Bayt has shown to remain active under field conditions at least 6 weeks after application. Fly populations are reduced to an acceptable level within 14 days.



International Quick Bayt Studies.



Percentage of total flies killed, 3 hours after treatment in cattle and pig houses, Poland.

Percentage of total flies killed, 4 hours after treatment in a turkey house, California, USA.

Percentage of total flies killed, 4 hours after treatment in a caged layer house, Japan.

Percentage of total flies killed, 4 hours after treatment in a caged layer house, Argentina.

- Quick Bayt
- Azamethiphos
- Methomyil A
- Methomyil B

International comparative field trials show that Quick Bayt kills much more flies than the parallel tested flybaits based on Azamethiphos and Methomyil.



Successful

The Bayer Fly Control Range.



Quick Bayt For targeted application. Works in seconds due to attractive granular bait.

Baycidal Works specifically against fly larvae and interrupts expansion of the population right where it begins.

Solfac Ideal for direct spray application of broad areas with severe fly infestations.