SEBASTIAN SOPPELSA

CURRICULUM VITAE

updated on 31/03/25

FOREIGN LANGUAGE SKILLS

europass

ENGLISH GOOD	B1	B2	B2	B2	C1
GERMAN EXCELLENT	C1	C1	C1	C1	C1
ITALIAN EXCELLENT	C2	C2	C2	C2	C2

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes** /

WORK EXPERIENCES

Research assistart
LAIMBURG RESEARCH CENTRE
Agriculture, forestry, fisheries, hunting
VADENA/PFATTEN - ORA/AUER (BZ) (BZ)
05/2023 - present

Main activities and responsibilities: Scientific support and coordination of strawberry breeding programme (project in collaboration with the Council for Agricultural Research and Economics_CREA-FRF).
Planning and coordination of research activities in strawberry cultivation such as cultivar comparison tests and some agronomical trials.
Acquired skills and achieved objectives: Consolidatation of knowledge and acquisition of new skills in the field of soft fruits. Presentation of my research results to the international scientific community.
| Company sector: R&D and patents

Research assistant
LAIMBURG RESEARCH CENTRE
Agriculture, forestry, fisheries, hunting
VADENA/PFATTEN - ORA/AUER (BZ)
02/2019 - 02/2023

Main activities and responsibilities: Scientific support and coordination of strawberry breeding programme (project in collaboration with the Council for Agricultural Research and Economics_CREA-FRF).
Planning and coordination of research activities in strawberry cultivation such as cultivar comparison tests and some agronomical trials.
Acquired skills and achieved objectives: Consolidatation of knowledge and acquisition of new skills in the field of soft fruits. Presentation of my research results to the international scientific community.
| Company sector: R&D and patents

Undergraduate Internship
COOPERATIVA SANT'ORSOLA
Agriculture, forestry, fisheries, hunting
PERGINE (TN)
05/2012 - 09/2012

Main activities and responsibilities: Assessment of plant performance in field and greenhouse conditions. Analysis of water, soil and fruit quality.
Acquired skills and achieved objectives: This internship provided me with skills and practical experience. Cultivation and laboratory techniques were learned under the experienced and highly qualified supervisors.
Employed as: intern/trainee - undergraduate internship | Company sector: R&D and patents

ACADEMIC STUDIES

PH.D.
2015 - 2019
CERTIFIED TITLE

Libera Università di BOLZANO
Facoltà di Scienze e Tecnologie
Mountain Environment and Agriculture
PhD cycle: 31

Dissertation/thesis title: The use of natural substances to improve fruit crop performances, quality and tolerance towards stress conditions | Dissertation/thesis subject: Fruit growing_Organic farming | Thesis supervisor: Carlo Andreotti | Dissertation/thesis keywords: Biostimulants, resistance inducers, biopesticides, apple, strawberry, fruit quality

Age at graduation: 29 | Official duration: 3 years
Final mark (alphabetic): Idoneo | List of alphabetic marks: Non Idoneo|Idoneo
Graduation date: 06/06/2019

MASTER'S DEGREE

Università degli Studi di UDINE

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2012 - 2015
CERTIFIED TITLE

UNIVERSITÀ DEGLI STUDI DI UDINE
hic sunt futura

Dipartimento di Scienze Agrarie ed Ambientali
Agricultural Sciences and Technologies
LM-69 - 2nd level degree in Agriculture

Dissertation/thesis title: Effect of foliar sprays containing calcium, silicon and seaweed extracts on the yield and fruit quality of apple cv. Jonathan, trying to limit the incidence of physiological disorder 'Jonathan spot' | Dissertation/thesis subject: Fruit growing_Organic farming | Thesis supervisor: TESTOLIN RAFFAELE | Dissertation/thesis keywords: Apple physiological disorders, post-harvest, fruit quality, foliar treatment, rootstocks

Age at graduation: 25 | Official duration: 2 years
Final degree mark: **110/110 cum laude**
Graduation date: 07/07/2015

BACHELOR'S DEGREE
2008 - 2012
CERTIFIED TITLE

unibz Free University Bozen — Libera Università di Bolzano — Universität Freie de Bulsan

Libera Università di BOLZANO
Facoltà di Scienze e Tecnologie
Agricultural Science and Agricultural Economics
20 - Class of first level degree in Agriculture, Food Industry and Forestry

Dissertation/thesis title: La coltura del lampone fuori suolo: effetti di diverse soluzioni nutritive sullo sviluppo vegeto-produttivo della pianta e sulla qualitá dei frutti | Dissertation/thesis subject: Fruit growing | Thesis supervisor: CARLO ANDREOTTI | Dissertation/thesis keywords: Raspberry, soilless, fertilization, fertirrigation, fruit quality, polyphenols

Age at graduation: 22 | Official duration: 3 years
Final degree mark: **100/110**
Graduation date: 09/10/2012

TECHNICAL CERTIFICATE
SAN MICHELE ALL'ADIGE
2008

Agricultural Vocational School
ISTITUTO TECNICO AGRARIO , SAN MICHELE ALL'ADIGE (TN)
Kind of secondary school diploma: Italian secondary school diploma

FOREIGN LANGUAGE SKILLS

German ÖSD Zertifikat C1, Österreichische Sprachdiplom Deutsch (ÖSD), 22 Mar 2022 , **Europass level C1**

INFORMATION TECHNOLOGY SKILLS

OFFICE AUTOMATION — **Office Suite:** (Highly Specialised) | **Spreadsheets:** (Highly Specialised) | **Web Browser:** (Advanced) | **Word Processors:** (Highly Specialised)

APPLICATION SOFTWARE — **CAD - Assisted Design:** (Foundation)

COMPUTER PROGRAMMING — **Programming languages:** (Foundation)

SYSTEMS AND NETWORKS MANAGEMENT — **Network architecture:** (Foundation) | **Operating systems:** (Advanced)

DATA MANAGEMENT — **DBMS:** (Intermediate)

GRAPHICS AND MULTIMEDIA — (Advanced)

STUDIES AND EXPERIENCES ABROAD

BELGIUM
2018

Other experience acknowledged by the course of study (Period Abroad)
At: Proefcentrum Fruitteelt - pcfruit
Place: **Sint-Truiden (Belgium)** | Language: English | Duration: 4

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(months)
The purpose of the research activities was the learning of the most updated techniques in the area of mycology and bacteriology.

NETHERLANDS
2016

Other experience acknowledged by the course of study (Summer School Greenhouse Horticulture)
Place: **Wageningen (Netherlands)** | Language: English | Duration: 1 (months)
After a general introduction on Greenhouse Horticulture and a cursory review of important topics, the partecipants explored crop, climate and root zone management in more detail, in a varied and attractive mix of lectures, practical case work, company visits and seminars by relevant actors and experts.

PROFESSIONAL ACCOLADES AND AWARDS

PRIZE
05/05/2021

ISHS Young Minds Award
Award for the best poster presented by a junior scientist during the IX International Strawberry Symposium.

CONFERENCES AND SEMINARS

WORKSHOPS
13/11/2024

Erdbeeranbau aus Sicht der Forschung. , Bioland Südtirol. , Lana (Italy)
Oral presentation
www.bioland-italia.it/it/

CONVENTIONS
12/11/2024

38th EFFoST International Conference 2024 , KU Leuven and Ghent University , Bruges (Belgium)
Poster contribution titled: Valorizing Dried Strawberries Using Instant Controlled Pressure Drop Technology.
www.effost.org/effost+international+conference/p...

CONVENTIONS
11/09/2024

22nd World Congress of Food Science and Technology , AIM Italy , Rimini (Italy)
Poster contribution titled: Drying Hardy Kiwis Through Instant Controlled Pressure Drop.
iufost2024-italy.com/

CONVENTIONS
24/08/2024

13th International Vaccinium Symposium. , Dalhousie University , Halifax, Nova Scotia and Charlottetown, Prince Edward Island (Canada)
Poster contribution titled: Blueberry variety field collection located in South Tyrol (Northern Italy) with an approach to climate change effects.
www.ishs.org/symposium/772

CONVENTIONS
20/06/2024

II Convegno Nazionale Orticoltura e Floricoltura , Università degli Studi di Padova , Padova (Italy)
Poster contribution titled: Consociazione erbe officinali-fragola: 2 anni di sperimentazione per una diversificazione sostenibile delle produzioni agricole.
www.soihs.it/ortofloro2024/default.aspx

CONVENTIONS
20/06/2024

II Convegno Nazionale Orticoltura e Floricoltura , Università degli Studi di Padova , Padova (Italy)
Poster contribution titled: Biofumigazione con crusca di riso nella fragolicoltura montana.
www.soihs.it/ortofloro2024/default.aspx

CONVENTIONS
12/05/2024

V European Horticulture Congress (EHC 2024) , University of Agriculture and Veterinary Medicine of Bucharest; The Romanian Society of Horticulturists , Bucarest (Romania)
Poster contribution titled: Comparison of field performance and fruit quality of 5 European june-bearing strawberry cultivars under alpine growing environment (South Tyrol, Italy).
ehc.usamv.ro/

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CONVENTIONS
21/02/2024

21st International Conference on Organic Fruit Growing , Fördergemeinschaft Ökologischer Obstbau e.V. , Filderstadt (Baden-Württemberg, Germany)
Poster contribution titled: Rice bran as non chemical soil fumigant for organic strawberry cultivation.
www.ecofruit.net/

CONFERENCES
21/02/2024

V Biostimolanti Conference , Fruit Communication S.r.l. e ARPTRA , Bologna (Italy)
Oral contribution titled: Biostimolanti in melicoltura: Alcuni casi studio.
biostimolanticonference.com/

CONVENTIONS
21/06/2023

XIV Giornate scientifiche SOI (Italian Society of Horticultural Science) , Università degli Studi di Torino, Dipartimento di Scienze Agrarie, Forestali e Alimentari , Torino (Italy)
Poster contribution titled: Consociazione fragola-erbe aromatiche/officinali: uno studio di 2 anni per una diversificazione sostenibile delle produzioni agricole.
www.gssoi2023.it/

CONVENTIONS
17/03/2023

9° Giornata tecnica dei piccoli frutti , Fondazione Edmund Mach (FEM) , San Michele all'Adige, Trento (Italy)
Oral presentation titled: Attività di ricerca in fragolicoltura presso il Centro di Sperimentazione Laimburg.
www.fmach.it/Comunicazione/Ufficio-stampa/Com...

CONVENTIONS
03/02/2023

1. Beerenobstbautagung , Beratungsring Berglandwirtschaft (BRING), Versuchszentrum Laimburg , Bolzano (Italy)
Oral presentation titled: Faktoren die einen erfolgreichen Erdbeeranbau beeinflussen: Die Pflanzdichte.

CONVENTIONS
21/09/2022

4th International Strawberry Congress , Hoogstraten cooperative in collaboration with Research Centre Hoogstraten, VBT and VCBT , Antwerp (Belgium)
Poster contribution titled: Strawberry herb intercropping: A 2 year study towards sustainable diversification.
www.iscbelgium.com/

CONFERENCES
03/03/2022

III Biostimolanti Conference , Fruit Communication , Bari (Italy)
Oral presentation titled: Biostimolanti in melicoltura: alcuni casi studio.
www.biostimolanticonference.com/

CONVENTIONS
08/11/2021

I International Symposium on Reproductive Biology of Fruit Tree Species , National Research Institute for Agriculture, Food and Environment (INRAE) , Montpellier (France)
Poster contribution titled: Effects of plant type on three strawberry cultivars in Martell Valley (South Tyrol, Italy).
symposium.inrae.fr/reproductive-biologyfruittree/

CONVENTIONS
22/06/2021

XIII Giornate Scientifiche SOI (Italian Society of Horticultural Science) , University of Catania , Catania (Italy)
Poster contribution titled: Strawberry-herb intercropping: First experience towards sustainable intensification and diversification.
Poster contribution titled: Comparison of three strawberry production systems under alpine growing conditions (South Tyrol, Italy).
Poster contribution titled: Effects of selected biostimulants on yield and quality of strawberry plants growing under water limitation.
www.edagricole.it/soi2021/

CONVENTIONS
01/05/2021

IX International Strawberry Symposium , Marche Polytechnic University and Council for Agric. Research & Economics , Rimini (Italy)
Poster contribution titled: Optimizing plant density in strawberry cultivation in Martell Valley (South Tyrol, Italy).
Poster contribution titled: The use of amino acids and orthosilicic acid to improve Zn nutritional status of strawberry plants.
www.iss2021.com/

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CONVENTIONS
26/03/2021

VII International Symposium on Biocidal and Non-Biocidal Plants to improve Soil Health , Agroscope , Virtual Event
Oral presentation titled: Eco-friendly alternatives against soil-borne diseases in strawberry cultivation in Martell Valley (South Tyrol, Italy).
www.agroscope.admin.ch/

CONVENTIONS
06/02/2021

34. Stein und Beerenobstbautagung , Beratungsring Berglandwirtschaft (BRING), Südtiroler Beratungsring, Versuchszentrum Laimburg , Terlan (Bozen)
Oral presentation titled: Neue Ansätze für einen nachhaltigen Erdbeeranbau.

WORKSHOPS
27/11/2020

Strawberry cultivation, the current research in South Tyrol , Research Centre Laimburg , Laimburg (Bolzano)
Oral presentation: Strawberry cultivation still contributes to the growth of the local economy by offering an opportunity for territorial enhancement. As this is a constantly evolving sector, constant research is required.
Curatorship: Sopplesa, S.

CONVENTIONS
19/02/2020

19th International Conference on Organic Fruit-Growing , University of Hohenheim , Hohenheim (Germany)
Poster contribution titled: Improving Zn nutritional status using amino acids and orthosilicic acid in strawberry plants.

CONVENTIONS
14/02/2020

33. Stein und Beerenobstbautagung , Beratungsring Berglandwirtschaft (BRING) , Terlan (Bozen)
Oral presentation titled: Beerenobstsortiment in Südtirol. Ein Überblick über die Erdbeer Sorten in Südtirol. Traditionelle Sorten vs. Sortenneuheiten.

CONVENTIONS
25/06/2019

ISHS XII International Rubus & Ribes Symposium , Agroscope , Zürich (Switzerland)
www.agroscope.admin.ch/

CONFERENCES
12/11/2018

European Conference on Blueberry , Fondazione Edmund Mach (FEM), Consorzio Innovazione Frutta (C.I.F. Trentino) and Sant'Orsola , Trento (Italy)

WORKSHOPS
09/08/2018

Versuchsvorstellung Biologischer Obst- und Weinbau 2018 - Giornata Tecnica Biologica 2018 , Fondazione Edmund Mach, Versuchszentrum Laimburg , San Michele all'Adige (Trento), Laimburg (Bolzano/Bozen)
Oral presentation titled: Einfluss den Biostimulanzien auf das Wachstum und Qualität den Äpfeln - Prova sperimentale con biostimolanti su melo.

CONVENTIONS
19/06/2018

XII Giornate Scientifiche SOI (Italian Society of Horticultural Science) , Alma Master Studiorum - University of Bologna , Bologna (Italy)
Poster contribution titled: Resistance inducers: a tool for controlling powdery mildew infection in strawberry plants.

CONVENTIONS
19/02/2018

18th International Conference on Organic Fruit Growing , University of Hohenheim , Hohenheim (Germany)
Poster and oral contribution titled: Foliar applications of different plant biostimulants promote growth and fruit quality of strawberry plants grown under nutritional limitation.

CONVENTIONS
28/09/2017

Convegno Postraccolta 2017 , Scuola Superiore Sant'Anna di Pisa , Pisa (Italy)

CONVENTIONS
27/06/2017

ISHS VIII Symposium on Mineral Nutrition of Fruit Crops , Free University of Bolzano/Bozen (Italy), Italian Society of Horticultural Science (SOI) , Bolzano-Bozen (Italy)
Poster contribution titled: The effect of zinc, silicon and amino acids foliar sprays on fruit quality attributes of organic Jonathan apples cultivated in South Tirol (Italy).

CONVENTIONS
14/09/2016

XI Giornate Scientifiche SOI (Italian Society of Horticultural Science) , Free University of Bolzano/Bozen , Bolzano/Bozen (Italy)
Poster contribution titled: Effetto della concimazione fogliare con prodotti biostimolanti (silicio e alghe) sulla qualità dei frutti di

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melo cv. Jonathan.

CONVENTIONS
25/06/2013

X Giornate Scientifiche SOI (Italian Society of Horticultural Science) , Campus di Agripolis - Università di Padova , Padova, Italia
Poster contribution titled: Effetti di apporti fertirrigui differenziati sul comportamento vegeto-riproduttivo e qualità di lamponi in fuori suolo.

PUBLICATIONS

JOURNAL ARTICLES
2024

Soppelsa S., Cellini A., Donati I., Buriani G., Spinelli F., Andreotti C., Green alternatives for the control of fungal diseases in strawberry: In-field optimization of the use of elicitors, botanical extracts and essential oils.
Review: Horticulturae
Publisher: MDPI
Finding safe and reliable alternatives to fungicides is currently one of the biggest challenges in agriculture. In this regard, this experiment investigated the effectiveness of different elicitors, botanical extracts and essential oils to control grey mold (Botrytis cinerea) and powdery mildew (Podosphaera aphanis) on strawberry plants.
doi.org/10.3390/horticulturae10101044

ABSTRACT/REPLY/COMMENTS
2024

Zago M., Soppelsa S., Gasser M., Erdbeersorten vorgestellt
Review: Südtiroler Landwirt 78 (13), 43.
Publisher: Südtiroler Bauernbund
www.sbb.it/it/landwirt

JOURNAL ARTICLES
2024

Bianchi F., Martini Lösch D., Marchetti G. M., Zoli F., Arbore A., Soppelsa S., Gasser M., Zago M., Vanzo E. M., Venir E., Qualità di conserve di lamponi ottenute da diverse varietà.
Review: Laimburg Journal
Publisher: Research Centre Laimburg
doi.org/10.23796/LJ/2024.012

JOURNAL ARTICLES
2024

Soppelsa S., Gasser M., Zago M., Reiskleie zur Bekämpfung von bodenbürtigen Schaderregern im Erdbeeranbau.
Review: Obstbau Weinbau - Fachmagazin des Südtiroler Beratungsringes 61 (5), 28-31.
Publisher: Südtiroler Beratungsring
www.obstbauweinbau.info/obstbauweinbau/startp...

JOURNAL ARTICLES
2024

Soppelsa, S., Gasser, M., Zago, M., Martinatti, P., Pantezzi, T., Carli, C., Giordano, R., La fragolicoltura in ambiente montano conquista nuovi spazi.
Review: Rivista di Frutticoltura e Ortofloricoltura, n° 3
Publisher: Edagricole. New Business Media Srl
rivistafrutticoltura.edagricole.it/

ABSTRACT/REPLY/COMMENTS
2024

Soppelsa S., Gasser M., Zago M., Bodenmüdigkeit im Erdbeeranbau
Review: Südtiroler Landwirt 78 (6), 48-49.
Publisher: Südtiroler Bauernbund
www.sbb.it/it/landwirt

CONFERENCE PROCEEDINGS
2024

Telfser J., Casera C., Soppelsa S., Kelderer M., Application of acid clay against sooty blotch in organic apple cul- tivation in South Tyrol.
Collection: Proceedings of the 21st International Conference on Organic Fruit-Growing
Organization: Fördergemeinschaft Ökologischer Obstbau e.V.
In recent years, losses due to sooty mold fungi have increased massively in organic apple cultivation in South Tyrol. Until now, there was no large-scale practicable known way of regulating them in the field.
www.ecofruit.net/

CONFERENCE PROCEEDINGS
2024

Soppelsa S., Gasser M., Zago M., Kelderer M., Rice bran as non-chemical soil fumigant for organic strawberry cultivation.
Collection: Proceedings of the 21st International Conference on

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Organic Fruit-Growing
Organization: Fördergemeinschaft Ökologischer Obstbau e.V.
Promising results came from ASD-RB which had similar effects to the chemical fumigant, in terms of reducing plant mortality during the double cropping cycle (-12% as compared to untreated plants).
www.ecofruit.net/

JOURNAL ARTICLES
2024

Soppelsa S., Kelderer M., Biostimolanti in Melicoltura: Alcuni Casi Studio.
Review: Fruit Journal 8 (1), 26-31.
Publisher: Fruit Communication Srl
www.fruitjournal.com/2024/02/13/fruit-journal-n-1-2…

ABSTRACT/REPLY/COMMENTS
2023

Soppelsa S., Gasser M., Der Blütenstecher im Erdbeeranbau
Review: Südtiroler Landwirt 77 (12), 45-46.
Publisher: Südtiroler Bauernbund
Der Erdbeerblütenstecher stellt ein ernst zu nehmendes Problem im Erdbeeranbau dar. Da es keine zugelassenen Insektizide gegen den Schädling gibt, muss die Abwehrstrategie alternative Wege gehen: Das Versuchszentrum Laimburg und die Fondazione Edmund Mach ist gemeinsam dem Insekt auf der Spur.
www.sbb.it/it/landwirt

ABSTRACT/REPLY/COMMENTS
2023

Soppelsa S., Gasser M., Zago M., Nützlinge gegen Thripse
Review: Südtiroler Landwirt 77 (16), 66.
Publisher: Südtiroler Bauernbund
Das Versuchszentrum Laimburg hat erste Erfahrungen mit der Freisetzung von Orius laevigatus gegen Thripse im Erdbeeranbau gesammelt: Die Raubwanze könnte demnach die Schädlinge erheblich dezimieren.
www.sbb.it/it/landwirt

JOURNAL ARTICLES
2023

Soppelsa S., Gasser M., Zago M., Optimizing planting density in alpine mountain strawberry cultivation in Martell Valley, Italy
Review: Agronomy
Publisher: MDPI
The aim of this two-year study was to investigate how planting density can induce variations in plant growth and yield performances in an alpine mountain strawberry cultivation (Martell Valley, South Tyrol, Italy), and consequently quantify the farm profit.
doi.org/10.3390/agronomy13051422

JOURNAL ARTICLES
2023

Soppelsa S., Van Hemelrijck W., Bylemans D., Andreotti C., Essential oils and chitosan applications to protect apples against postharvest diseases and to extend shelf life
Review: Agronomy
Publisher: MDPI
Apple fruits are susceptible to pathogenic fungi such as Botrytis cinerea and Penicillium expansum which are responsible for significant pre- and postharvest fruit losses. The antifungal activity of thyme, clove, anise, camphor, and juniper essential oils (EOs) was evaluated with in vitro tests and the minimum inhibitory concentration (MIC) was determined.
doi.org/10.3390/agronomy13030822

JOURNAL ARTICLES
2022

Manici L. M., Caputo F., Soppelsa S., Kelderer M., Ceotto E., Impatto dei digestati da produzione di biogas sulla fertilità biologica e sanità dei suoli agrari
Review: Terra e Vita 63 (36), 52-53.
Publisher: New Business Media Srl

JOURNAL ARTICLES
2022

Soppelsa, S., Gasser, M., La coltivazione del mirtillo in Valtellina. Potenzialità della coltura anche in Alto Adige
Review: Frutta e Vite - Fachmagazin des Südtiroler Beratungsringes
Publisher: Südtiroler Beratungsring
Lo spunto per questo articolo nasce da un viaggio-studio in Valtellina. Nell'arco di 10 anni, il consumo mondiale di mirtillo è raddoppiato, con tendenza continua all'aumento. Il gruppo di lavoro "Drupacee e piccoli frutti" del Centro di Sperimentazione Laimburg ha inoltre dato avvio ad un progetto dedicato proprio al

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mirtillo.
www.obstbauweinbau.info/obstbauweinbau/startp...

JOURNAL ARTICLES
2022

Soppelsa, S., Gasser, M., Heidelbeeranbau mit Potenzial
Review: Obstbau Weinbau - Fachmagazin des Südtiroler Beratungsringes 59 (5), 32-38
Publisher: Südtiroler Beratungsring
Anstoß zu diesem Artikel gab eine Lehrfahrt ins Veltlin, über die wir gesondert berichten. Der Heidelbeerkonsum hat sich weltweit in weniger als 10 Jahren verdoppelt und steigt weiter. Auch das war ein Grund dafür, dass die Arbeitsgruppe „Stein- und Beerenobst" am Versuchszentrum Laimburg ein Heidelbeerprojekt gestartet hat.
www.obstbauweinbau.info/obstbauweinbau/startp...

JOURNAL ARTICLES
2022

Andreotti C., Soppelsa S., Carenze nutrizionali e stress idrici più tollerabili con l'impiego di biostimolanti
Review: Rivista di Frutticoltura e di Ortofloricoltura 86 (2), 56-59
Publisher: Edagricole. New Business Media Srl
L'impiego dei biostimolanti per aumentare la tolleranza dei sistemi arborei produttivi nei confronti di stress abiotici riconducibili al fenomeno del cambiamento climatico.
rivistafrutticoltura.edagricole.it/

ABSTRACT/REPLY/COMMENTS
2021

Soppelsa, S., Gasser, M., Zago, M., Nachhaltiger Erdbeeranbau
Review: Südtiroler Landwirt 75 (7), 50-51.
Publisher: Südtiroler Bauernbund
Die Südtiroler Landwirtschaft bemüht sich schon seit einigen Jahren verstärkt in eine ökologisch nachhaltige Richtung zu bewegen. In diesem Sinne wurden im Jahr 2020 einige Versuche von der Arbeitsgruppe Beeren- und Steinobst des Versuchszentrums Laimburg im Bereich Erdbeeranbau durchgeführt. Als Versuchsstandort wurde das Martelltal (Gand, 1300 m.ü.M.) ausgewählt.
www.sbb.it/it/landwirt

JOURNAL ARTICLES
2021

Soppelsa, S., Manici, L. M., Caputo, F., Zago, M., Kelderer, M., Locally available organic waste for counteracting strawberry decline in a mountain specialized cropping area
Review: Sustainability
Publisher: MDPI
Findings suggest that waste-derived biomasses are a promising eco-friendly option for counteracting strawberry yield decline. Their positive impact was mostly linked to functional improvements induced by microbial variations. However, the use of such organic amendment requires careful evaluation of composition, doses and above all application times to reduce phytotoxic effects that in some cases can occur in the first months after application.
doi.org/10.3390/su13073964

JOURNAL ARTICLES
2021

Soppelsa, S., Gasser, M., Pramsohler, M., Castellan, A., Matteazzi, A., Zago, M., Kelderer, M., Consociazione in fragolicoltura: Prima esperienza in Val Martello.
Review: Obstbau Weinbau - Fachmagazin des Südtiroler Beratungsringes 45 (2), 39-43.
Publisher: Südtiroler Beratungsring
La tecnica della consociazione in una fragolicoltura 'eroica' come quella in Val Martello potrebbe rappresentare un'interessante opportunità per un'ulteriore valorizzazione agricola e territoriale.
www.obstbauweinbau.info/obstbauweinbau/startp...

ABSTRACT/REPLY/COMMENTS
2021

Soppelsa, S., Gasser, M., Zago, M., Neue Ansätze der Nachhaltigkeit.
Review: Südtiroler Landwirt 75 (4), 70-71.
Publisher: Südtiroler Bauernbund
Aufgrund der vielen positiven Rückmeldungen von Seiten der Techniker, Genossenschaften, Züchter sowie Baumschüler (nicht nur lokal, sondern auch national und international) in Bezug auf das Versuchsfeld, dachte sich die Arbeitsgruppe Beeren- und Steinobst, das ein Praxistag für Experten treffend wäre. Aus diesem Grund wurde Ende Juli 2020 vom Versuchszentrum Laimburg ein Praxistag organisiert bei den aktuellen Versuchen und Ergebnisse vorgestellt wurden.
www.sbb.it/it/landwirt

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JOURNAL ARTICLES
2021

Soppelsa, S., Gasser, M., Pramsohler, M., Castellan, A., Matteazzi, A., Zago, M., Kelderer, M., Mischkultur im Erdbeeranbau - Erste Erfahrungen im Martelltal.
Review: Obstbau Weinbau - Fachmagazin des Südtiroler Beratungsringes 58 (3), 30-34.
Publisher: Südtiroler Beratungsring
Die Anbautechnik der Mischkultur könnte in einem außergewöhnlichen Erdbeer-Anbaugebiet wie dem im Martelltal eine interessante Möglichkeit sein, dieses gebietsmäßig und landwirtschaftlich aufzuwerten.
www.obstbauweinbau.info/obstbauweinbau/startp…

ABSTRACT/REPLY/COMMENTS
2021

Soppelsa, S., Gasser, M., Tagung für Beerenobstberater.
Review: Südtiroler Landwirt 75 (1), 58.
Publisher: Südtiroler Bauernbund
Vom 5. bis 6. Dezember 2019 fand an der Bildungsstätte Gartenbau in Grünberg (Deutschland) die 20. Bundesarbeitstagung für Fachberater im Beerenobst statt. Dabei wurde über verschiedene Themen diskutiert, wie beispielsweise Versuchsergebnisse zu neuen Pflanzenschutzmitteln, Sorten sowie Anbautechniken im Beerenobstanbau. Nachfolgend die wichtigsten Neuigkeiten.
www.sbb.it/it/landwirt

JOURNAL ARTICLES
2020

Soppelsa, S., Gasser, M., Zago, M., Novità varietali per la fragolicoltura altoatesina.
Review: Laimburg Journal
Publisher: Research Centre Laimburg
Laimburg Research Centre annually conducts variety comparison trials, aimed at renewing the South Tyrolean strawberry variety panorama, which is still linked to the historic Dutch variety Elsanta. During the year 2019, the cvs Limalexia, Roxana, and Sonsation had positively distinguished themselves both in terms of vegetative growth and in terms of yield.
doi.org/10.23796/LJ/2020.009

ABSTRACT/REPLY/COMMENTS
2020

Bianchi, F., Romano, G., Soppelsa, S., Venir, E., Erdbeersorten für die Verarbeitung.
Review: Südtiroler Landwirt 74 (23), 53-55
Publisher: Südtiroler Bauernbund
In Südtirol gibt es etwa 3000 Bauernhöfe (UaB, Direktvermarkter, Bäuerliche Schankbetriebe), die für ihre Gäste und Kunden verschiedene Früchte zu Sirupen und Fruchtaufstrichen verarbeiten. Die für die Verarbeitung geeigneten Sorten sind oft andere als jene, die für den Frischmarkt verwendet werden.
www.sbb.it/it/landwirt

JOURNAL ARTICLES
2020

Soppelsa, S., Biostimulants: the second national workshop held in Piacenza.
Review: Laimburg Journal 02
Publisher: Research Centre Laimburg
On 12 September 2019, the second national workshop on the use of biostimulant products in agriculture was held in Piacenza, at the Catholic University of the Sacred Heart.
journal.laimburg.it/index.php/laimburg-journal

JOURNAL ARTICLES
2020

Soppelsa, S., Gasser, M., Zago, M., Fragolicoltura in Alto Adige, si fanno strada varietà alternative a Elsanta.
Review: Rivista di Frutticoltura e Ortofloricoltura, n° 7 settembre
Publisher: Edagricole. New Business Media Srl
Nel corso dell'annata produttiva 2019 sono state prese in esame diverse varietà unifere di fragola provenienti da breeder nazionali e internazionali.
rivistafrutticoltura.edagricole.it/

JOURNAL ARTICLES
2020

Soppelsa, S., Kelderer, M., Testolin, R., Zanotelli, D., Andreotti, C., Effect of biostimulants on apple quality at harvest and after storage.
Review: Agronomy
Publisher: MDPI
Considering the current lack of knowledge regarding the use of plant biostimulants to increase post-harvest quality of apples, our

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work aimed: (i) to evaluate the effects of calcium chloride applications alone and in combination with a product containing Zn and Si or with a seaweed extract on the yield and fruit quality; (ii) to understand the effect of those treatments on Jonathan spot incidence.
doi.org/10.3390/agronomy10081214

JOURNAL ARTICLES
2020

Basile, B., Rouphael, Y., Colla, G., Soppelsa, S., Andreotti, C., Appraisal of emerging crop management opportunities in fruit trees, grapevines and berry crops facilitated by the application of biostimulants.
Review: Scientia Horticulturae
Publisher: Elsevier
This review provides a complete scientific overview of the available literature on the experimental application and the physiological mechanisms of plant biostimulants on the most relevant fruit crops, including berry crops, grapevine, olive, citrus fruits, pome fruits, stone fruits and other fruit species.
doi.org/10.1016/j.scienta.2020.109330

JOURNAL ARTICLES
2020

Soppelsa, S., Gasser, M., Zago, M., Carli, C., Giordano, R., Martinatti, P., Fragolicoltura montana, diversificazione e conquista dei mercati europei.
Review: Rivista di Frutticoltura e Ortofloricoltura, n°3 aprile
Publisher: Edagricole. New Business Media Srl
Le aree di montagna hanno un ruolo importante nella fragolicoltura nazionale perché in alcuni ambienti possono essere prodotte le fragole in quei periodi 'fuori stagione' che spesso rappresentano un'importante opportunità dal punto di vista commerciale. A seconda delle diverse quote di coltivazione, delle tecniche impiantistiche e, soprattutto, della scelta varietale (unifere o rifiorenti) in Italia si riscontrano diversi areali produttivi di notevole interesse.
rivistafrutticoltura.edagricole.it/

ABSTRACT/REPLY/COMMENTS
2020

Zago, M., Gasser, M., Gatti, G., Soppelsa, S., Klone der 'Vinschger Marille'.
Review: Südtiroler Landwirt, 74 (8), 37-39.
Publisher: Südtiroler Bauernbund
Die 'Vinschger Marille' erfreut sich großer Beliebtheit. Welche Klone der Sorte eignen sich aber am besten für den Anbau? Dieser Frage geht die Arbeitsgruppe Beeren und Steinobst am Versuchszentrums Laimburg auf den Grund.
www.sbb.it/it/landwirt

ABSTRACT/REPLY/COMMENTS
2020

Soppelsa, S., Zago, M., Gasser, M., Rubus & Ribes: Neues bei Beeren.
Review: Südtiroler Landwirt 74 (7), 45-46.
Publisher: Südtiroler Bauernbund
Neue Sorten und Anbautechniken bei Brombeeren, Himbeeren, Johannis- und Stachelbeeren waren Thema bei einer Fachtagung in Zürich. Diskutiert wurden dabei auch neue Strategien im Pflanzenschutz und bei der Nacherntebehandlung.
www.sbb.it/it/landwirt

BOOK CHAPTER
2019

Andreotti, C., Soppelsa, S., Uso dei biostimolanti in frutticoltura.
Book title: Biostimolanti in agricoltura: Presupposti scientifici e applicazioni pratiche.
Publisher: Edagricole
Questo capitolo vuole fornire alcune indicazioni generali inerenti l'uso dei prodotti biostimolanti in frutticoltura. I casi di studio presenti in letteratura che riguardano specie arboree da frutto non sono frequenti, o almeno sono decisamente meno numerosi che per altri comparti come ad esempio quello delle piante orticole o delle colture da pieno campo.
hdl.handle.net/10863/12380

JOURNAL ARTICLES
2019

Soppelsa, S., Some news from the recent XII international 'Rubus&Ribes' symposium.
Review: Laimburg Journal 01
Publisher: Research Centre Laimburg
Some news from the recent XII international 'Rubus&Ribes'

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symposium in Zürich (CH) from 26th to 28th of June, regarding the cultivation of raspberry, blackberry and gooseberry.
journal.laimburg.it/index.php/laimburg-journal

JOURNAL ARTICLES
2019

Soppelsa, S., Kelderer, M., Casera, C., Bassi, M., Robatscher, P., et al., Foliar applications of biostimulants promote growth, yield and fruit quality of strawberry plants grown under nutrient limitation.
Review: Agronomy
Publisher: MDPI
Biostimulants have been found effective in enhancing plant resistance toward stressful conditions. The aim of the present study was to evaluate the efficacy of selected biostimulants to overcome the negative effects of nutrient limitation on the growth performances and on the fruit quality of soilless cultivated strawberry plants.
doi.org/10.3390/agronomy9090483

DOCTORATE THESIS
2019

Soppelsa, S., The use of natural substances to improve fruit crop performances, quality and tolerance towards stress conditions.
Institution: Free University of Bolzano/Bozen (Italy)
The aim of the present thesis was to better understand the role of natural substances (e.g. humic acids, seaweed extracts, plant protein hydrolysates, amino acids, vitamins, microelements, chitosan, essential oils) on (i) plant growth and fruit quality promotion, (ii) defense induction and (iii) antimicrobial activity in apple and strawberry crop.
hdl.handle.net/10863/114

JOURNAL ARTICLES
2018

Soppelsa, S., Kelderer, M., Casera, C., Bassi, M., Robatscher, P., Andreotti, C., Use of biostimulants for organic apple production: effects on tree growth, yield, and fruit quality at harvest and during storage.
Review: Plant Science
Publisher: Frontiers
Some of the selected substances were tested for the first time on apple crop and, to the best of our knowledge, this was the first study where the efficacy of several biostimulants was evaluated simultaneously and during two consecutive growing seasons. In addition, their effect was considered also during the storage period of fruits by measuring the incidence of the main post-harvest physiological disorder of 'Jonathan' apples.
doi.org/10.3389/fpls.2018.01342

CONFERENCE PROCEEDINGS
2018

Soppelsa, S., Kelderer, M., Casera, C., Donati, I., Spinelli, F., Andreotti, C., Resistance inducers: a tool for controlling powdery mildew infection in strawberry plants.
Collection: Acta Italus Hortus, n°23, p.80.
Organization: XII Giornate Scientifiche SOI_Alma Master Studiorum - University of Bologna (Italy)
Substances acting as natural plant elicitors could be used as an alternative to fungicides for the control of powdery mildew in strawberry, therefore representing a valuable tool for the control of fungal diseases under the framework of the organic farming production.
www.soihs.it/acta/it/acta_n_23.aspx

CONFERENCE PROCEEDINGS
2018

Soppelsa, S., Kelderer, M., Casera, C., Andreotti, C., Foliar applications of different plant biostimulants promote growth and fruit quality of strawberry plants grown under nutritional limitation.
Collection: EcoFruit, n°18, pp.207-212.
Organization: 18th International Conference on Organic Fruit Growing_University of Hohenheim (Germany)
This investigation provides a better understanding of how biostimulant applications might help plant growth in a stressful situation such as nutritional limitation and how these products can promote fruit quality.
www.ecofruit.net/proceedings/proceedings-2018/#…

CONFERENCE PROCEEDINGS
2016

Soppelsa, S., Testolin, R., Kelderer, M., Casera, C., Andreotti, C., Effetto della concimazione fogliare con prodotti biostimolanti (silicio e alghe) sulla qualità dei frutti di melo cv. Jonathan.
Collection: Acta Italus Hortus, n°20, p.63.

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Organization: XI Giornate Scientifiche SOI_Free University of Bolzano/Bozen (Italy)
La seguente ricerca si è posta come obiettivo quello di valutare gli effetti indotti da alcuni biostimolanti (silicio, alghe) sui principali parametri qualitativi di mele appartenenti alla cv Jonathan.
www.soihs.it/acta/it/acta_20.aspx

CONFERENCE PROCEEDINGS
2016

Savini, G., Graziano, G., Bertoldi, D., Soppelsa, S., Andreotti, C., Dynamics of nutrient uptake in raspberry plants.
Collection: Acta Horticulturae, n°1117, pp.335-340.
Organization: ISHS II International Berry Fruit Symposium_Brisbane (Australia)
The goal of this work was to evaluate the effects of different mineral nutrient uptake in raspberry soilless cultivation, with the aim to optimize and reduce the use of mineral fertilizers.
doi.org/10.17660/ActaHortic.2016.1117.55

CONFERENCE PROCEEDINGS
2013

Soppelsa, S., Savini, G., Graziano, G., Bertoldi, D., Andreotti, C., Effetti di apporti fertirrigui differenziati sul comportamento vegeto-riproduttivo e sulla qualità di lamponi in coltura fuori suolo.
Collection: Acta Italus Hortus, n°12, p.62.
Organization: X Giornate Scientifiche SOI_Campus di Agripolis - Università di Padova

TEACHING ACTIVITIES

LESSONS/LECTURES
2024

Libera Università di Bozen-Bolzano
Assistente alla didattica
Teaching assistant for the 'Fruit Production' course, Faculty of Science and Technology of the Free University of Bozen-Bolzano

LESSONS/LECTURES
2024

Scuola professionale provinciale per la frutti-viticoltura e il giardinaggio , Laimburg
Docenza
Lesson: Strawberry and small fruit cultivation in a mountain / alpine environment.

LESSONS/LECTURES
2023

Libera Università di Bozen-Bolzano
Assistente alla didattica
Teaching assistant for the 'Fruit Production' course, Faculty of Science and Technology of the Free University of Bozen-Bolzano

LESSONS/LECTURES
2022

Scuola professionale provinciale per la frutti-viticoltura e il giardinaggio , Laimburg
Docenza
Lesson: Strawberry and small fruit cultivation in a mountain / alpine environment.

LESSONS/LECTURES
2022

Libera Università di Bozen-Bolzano
Assistente alla didattica
Teaching assistant for the 'Fruit Production' course, Faculty of Science and Technology of the Free University of Bozen-Bolzano

LESSONS/LECTURES
2021

Scuola professionale provinciale per la frutti-viticoltura e il giardinaggio , Laimburg
Docenza
Lesson: Biostimulants, resistance inducers and biopesticides

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