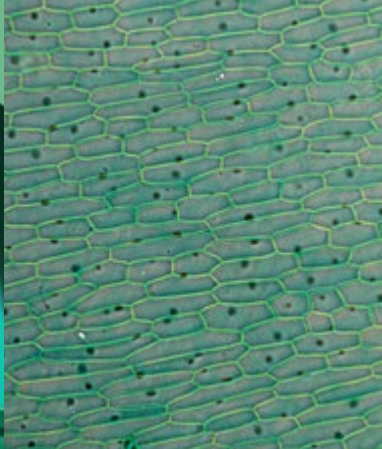
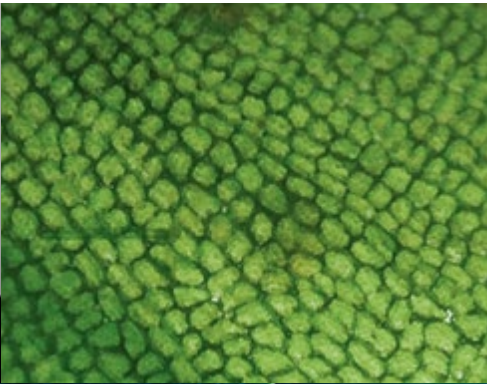


symrise 

Botanicals

THE SCIENCE OF ENGAGING NATURE





BECAUSE *Nature*

IS MORE THAN JUST BEAUTIFUL PROMISES

With great exposure comes great responsibility. This millenium' s increasing desire to connect with nature is growing at accelerated rates. Accordingly, Botanicals have become one of the fastest growing product categories. Consumers preference for nature is driven by the need of safer products from responsible practices.

To answer the complex and multiple dimensionality of brands and consumers' expectations, **Symrise has designed a unique 360° approach to Botanicals – SymBotanics®**. It is the result of over 60 years leading initiatives in the development of plant extracts for food, fragrance and beauty industries. SymBotanics® is a concept beyond just a portfolio of extracts, oils and butters, it's a platform that embraces our intelligence & creative vision.



A close-up photograph of a woman's face, with her right side partially hidden behind a large, vibrant green leaf. She has a soft smile and is looking directly at the camera. Her hand is visible, gently holding the edge of the leaf. The background is a soft-focus green, suggesting a natural, outdoor setting.

SUSTAINABILITY

ADDRESSING *responsible* VALUES

ETHICS OF A LEADER

THE BENEFITS OF ADVANCED AND CERTIFIED PRACTICES AND POLICIES

Since botanicals involve natural resources, traditional knowledge, and global production, the development of sustainable botanicals is imperative. At Symrise, sustainability is one of our core principles. This includes assessing how we can actively contribute to the sustainable development goals (SDGs) of the United Nations (UN) and the Nagoya Protocol.

Symrise assumes responsibility that goes beyond the company itself. The commitment of Symrise resonates within various recognized certifications, standards, awards and memberships: **Symrise is a UEBT* and WBCSD* member and a SBT* member company.** Additionally, Symrise holds a leading position in the **Ethibel Sustainability Index***, as well as being one of the most exemplary companies in Europe, achieving an **EcoVadis platinum Status** and **top CDP* (A list Climate Forests Water) rankings**. Symrise contributes to biodiversity taking part to the **op2b initiative*** and focuses on renewable energy being a member of **RE100 initiative***.

FISC: THE 4 PILLARS OF SYMRISE FOR A SUSTAINABLE APPROACH

FOOTPRINT: We minimize our environmental footprint along the value chain.

INNOVATION: We maximize positive social and environmental impacts of our products.

SOURCING: We maximize the sustainability of our supply chain and raw materials. We care about nature. With different programs we promote backward integration & trustful partnerships.

CARE: We improve wellbeing in our stakeholder communities. We care about people. With different program initiatives such as Madagascar, we support local communities and commit to their health and better quality of life.

*UEBT: Union for Ethical BioTrade

WBCSD: World Business Council for Sustainable Development

SBT: Science Based Targets

Ethibel Sustainability Index Europe

CDP: Carbon Disclosure Project

op2b: One Planet Business for Biodiversity: international cross-sectorial, action-oriented business coalition on biodiversity launched at the United Nations Climate Action Summit in New York on 23 September 2019

RE100: a global corporate leadership initiative bringing together influential businesses committed to 100% renewable electricity



SOURCING & CARE

Committing LOCALLY

THE ROOTS OF EXCELLENCE

THE BENEFITS OF BACKWARD INTEGRATION AND DIRECT INVOLVEMENT

It requires direct local commitment to cultivate and harvest valuable natural raw materials responsibly and sustainably. To achieve this, Symrise favors direct sourcing where and whenever possible, and promotes **ethical work and economic growth**, with high environmental and social standards, efficient production, sustainable raw materials and **the protection of biodiversity**.

These actions mainly rely on the development of fair and sustainable partnerships with local communities. For our customers, it means greater alignment with their own sustainability and quality policies. It is also **the insurance of better raw materials, controlled traceability and increased transparency**.

EXEMPLARY INITIATIVES

Since 2006, Symrise is involved in Madagascar, working closely with farmers and communities to establish supply chains that create shared value for everyone involved. This initiative, originally centered on vanilla production, has expanded to the cultivation and production of other plants such as Tamanu, Opuntia or Ginger.

Discover our backward integration program: a commitment that provides a long term social development with high quality farming while ensuring the protection of local biodiversity.

We care about Nature - People & we believe in sustainable innovation



A detailed microscopic view of a green plant stem or leaf cross-section. The image shows a dense grid of small, rounded cells. Several clear, spherical water droplets are scattered across the surface and within the tissue. The overall color is a vibrant green, with some darker areas where the cells are more tightly packed.

SCIENCE



ELEVATING THE ELEMENT OF

Trust

INDISPUTABLE EXPERTISE

360° SUPPORT BASED ON INTERDISCIPLINARY KNOW-HOW

All of our studies show that consumers expect the best of nature and science. **The botanicals developed by Symrise are the results of broad expertise in: botany, phytochemistry and phytopharmacology.**

We rely on a wide range of extraction technologies – including maceration, steam distillation, supercritical fluid extraction or multisequential extractions – as well as advanced analytical expertise.

Symrise has developed renowned skills in ultra-precise phytochemical analysis along with processes providing a unique background for plant profiling and substantiation of botanicals activities. Each extract is validated for quality and purity.

STATE-OF-THE-ART GLOBAL FACILITIES

With over 60 years of experience in developing and producing botanical extracts, and with a global presence, we have become a leading supplier of botanicals in the cosmetic industry.

We have cutting-edge production sites in Germany, Brazil and Singapore. ISO 9001, 14001 and 50001 certified, our largest and leading production site in Holzminden manufactures batches ranging from 1 kg to 12,000 kg.



MARKET TRENDS

Anticipating

THE NEXT CONVERSATIONS



TREND & ENGAGE

GLOBAL CREATIVE INTELLIGENCE

Botanicals are intimately connected to consumer's emotional aspirations, shifting trends, evolving cultures, and increasing level of awareness. With this being said, there is a tremendous opportunity for the development of new product concepts and innovations.

Symrise **leverages insights from global consumer studies**, helping you **decipher the new and emerging beauty expressions worldwide**, to better engage with consumers.

SYMRISE CONSUMER & MARKET INSIGHTS

By conducting 50,000 interviews in 21 countries around the world periodically, we take the market's pulse and forecast the emerging market trends. Our global ingredient exploration study allows us to address the consumers' perception and engaging the brand new botanicals.



OUR PRODUCTS

DISCOVER THE EXACT NATURE OF

your Needs

HIGH EFFICIENCY CREATION

EXTENSIVE PORTFOLIO AND COLLABORATIVE DEVELOPMENTS

Where does the plant come from? Should we use the leaves, the fruit or the roots? What extraction method and solvent system appear as the most relevant for a project? Does the extract need to be standardized or certified organic? Since extracts involve so many options, with more than 200 plants, our portfolio serves as a point of entry to the infinite world of botanicals. Our experts will guide you to select the right plant extract specifically for your project.

Extrapone®

THE EMOTIVE RANGE

Extrapone® is an inspiring range of plant extracts addressing the diverse creative needs of new product development.

They comprise various solutions, with specifications answering the new expectations in personal care.

Actipone®

THE ACTIVITY TESTED RANGE

The Actipone® range consists of highly effective plant extracts for skin and hair care.

They cover a variety of natural, mainly standardized products with proven *in vitro* efficacy confirmed by Symrise's R&D.

Vegetable oils & butters

THE SENSORIAL RANGE

Symrise offers a quality selection of vegetable oils and butters, sourced responsibly and sustainably.

These are substantiated by sensory evaluation and activity tests.

EXPLORING INSPIRING BOTANICALS CONCEPTS

Beyond classical references, Symrise designs botanical extracts combining emotional and functional benefits. Extracts with a fragrant dimension, in hydrophilic, lipophilic or powdery form, milks and fresh plant juices, to name only a few, open new inspiring possibilities for product developments.

INTERACTIVE PRODUCT FINDER

Whether looking for a geographic origin, a flower, a color or specific skin or hair care benefit, Symrise multi-criteria search engine helps you find the perfect plant in the rich world of botanicals.

Rendez-vous @ www.symselect.com

BOTANICALS

EXTRACTS

Name Latin name	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Acacia <i>Acacia Farnesiana</i>									
Acai <i>Euterpe Oleracea</i>									
Acerola <i>Malpighia Glabra</i>									
Almond <i>Prunus Amygdalus Dulcis</i>									
Almond (Milk) <i>Prunus Amygdalus Dulcis (Sweet Almond) Seed Meal</i>									
Aloe Vera <i>Aloe Barbadensis</i>									
Amber <i>Amber</i>									
Amethyst <i>Amethyst</i>									
Amla <i>Phyllanthus Emblica</i>									
Angelica Root <i>Angelica Polymorpha Sinensis</i>									
Apple <i>Pyrus Malus</i>									
Apple (Early stage) <i>Pyrus Malus</i>									
Apricot <i>Prunus Armeniaca</i>									
Arnica <i>Arnica Montana</i>									
Artichoke <i>Cynara Scolymus</i>									
Ash Wood* <i>Fraxinus Excelsior</i>									

EXTRACTS

BOTANICALS

EXTRACTS

Name Latin name	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Bamboo <i>Bambusa Vulgaris</i>									
Banana <i>Musa Paradisica</i>									
Bengkoang <i>Pachyrrhizus Erosus</i>									
Bilberry <i>Vaccinium Myrtillus</i>									
Birch <i>Betula Alba</i>									
Black Currant <i>Ribes Nigrum L.</i>									
Black Tea <i>Camellia Sinensis</i>									
Camomile <i>Chamomilla Recutita</i>									
Camu Camu <i>Myrciaria Dubia</i>									
Charcoal <i>Charcoal Powder</i>									
Cherry <i>Prunus Cerasus</i>									
Cinnamon <i>Cinnamomum Zeylanicum</i>									
Cloudberry* <i>Rubus Chamaemorus</i>									
Cocoa <i>Theobroma Cacao</i>									
Coconut <i>Cocos Nucifera</i>									

EXTRACTS

*Not China compliant



in-vitro tested by Symrise



properties as described in literature



ex-vivo or *in-vivo* tested by Symrise

BOTANICALS

EXTRACTS

Name Latin name	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Coconut (Milk) <i>Cocos Nucifera</i>									
Coffee <i>Coffea Arabica</i> & <i>Coffea Robusta</i>									
Coriolus (Yun Zhi)* <i>Coriolus Versicolor</i>									
Cotton <i>Gossypium Herbaceum</i>									
Cranberry <i>Vaccinium Macrocarpon</i>									
Crowberry* <i>Empetrum Nigrum</i>									
Cucumber <i>Cucumis Sativus</i>									
Curcuma* <i>Curcuma Aromatica</i>									
Dandelion <i>Taraxacum Officinale</i>									
Diamond <i>Diamond</i>									
Dragonfruit* <i>Hylocereus Undatus</i>									
Echinacea <i>Echinacea Purpurea</i>									
Elderberry <i>Sambucus Nigra Fruit Juice</i>									
Eucalyptus <i>Eucalyptus Globulus</i>									
Fennel <i>Foeniculum Vulgare</i>									

EXTRACTS

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properties as described in literature



ex-vivo or in-vivo tested by Symrise



BOTANICALS

EXTRACTS

Name <i>Latin name</i>	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Fig <i>Ficus Carica</i>									
Fleur de Sel <i>Sea Salt</i>									
Fucus Versiculosus <i>Fucus Versiculosus</i>									
Ginger <i>Zingiber Officinale</i>									
Ginkgo Biloba <i>Ginkgo Biloba</i>									
Ginseng <i>Panax Ginseng</i>									
Glacier Water <i>Water</i>									
Goji berry <i>Lycium Barbarum</i>									
Grapefruit <i>Citrus Paradisi</i>									
Grape Seed <i>Vitis Vinifera</i>									
Green Papaya <i>Carica Papaya</i>									
Green Tea <i>Camellia Sinensis</i>									
Henna* <i>Lawsonia Inermis</i>									
Hibiscus <i>Hibiscus Sabdariffa</i>									
Honey <i>Mel</i>									

EXTRACTS

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properties as described in literature



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BOTANICALS

EXTRACTS

Name Latin name	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Honeydew Melon <i>Cucumis Melo</i>									
Jasmine <i>Jasminum Officinale</i>									
Kiwi <i>Actinidia Chinensis</i>									
Laminaria Saccharina <i>Laminaria Saccharina</i>									
Laminaria Digitata <i>Laminaria Digitata</i>									
Lavender <i>Lavandula Angustifolia</i>									
Laurel* <i>Laurus Nobilis</i>									
Lemon <i>Citrus Limon</i>									
Licorice <i>Glycyrrhiza Uralensis</i>									
Lingonberry <i>Vaccinium Vitis-Idaea</i>									
Lotus <i>Nelumbo Nucifera</i>									
Mallow <i>Malva Sylvestris</i>									
Matcha <i>Camellia Sinensis</i>									
Melissa <i>Melissa Officinalis</i>									
Mulberry <i>Morus Alba</i>									

EXTRACTS

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properties as described in literature

ex-vivo or in-vivo tested by Symrise

BOTANICALS

EXTRACTS

EXTRACTS

Name Latin name	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Nutgrass (Motha) <i>Cyperus Rotundus</i>									
Oat <i>Avena Sativa</i>									
Oat (Milk) <i>Avena Sativa</i>									
Olive <i>Olea Europaea</i>									
Orange Flower <i>Citrus Aurantium Amara</i>									
Palmaria Palmata <i>Palmaria Palmata</i>									
Passion Flower <i>Passiflora Incarnata</i>									
Passion Fruit <i>Passiflora Edulis</i>									
Peach <i>Prunus Persica</i>									
Pearl <i>Hydrolyzed Pearl</i>									
Peppermint <i>Mentha Piperita</i>									
Pine Bark* <i>Pinus Sylvestris</i>									
Pomegranate <i>Punica Granatum</i>									
Pomegranate (Peel) <i>Punica Granatum</i>									
Pueraria Root (Ge Gen) <i>Pueraria Lobata</i>									
Raspberry <i>Rubus Idaeus</i>									

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properties as described in literature



ex-vivo or in-vivo tested by Symrise

BOTANICALS

EXTRACTS

Name <i>Latin name</i>	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Ribwort <i>Plantago Lanceolata</i>									
Rice <i>Oryza Sativa</i>									
Rice (Milk) <i>Oryza Sativa</i>									
Rooibos <i>Aspalathus Linearis</i>									
Rose <i>Rosa Damascena</i>									
Rose Geranium <i>Pelargonium Graveolens</i>									
Rose Hip <i>Rosa Canina</i>									
Rose Quartz <i>Quartz Powder</i>									
Rosemary <i>Rosmarinus Officinalis</i>									
Ruby <i>Ruby</i>									
Saffron <i>Crocus Sativus</i>									
Sage <i>Salvia Officinalis</i>									
Sandalwood <i>Santalum Album</i>									
Seaweed <i>Fucus Vesiculosus</i>									
Sea Minerals <i>Saccharomyces/Laminaria Saccharina Ferment/Sea salt</i>									
Sea Buckthorn <i>Hippophae Rhamnoides</i>									
Silk <i>Silk</i>									

EXTRACTS

BOTANICALS

EXTRACTS

Name <i>Latin name</i>	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Sparkling wine <i>Vitis vitifera</i>									
Stinging Nettle <i>Urtica Dioica</i>									
Strawberry <i>Fragaria Ananassa</i>									
Thyme <i>Thymus Vulgaris</i>									
Tiger Grass <i>Centella Asiatica</i>									
Vanilla <i>Vanilla Planifolia</i>									
Verbena* <i>Lippia Citriodora</i>									
Walnut <i>Juglans Regia</i>									
Wasabi <i>Wasabia Japonica</i>									
Watermelon <i>Citrullus Lanatus</i>									
Watermint <i>Mentha Aquatica</i>									
White peony <i>Paeonia Lactiflora</i>									
Witch Hazel <i>Hamamelis Virginiana</i>									
White Tea <i>Camellia Sinensis</i>									
Ylang Ylang <i>Cananga Odorata</i>									
Yuzu <i>Citrus Junos</i>									

EXTRACTS

BOTANICALS

OILS & BUTTERS

Name <i>Latin name</i>	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Almond Oil <i>Prunus Amygdalus Dulcis</i>									
Apple Oil <i>Pyrus malus</i>									
Apricot Oil <i>Prunus Armeniaca</i>									
Argan Oil <i>Argania Spinosa</i>									
Avocado Oil <i>Persea Gratissima</i>									
Baobab Oil <i>Adansonia Digitata</i>									
Black Cumin Oil <i>Nigella Sativa</i>									
Broccoli Oil <i>Brassica oleracea italica</i>									
Coconut Oil <i>Cocos Nucifera</i>									
Cotton Seed Oil <i>Gossypium Herbaceum</i>									
Cranberry Oil <i>Vaccinium Macrocarpon</i>									
Curcuma Aromatica Oil* <i>Curcuma Aromatica</i>									
Elderberry Oil <i>Sambucus nigra</i>									
Grape Seed Oil <i>Vitis Vinifera</i>									
Hemp Oil <i>Cannabis Sativa</i>									

OIL & BUTTERS

*Not China compliant

in-vitro tested by Symrise

properties as described in literature

ex-vivo or in-vivo tested by Symrise

BOTANICALS

OILS & BUTTERS

Name Latin name	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Jojoba Oil <i>Simmondsia Chinensis</i>									
Macadamia Oil <i>Macadamia Integrifolia</i>									
Mango Butter <i>Mangifera Indica</i>									
Moringa Oil <i>Moringa Oleifera</i>									
Oat Oil <i>Avena Sativa</i>									
Olive Oil <i>Olea Europaea</i>									
Papaya Oil <i>Carica papaya</i>									
Sweet Almond Oil <i>Prunus Amygdalus Dulcis</i>									
Tamanu Oil <i>Calophyllum Inophyllum</i>									

OILS & BUTTERS

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properties as described in literature



ex-vivo or in-vivo tested by Symrise

BOTANICALS

PHYTOCONCENTROLE® (Oily concentrate of plant on carrier oil)

Name <i>Latin name</i>	Antioxidant	Well-aging	Soothing	Antimicrobial	Skin brightening	Hair care	Moisturizing	Purifying	Ecocert/ Cosmos
Camomile <i>Chamomilla Recutita</i>									
Carrot <i>Daucus Carota Sativa</i>									
Mallow <i>Malva Sylvestris</i>									
Marigold <i>Calendula Officinalis</i>									
Prickly Pear* <i>Opuntia Ficus-Indica</i>									
Seaweed <i>Fucus Vesiculosus</i>									
St John's Wort <i>Hypericum Perforatum</i>									
Witch Hazel <i>Hamamelis Virginiana</i>									

*Not China compliant



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properties as described in literature



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www.symselect.com

Visit **SymSelect**® for an enriched product finder experience.

Find the botanicals that best suit your needs in terms of **part of plants, associated color or narrative concepts, traditional use, geographical source** and more. SymSelect also gives you access to product information, inspiring marketing presentations and sample requests.

*always
inspiring more ...*



www.symrise.com

Visit www.symselect.com to request samples and discover new ingredients.

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