

Scientific Publications, Reports & Documents on **BIOVIN**

Translation of titles of publications, reports and documents originally written in German

STRAUSS J., GORFER M., INSELSBACHER E.: Determination of the effect of BIOVIN on nitrogen use efficiency in microcosm test tubes.

HALBWIRTH H., STICH K., WIRTH G.: Influence of BIOVIN on colour intensity of Dahlia. Innovation promotion, Technical University Vienna.

REGIONAL CHAMBER OF AGRICULTURE VIENNA: The influence of BIOVIN-rock flour on liquid manure application rates in corn cultivation.

STRAUSS J., GORFER M., ECOWORK LAB.: Urea Fertilization: Biological and Biochemical Analysis of Soil (Marchfeld/Austria).

STRAUSS J., GORFER M., ECOWORK LAB.: Chemical, biological and biochemical analysis of peat moss potting substrate (a comparison to composts and BIOVIN).

STRAUSS J., GORFER M., ECOWORK LAB.: Biochemical and microbiological analysis of BIOVIN Compost Tea.

STRAUSS J., ECOWORK LAB.: Reduction of gas emissions in livestock breeding. "Pilot project on odour reduction via biotechnological products". EU project 2003.

DIEPLINGER, SCHNEIDER: Report on combined fertilization with BIOVIN in rapeseed cultivation for reduced nitrogen input. Upper Austria 2003.

PREY Th.: Influence of BIOVIN on humus formation. Technical University.

INSAM H.; Institute for Microbiology at the Leopold-Franzens-University Innsbruck: The influence of BIOVIN on nitrogen leaching and soil microbial parameters in microcosms. Innsbruck 1993.

PREY Th., ATHANASIOS M.: *Diploma Thesis*, Influence of organic fertilization on growth and yield of corn. University of Vienna.

GAWISH G.: *PhD-Thesis*: The influence of BIOVIN application on essential soil parameters. University of Vienna.

BOOS R.: *PhD-Thesis*: Field tests with spring barley on the effects of BIOVIN application. University of Vienna.

PREY Th., THEODOULIDES Th.: *PhD-Thesis*: The influence of nitrogen fertilization on quality features of sugar beet. University of Vienna.

CABELA E.: Austrian Research Centre Seibersdorf: International Workshop on mycorrhizal research.

BOHUCEK H.: *PhD-Thesis*: Influence of individual fractions of humified grape marc (BIOVIN) on the growth of poplar cuttings. University of Vienna.

CHEN T.: *Diploma Thesis*: Studies on natural disease resistance in *Phaseolus vulgaris*. University of Vienna.

HÜBNER Ch.: *PhD-Thesis*: Investigations on the biogeochemical nitrogen cycle in soils fertilized with BIOVIN. University of Vienna.

CABELA E.: Informational Colloquium "Usage of Pomace". Austrian Research Centre Seibersdorf.

MAURER, HARTL, BRANTL.: Research contract Austrian Federal Ministry for Science and Research on the use of BIOVIN in organic farming.

BUDDE K.: Institute for Plant Pathology, University Bonn: Influence of BIOVIN on powdery mildew (*Erysiphe graminis*) infestation on barley.

STREICHSBIER F.: *PhD-Thesis*: Investigations on growth inhibition of a phytopathogenic *Fusarium* strain. University of Vienna.

PREY Th., MADER R., WURST F.: Biochemical resistance factors in *Vitis vinifera* as a factor on the composition of the soil organic matter. University of Vienna.

PREY Th.: Research Results on the Effect of BIOVIN Liquid Combined with Wettable Sulphur for suppression of Powdery Mildew. University of Vienna.

Austrian Federal Ministry for Science and Research: Compositional changes during the rotting process of grape marc. University of Vienna.

GÖBL F.: Subalpine Forest Research Station Innsbruck, Austrian Research Centre for Forests: Usefulness of grape marc compost BIOVIN for cultivation of mycorrhiza fungi and forest plants. Austrian Research Centre for Forests Vienna: Annual Report 1985, 1986.

GRAEFE G.: Report to the Austrian Federal Ministry for Science and Research: GZ 36.038/3-23/86 Recommendations for the remediation of contaminated forest and agricultural soil.

Institute of Applied Botany, Technical Microscopy and Organic Resources, Technical University Vienna: Expert opinion on field tests for phenol degradation in contaminated soil.

GRAEFE G. 1979: Energy from grape marc – economical reuse of a waste-product in a recycling process. Study on behalf of the Austrian Federal Ministry for Science and Research.

GRAEFE G.: Fertilizer and energy from grape marc. Study on behalf of the Austrian Federal Ministry for Science and Research.

BIOENERGY-CONVERTER VILAFRANCA. Final Report of a Spanish-Austrian Joint Research Program. Austrian Federal Ministry for Science and Research.

CABELA E.: The Spanish-Austrian Joint Research Project "Utilization of Grape Marc". Austrian Research Centre Seibersdorf Report 4152. Barcelona/Madrid.

RÖHR M., STREICHBIER F., MESSNER K., WESSELY M.: Final Report for the Research Project: "The microbial flora during the humification of grape marc" to the Austrian Federal Ministry for Science and Research. University of Vienna.

WESSELY M.: *PhD-Thesis*: Methodological investigations on taxonomy and ecophysiology of actinomycetes during composting of grape marc. University of Vienna.

STREICHBIER F., MESSNER K., WESSELY M., RÖHR M. 1982: The Microbiological Aspects of Grape Marc Humification. *Europ. J. Appl. Microbiol. Biotechnol.* 14:182-186.

MESSNER K.: The Microbiological Aspects of Grape Marc Humification. Austrian Research Centre Seibersdorf Report 4149.

HEMERKA C.F.: *PhD-Thesis*: Kinematographic studies of microbial growth processes and nutrient turn-over. University of Vienna.

HEMERKA C.F., MESSNER K.: Film C 1801. Microbial turn-over of grape marc. 30 minutes, colour, German, English and Spanish commentary.

GRAEFE G., HEMERKA C.F., MESSNER K., RÖHR M.: Final Report for the Research Project: "Investigations on the ontogenesis and spreading of thermophilic fungi by kinematographic methods and studies on their ecological relevance for the grape marc humification" to the Austrian Federal Ministry for Science and Research.

PREY Th.: Chemical composition of the "ester zone" and potential reasons for their formation. In: Informational Colloquium "Usage of Pomace". Austrian Research Centre Seibersdorf Report 4149.

HORTICULTURAL COLLEGE AND RESEARCH INSTITUTE VIENNA SCHÖNBRUNN (HÖHERE BUNDESLEHR-UND VERSUCHSANSTALT FÜR GARTENBAU WIEN-SCHÖNBRUNN) Experimental results Issue 15, Issue 16, Issue 17.

GRAEFE G.: Final Report for the Research Project: "Investigations on Increased Pathogen Resistance due to Application of Organic Fertilizer" to the Austrian Federal Ministry for Science and Research.

GRAEFE G.: Chemical and physical features of grape marc and the technology of humification. Austrian Federal Ministry for Science and Research

GRAEFE G.: Water heating by rotting processes. Austrian Research Centre Seibersdorf Report 4149.

TUSCHL P.: Utilization of heat produced during rotting processes for water heating. Austrian Research Centre Seibersdorf Report 4149.

AUER H., PICHER O. 1981: Investigations on the influence of shredded grape seeds on intestinal parasites in human faeces. *Mitteilung Österr. Gesellschaft für Tropenmedizin* 3: 59-64. (Communications of the Austrian Society for Tropical Medicine; Link: http://www.landesmuseum.at/pdf_frei_remote/MOGTP_3_0059-0064.pdf)

DENIZ E.: Shredded grape seeds for sanitation of faeces – experimental applications in Turkey. Oral presentation at the Joint Symposium of the German, Austrian and Swiss Societies for Tropical medicine and Parasitology in Garmisch-Partenkirchen, April 1983.

GRAEFE G.: Ways and means for the improvement of composting toilets.

DIBON H. 1982: Fast composting with BIOVIN, Austrian Research Centre Seibersdorf Report 4149.

BANCHER E.: Final Report for the Research Project: "Investigations on organic substances in humified grape marc and their impact on plants" to the Austrian Federal Ministry for Science and Research.

ORTHOFFER R.: *PhD-Thesis*: Phenolic substances in humified grape marc and their physiological significance in viticulture. University of Vienna

GRAEFE G.: Final Report for the Research Project: "Study on optimally closed elemental cycles by the use of heat, carbon monoxide and vapour from microbial degradation of grape marc for a greenhouse during winter" to the Austrian Federal Ministry for Science and Research.

DANEK-JEZIK, K. 1982: Praxis-oriented usage of grape marc products in agriculture and horticulture. Austrian Research Centre Seibersdorf Report 4149.

TUSCHL P.: Micro-climatic and gas-analytical measurements during usage of humified grape marc for climate control in plastic tunnels for vegetable production. SGAE-Report.: A0092, A0221.

TUSCHL P.: Thermal conditioning of plastic tunnels with composting shredded grape seeds. Informational Colloquium "Usage of Pomace". Austrian Research Centre Seibersdorf Report 4149.

BRENNER K.: Report on a multi-year application of grape marc for a plastic tunnel with young palm trees during the winter.

GRAEFE G., AUER H., ASPÖCK H., PICHER O., KLENNER M.: Final Report for the Research Project: "Studies on the effect of shredded grape seeds on the elimination of pathogens" to the Austrian Federal Ministry for Science and Research.

GRAEFE G. 1981: Shredded grape seeds as a basis for composting toilets. Mitteilung Österr. Ges. für Tropenmedizin. 3: 55-58 (Communications of the Austrian Society for Tropical Medicine; Link: http://www.landesmuseum.at/pdf_frei_remote/MOGTP_3_0055-0058.pdf)

ORTHOFFER R.: Phenolic substances in grapes and grape marc. Informational Colloquium "Usage of Pomace". Austrian Research Centre Seibersdorf Report 4149.

WURST F.: Pathogen resistance and phenolic compounds in plants. Informational Colloquium "Usage of Pomace". Austrian Research Centre Seibersdorf Report 4149.

ORTHOFFER R., PREY Th., WURST F., BANCHER E.: Influence of high humus content in soil on polyphenol content in leaves of *Vitis vinifera*. Jubilee Conference of the German Botanical Society, Freiburg/Breisgau.

MADER R.: *Diploma Thesis* (unpublished): Studies on uptake of phenolic carboxylic acids by plant roots. Institute of Applied Botany, University of Vienna

PERAUER R.: *Diploma Thesis* (unpublished): Quantitative and qualitative determination of hydroxycinnamic and hydroxybenzoic acids in grapes with polyamide thin-layer chromatography.

GRAEFE G.: Final Report for the Research Project: "Studies on alternatives to chemical control of parasites of humans, animals and plants" to the Austrian Federal Ministry for Science and Research.

DANNEBERG O.H.: Investigation on humus quality of products resulting from composting of grape marc. SGAE-Report: A0092.

ZVARA J.: Pot culture experiments on the efficacy of grape marc compost in plant production. SGAE-Report: A0092.

DANNEBERG O.H.: Investigations on humus quality of composts. SGAE-Report: A0159.

ZVARA J., DANNEBERG O.H.: Testing of fertilization and growth promotion effects of grape marc in pot culture and microcosm experiments.