



## Vole (Field)

Field vole:

*Microtus agrestis*



**Distribution:**

widespread throughout Britain and offshore islands, but none in Ireland. Also found in northern Europe from north-west Spain to the USSR.

**Habitat:**

mainly open, grassy habitats with dense ground cover. Particularly likes overgrown fields with damp tussocky grass. Also found on moors and in hedgerows.

**Description:**

mouse-like but blunter nose, shorter tail & less prominent ears. Yellowy-brown fur.

**Size:**

head and body, about 10cm; tail, 4cm.

**Life-span:**

about one year.

**Food:**

mainly grasses; also bulbs, roots and tree bark. Occasionally insects, snails and other invertebrates.

The field vole is also called the short-tailed vole. It is very similar to the bank vole (*Clethrionomys glareolus*) but the latter has red-brown fur, a longer tail and more prominent ears than the field vole.

There is an Orkney vole (*Microtus arvalis*), found only on the Orkney Islands in Scotland and the Channel Island of Guernsey. It is like the field vole but deeper brown in colour and is a little longer and heavier.

### **Field Vole Habits**

Territory field voles, active by day and night, are aggressive and each one has its own small territory which it fiercely defends from other voles. They fight noisily, uttering loud squeaks and angry chattering noises. Each vole makes runways among the grass stems, usually centered on a tussock where it nests.

A favourite habitat is a young forestry plantation where there is lush, undisturbed grass. But after a few years, the trees have grown so much that they cast a dense shade and the grass dies, forcing the voles to go somewhere else. Some manage to live on the grassy fringes, from where they can quickly recolonise grassy areas that begin to grow once more trees are felled.

### **Breeding**

. The field vole's breeding season is mainly March to September, although they may continue breeding into December. Four to six young are born in a nest of dry grass, usually hidden in a thick grassy tussock. The babies have grown their fur by ten days old and are weaned at around sixteen days. Young females are ready to mate at six weeks old.

### **Plagues.**

Field voles are one of the most numerous British mammals and because they are prolific breeders, populations in a favourable habitat often increase to number in their thousands - a vole plague. When this happens, competition for space and food and heightened aggression leads to less successful breeding, with the result that the population rapidly declines. The fluctuations in populations usually occur in 3-5 year

cycles. Some predator populations also increase as the vole populations increase. For example, field voles are the main food of barn owls, forming 90 percent of their diet. A shortage of voles has an effect on the number of young barn owls reared.

Other predators include foxes, stoats, weasels, kestrels and snakes.

### **Field Voles and Man**

Although field voles are very numerous, they are not normally considered to be a pest. However, when they reach plague proportions, in some areas they can become serious agricultural pests, damaging crops.

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