



NATIONAL REGISTER OF EXPERTS  
IN THE SENSORY ANALYSIS OF HONEY

## **PROGRAM**

### **Day 1**

**MORNING 9 am – 1.30 pm**

- Introduction to the course, presentation of speakers and participants
- Sensory analysis: general principles and equipment, sensory physiology
- \* Four basic tastes trials, investigation of the sensitivity of the primary tastes (individual recognition of the primary tastes threshold)
- \* Perception tests of taste, aroma and other mouth perceptions
- \* Olfactory test: recognition of standard odours

**AFTERNOON 2.30 pm – 4.30 pm**

- \* Smelling of unifloral honey samples: perception, recognition and memorisation of the olfactory characteristics of some unifloral honeys
- \* Discriminatory triangle test

### **Day 2**

**MORNING 9 am – 1.30 pm**

- The honey: origin, composition and physical properties
- The tasting technique
- \* Tasting of unifloral honey samples 1: description and memorizing of olfactory and gustative characteristics)
- \* Discriminatory triangle test

**AFTERNOON 2.30 pm – 4.30 pm**

- Crystallization: cause, technology, defects
- The honey defects: identification, cause, remedy, and linked technology
- \* Tasting of honey with different kinds of defects

### **Day 3**

**MORNING 9 am – 12 pm**

- \* Tasting of unifloral honey samples 2: description and memorizing of olfactory and gustative characteristics)
- EU requirements
- \* Discriminatory triangle test



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LUNCH BREAK 12.30 pm – 2.30 pm

- Honey nutritional properties
- Cooking with honey
- \* Pairing Honey and Cheese
- \* Honey-based Food preparation (pastry, dessert, drinks, dressing for salad, meat or fish...)

AFTERNOON 3 pm

- Excursion
- Social dinner in a typical Bolognese restaurant (not compulsory)

### **Day 4**

MORNING 9 am – 1.30 pm

- \* Blind test: olfactory-gustatory recognition of unifloral honey
- Honey analyses
- \* Blind test: olfactory recognition of unifloral honeys
- \* Discriminatory triangle test

AFTERNOON 2.30 pm – 4.30 pm

- \* Descriptive Evaluation of honey (honey from participants)
- \* Discriminatory triangle test

### **Day 5**

MORNING 9 am – 1 pm

- \* Recognition test of unifloral honey blends
- \* Mock honey competition
- Closing of the course and giving out of certificates

\* interactive hands-on exercise

### ***Aims of the course***

The proposed course will teach a method through which honey is assessed and judged objectively. Students on this course will learn to characterise and evaluate honey in a way which adds value to honey, improves production techniques and provides better and clearer presentation of the product.

### ***Course details***

A maximum of 24 people will be admitted to the course. The course covers 5 days (28,5 hours in class). Theory lessons will be alternated with practical lessons in which the future assessor is taught to improve his concentration in the use of the senses and to describe and memorize the sensory perceptions of the most common unifloral honeys. Furthermore, participants are taught to recognize defects like fermentation, off odour of smoke, metallic taste and to judge other physical characteristics.