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AGRILEVANTE

Esposizione
Internazionale
delle Macchine,
Impianti e Tecnologie
per la Filiera Agricola.

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Organizzata da
Unacoma Service Surl.
E' una iniziativa di
Fiera del Levante



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A technological heart for Agrilevante

An exhibition of technologies and machines for agriculture aiming at innovation and for showcasing models providing solutions with high technological content. Dedicated exhibition areas for presenting award winning machines in the New Techniques competition and prototypes created by the University of Bari.

The international Agrilevante exhibition scheduled for October 13 to 16 in Bari will showcase the finest technologies for agriculture in the Italian south and the Mediterranean area. Manufacturers will be unwrapping their most advanced models and a large number of conferences will focus on the most innovative mechanization systems with special reference to the olive and olive oil production chain and the management of biomass and residues earmarked for generating energy. The *technological heart* of the review, however, will be the display of New Techniques tapped for awards by a jury of experts and on view for the public in a section set aside in pavilion 20 in the trade fair center.

The competition is sponsored by Unacoma Service, the company which organized Agrilevante with the Trade Fair Agency, and brought in a jury made up of experts from CNR (National Research Council)-Imamoter, ENAMA (National Agricultural Mechanization Agency), Unacoma and the University of Bari. Ten highly significant models have been chosen, four for the New Techniques awards and six for honorable mentions.

The four top awards were named in order for a combine system produced by New Holland which modulates fan speed according to work requirements; a mini transporter built by Merlo equipped with rotating brushes specifically for cleaning photovoltaic panels; a mounted machine made by the Gandini Group which makes it possible to gather pruning residues and shred them at the same time; a battery powered chainsaw by Pellenc which provides numerous innovative solutions for controlling functions and safety. Covered by the special mentions are various types of machinery, equipment and accessories produced by Antonio Carraro (a compact tractor equipped with hydrostatic transmission with electronic control which can be programmed); Errepi (a vibrating head for fruit harvesting); Pellenc (lithium-polymer rechargeable battery and an olive shaker rake for olive harvesting) and Siciltiller (tiller with an automatic system for lifting tools to avoid striking obstacles). The models selected in the New Techniques competition were from those to be put on exhibit at Agrilevante and thus represent the highest level of technologies developed and put into production. On the side of those still in the experimental phase, a number of interesting proposals are coming from the academic sphere. The DISAAT Department of the University of Bari has built two prototypes created specifically for meeting the production needs of farming in the Italian south. One of the two innovations, to be put on display in a dedicated area in pavilion 18, is the prototype of a kneading machine developed in connection with the European Union Scientific Research Framework Program. The other is a machine for the controlled distribution of water to vegetation developed in the CNR-Murst program on the environment with specific reference to the management of waste oil.

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