

## Agricultural and environmental sciences

### READING COMPREHENSION

#### 1. Organic milk

##### Task 1

Name of the scientific conference where the study was presented	<b>1. Soil Association's Annual Conference</b>
Name of the organization where the experiment was done	<b>2. Danish Institute of Agricultural research / QLIF</b>
nutrients that were found in higher quantities in organic milk compared to non-organic milk	<b>3. vitamin E 4. beta-carotene 5. omega 3 essential fatty acids 6. antioxidants</b>
Natural sources of omega 3 fatty acids	<b>7. cereals 8. fish</b>
nutrients that didn't show any significant difference in organic and in non-organic milk	<b>9. calcium 10. vitamin B12</b>

##### Task 2

<b>STATEMENTS</b>	<b>TRUE OR FALSE</b>
<i>0. Vitamin E can be found only in milk and milk products.</i>	<i>F</i>
11. The main sources of beta-carotene (besides milk) are fruits and vegetables.	<b>T</b>
12. The experiment was conducted with cows which were kept only under organic conditions.	<b>F</b>
13. According to the representative of BNF the consumption of any type of milk – whether organic or non-organic – is important.	<b>T</b>
14. Organic milk is 75 % higher in vitamin A than non-organic milk.	<b>F</b>
15. Men and women need different amounts of vitamin E.	<b>T</b>

## 2. Short news on alternative energy

Which article is about an event?	1,2,3
Which article involves a research institute?	1,3
Which article names several alternative energy sources?	2
Which article is about creating alternative energy from gases?	1
Which article describes the technology of making a liquid energy source?	3
Which article mentions the sum to be spent on environmental research?	2,3
Which article describes co-operation between various organisations?	1,3
Which article compares the production of two kinds of alternative energy source?	3
Which article mentions a problem or problems to be solved?	2,3

### LISTENING COMPREHENSION

#### Text 1

1.T, 2.T, 3.F, 4.F, 5.T.

#### Text 2

1. roots, 2. seedlings, 3. ingredients, 4. 2 gallons, 5. blooming plants, 6. sand, 7. fertiliser, 8. mix, 9. half, 10. planting

#### Sample table description

1. **The amount of sugarcane production is** given in tons.
2. **Europe is the only continent** where sugarcane is not produced.
3. **The top ten countries together** produced most of the world's sugarcane.
4. **Brazil leads** the list of top ten countries.
5. **India is** the second largest sugarcane producer with over 280,000,000 tons.
6. **The production of China is** the third largest in the world with over 110,000,000 tons.
7. **Thailand was able to** produce more than 66,000,000 tons of sugarcane.
8. **The production figures of Pakistan and Mexico** are nearly the same, around 50,000,000 tons.
9. **The amounts of production in the last three countries** are almost equal, too, about 30,000,000 tons.
10. **It is interesting that the first and the last country** in the list are located in South America.

### Sample letter

Dorothy Glower  
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England

MAGOSZ  
1051 Budapest  
Nádor u. 32.  
Hungary

12 April 2017

Dear Ms. Glower,

I am writing to complain about the organization of the Royal Agricultural Show, which our group of Hungarian farmers participated in. Unfortunately, we had several problems during the show, which made us disappointed.

First of all, the organizers did not inform us about the changes in the program in time. As a result, we could not attend some presentations of the show. We were not provided with an information package, either.

Secondly, we were not satisfied with the facilities of the show. There were several technical problems at the presentations we attended.

Finally, you offered a 10% group discount in case of online registration, but the invoice included the full price.

Since these problems caused us inconveniences, we would like you to offer some kind of compensation to us.

I look forward to hearing from you.

Yours sincerely,

Beáta Koós

MAGOSZ