



### **Dr. Gianpietro Venturi**

Full Professor of General Agronomy and Crop Science at the Bologna University.

Born in Bologna, on 24.12.1935. Graduate *cum laude* in Agricultural Science (1962) at the Bologna University. Charged Assistant Professor (1962), Assistant Professor (1963-1978), charged Professor (1970-1978), always at the Bologna University.

In 1971, he obtained the free professorship in General Agronomy and Field Crops. Full Professor for the cathedra of General Agronomy and Crops Science at the Udine University (1981-1984), and at the Bologna University (1984). Director of the Agriculture Ministry's Experimental Institute for Industrial Crops (1978-1981). Director of Agronomy Institute (1992-1993). Director of Agronomy Department (1994-1999). Member of the Scientific Council of the International Institute for Beet Research (1977-January 2000). President of the Mediterranean Committee of the same Institute (1982-1989), and then responsible for the Agronomic Sector (1989-1992).

He has been member of the EEC Committee for Vegetal Proteins, President of Scientific Council of AIACE (Agricoltura Innovativa Ambiente Chimica Energia). General Coordinator (1981-1991) of the "Oil seed crops" Project of the Agriculture Ministry (5 sub-projects, 20 Units among Universities, Ministry Institutes, and private corporations). General Coordinator (1992-1999) of PRisCA (Project of research for non food crops) of the Agriculture Ministry (25 Units, 5 sectors: starch, energy, fibre, oils, special products). National responsible for the project of national interest EMCA's (Ecological Models for Agricultural Crops: soy beans) of the Ministry for the Scientific and Technological Research. National Coordinator (1991-1996) of the National Research Council's coordinated group CITECA (Industrial Textile and Paper Crops). National Responsible (1995-1999) of the CNR's coordinated group ABSOV (Biological Activity of Substances of Vegetal Origin).

He has been on technical missions in Ivory Coast, Guinea, Sudan, Senegal, Peru, Argentina, Brazil, Ukraine, with the function of setting about or supervising programs of research and development dealing with general agronomic aspects or with specific problems in industrial crops. He is the author of over 350 publications (79 in foreign languages; over 90 on Journals with Referees), the most of which experimental, and mainly concerning industrial crops, foremost of sugar, oil and fibre.

**DEPARTMENT OF AGROENVIRONMENTAL SCIENCE AND TECHNOLOGIES (DiSTA)  
University of Bologna, Italy**

**<http://www.agrsci.unibo.it/dista/index.htm>**

The activity is devoted both to teaching (courses and doctoral programs) and research. The staff consists of 15 Full Professor, 15 Associate Professor, 19 Researcher and 71 Technician and Administrative Officials. Research activities of Agronomic team, in open field and controlled environment, include agro-meteorology, soil physics, irrigation and drainage, crop management techniques, environmental impact, fertilisation, tillage, weed biology and control, plant breeding, seed biology and production, biology and production of grain, forage, industrial and herbs.

Agronomy team's research programs focus mainly on: 1) reduced input production systems  
2) the relationship between crop performance and the effect of environment  
3) basic natural processes useful groundwater from the effects of human activities  
4) evaluation and inclusion in traditional rotation of new industrial crops, food and non food sector, for multifunctional uses.

Research facilities consist of: Chemical laboratory, physical laboratory, seed analysis laboratory, plant physiology laboratory, biotechnology laboratory, agrometeorological stations, automatic sampler of soil runoff, automatic sampler of water runoff, automatic sampler of drain water from a large scale basin, 25 lysimeters, covered slopes, controlled environments (310 m<sup>2</sup> heated greenhouses, 25 m<sup>2</sup> climatic cells, 10 m<sup>2</sup> phytotrones, 3 climatic rooms, germination cabinets), 6 experimental stables (3 open, 3 half-open with slatted floors) for 850 young bulls, experimental farms (about 400 ha) in level ground and low-hill sites near Bologna, live collection of cultivated field crops grown in a didactic field (3000 m<sup>2</sup>) and other didactic facilities