

Integration of Different Control Measures to Maximize Disease Control of *Plasmopara viticola* in Organic Grapevine: French field trial in Recco project

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Abstract

At Barnave (Rhône Valley), in a commercial vineyard, Chitoplant (chitin) provided good protection on leaves and on bunches against Plasmopara viticola, with a moderate pressure on bunches. Saponin (yucca extract) did not provide enough protection. BM 608 (tea tree oil) provided an intermediary protection. This product should be associated with copper (mixed or alternative application) to increase the efficacy. Trapper did not increase the efficacy of BM 608. Concerning strategies, with 3 applications, the tested products did not provide good protection; only copper strategy (with 3 applications—1.8 kg/ha copper metal) showed the same result as copper reference modality (with 8 applications—4.8 kg/ha copper metal).

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