

FCE Reading

You are going to read an article about the loss of Bees. Eight sentences have been removed from the article. Choose from the sentences a-I the one that best fits each gap (1-8). There is one extra sentence which you do not need to use.

New Findings About Loss of Bees

Bees add an estimated eighteen billion dollars a year to the value of American crops. They pollinate flowers that become fruits, nuts and vegetables. **1** _____ Scientists have proposed different theories to explain what is known as colony collapse disorder.

New research suggests that a commonly used group of insecticides could cause bees to have a hard time finding their way back to their hive.

The new research looks at the use of pesticides called neonicotinoids. They were first used in the nineteen nineties. **2** _____ The seedlings absorb the chemical as they grow.

That means farmers do not need to spray a whole field. Instead there is a little bit of insecticide inside each plant -- including the pollen and nectar that the bees want.

3 _____ But the new research in the journal Science says it may harm them anyway.

Researchers stuck microchips to the backs of the bees. These chips recorded the bees' movements as they came and went from their hive. **4** _____ The study found that these bees were about twice as likely not to return as other bees.

Mickael Henry from INRA, the French national agriculture research institute, says the bees basically get drunk.

MICKAEL HENRY: "Intoxicated honeybees with those small doses may just get lost and are not able to find their way back home."

For some crops around the world, **5** _____ Dave Goulson at the University of Sterling in Britain worked on another study published in Science. He says the pesticides could help explain why bumblebee populations are also decreasing.

DAVE GOULSON: "There were eighty-five percent fewer queens produced when they'd been exposed to realistic field levels."

Bayer CropScience makes neonicotinoid pesticides. **6** _____.

JACK BOYNE: "Instead of dosing the animals at field-relevant concentrations as the authors intended, **7** _____."

He also notes that researchers are studying other factors that could affect bee populations. **8** _____

Some European countries have banned the pesticides. And there are growing calls to ban them in the United States as well.

A The scientists fed some bees sugar water with a low dose of a neonicotinoid.

B honeybees are the more usual and their wild cousins

C Company spokesman Jack Boyne disputed the findings.

D They are now put on the seeds of many major crops around the world.

E These include parasites, diseases and stress caused by transporting beehives to farms.

F wild pollinators like bumblebees are more important than honeybees.

G . But, in recent years, honeybee colonies in the United States and Europe have been shrinking

H they instead dosed them at levels far greater than what would commonly be experienced in the field

I There is not enough pesticide to kill them.

ANSWERS

1 G

2 C

3 I

4 A

5 F

6 C

7 H

8 D