



BOCALE

Valentini - Viticoltori di Montefalco

Vineyard maintenance: environmental protection or integrated pest management

Bocale winery uses techniques of environmental protection, in accordance to the National Action Plan (PAN) directive for the sustainability of phytosanitary products recognized by Umbria Region.

Our use of agricultural techniques, utilizing a low environmental impact can guarantee the maintenance of natural balance. We require low volumes of phytosanitary products:

1. minimum use of chemical pesticides;
2. a more ecologically stable farming system;
3. greater energy saving;
4. greater “intrinsic value” of the integrated pest environmental protection on consumers.

Our concept regarding the environmental protection or integrated pest management is founded on respect for nature and people.

We constantly monitor in the field all vine diseases, by using the data from weather stations and integrating them with our specific experience about each single variety, in particular Sagrantino (Photo 1).

We check in each plot the presence of useful or harmful insects, such as the European grapevine moth (*Lobesia botrana* - photo 2), to take action only if necessary.



Photo 1



Photo 2



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We create a complex environment where tradition (photo 3) and innovation merge (photo 4).



Photo 3



Photo 4

Specific attention is paid to soil management: soil working is fundamental and begin immediately after harvesting (photo 5), to prepare the seedbed.

The vineyard is treated with the technique of “cover-crop”, usually fava bean (*Vicia fava* - photo 6). We also reintegrate soil fertility with organic and mineral fertilizers without the use of chemical products or herbicides.



Photo 5



Photo 6

The weed control is made only by machine (photo 7) and this is a very important means for the proper management of water in the soil.



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So in this type of management, the man has the essential role to maintain the plant in balance, season after season, always trying to produce the best grapes (photo 8).



Photo 7



Photo 8

About our wines:

Our wines are produced with grapes grown on our estate, in accordance with an integrated farming system.

The wines are all natural, homemade with an artisan process that reflects the regional characteristics.

The fermentation takes place exclusively with native yeasts.

The wine is not treated with microfiltration and thermal stabilization.

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Valentino Valentini