



Sustainability and responsibility

In our sustainability reporting, we comply with the guidelines of the Global Reporting Initiative (GRI) from the version GRI Standards (2016), including the most recent updates of selected indicators from 2018.

In doing so, we conform to the highest application level “In accordance – Comprehensive,” which means that we fully account for all the material topics. As an active member of the Global Compact, we adhere to its universal principles for responsible corporate management as well as to the sustainable development goals of the United Nations (SDGs). We actively contribute to achieving them along our entire value chain, from the generation of raw materials and product development to our customer relationships. The following chapters focus on our sustainable activities throughout these stages of the value chain.

We have integrated all quantitative and qualitative transparency information, our strategic approach and the management concepts of our material topics into our sustainability record in accordance with the GRI and thus meet the requirements of the CSR Directive Implementation Law (CSR-RUG) pursuant to Section 289b (3) of the German Commercial Code (HGB). All information has been externally audited in accordance with the AA1000 Assurance Standard.

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Publications on sustainability 2019

CORPORATE REPORT



FOCUS

- Integrated corporate strategy
- Central non-financial management key figures
- An overview of sustainability management and material topics
- Contribution to the Sustainable Development Goals (SDGs) along the value chain

SUSTAINABILITY-RECORD



FOCUS

- All key figures and information are in accordance with the GRI standards
- Non-financial report pursuant to Section 289b (3) of the German Commercial Code (HGB)
- Progress report for the Global Compact

Available at
cr2019.symrise.com/sustainability/sustainability-record

2019 Highlights

INCREASE IN ECO-EFFICIENCY*

52 **68** **51**

% Reduction
in CO₂ from
2010 to 2019

% Reduction
in COD** from
2010 to 2019

% Reduction in
sensitive waste from
2010 to 2019

OCCUPATIONAL SAFETY

36

% Reduction in MAQ*** from
2013 to 2019, goal attainment

SUSTAINABILITY IN THE SUPPLY CHAIN

100

% Share of main suppliers based
on procurement volume and rated according
to sustainability criteria

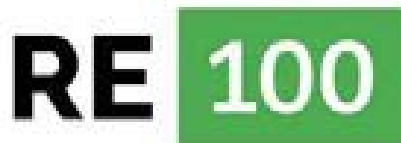
2019 PARTNERSHIPS



Entry into the Development and Climate Alliance



One Planet Business for Biodiversity (OP2B)



RE100 initiative

* All figures in terms of added value of € 1 million

** COD = chemical oxygen demand

*** MAQ = work accidents (> 1 lost day) x 1 million/working hours

Our material topics

COMPREHENSIVE MATERIALITY ANALYSIS

In the 2019 reporting year, we updated our materiality analysis as part of an extensive online survey in combination with a qualitative survey of our stakeholders based on interviews of experts, ranging from investors and customers to NGOs, scientists and politicians and from our employees to our Executive Board.

Where appropriate, we've revised the names and focus of material topics. For example, what used to be the "compliance" topic is now "good corporate governance and compliance." Once measured separately, the topics "sustainable forestry," "sustainable agriculture and aquaculture" and "biodiversity" have been combined to create "protection of biodiversity" due to overlapping areas of focus. "Excellence in the supply chain" has been integrated into related topics. The climate protection activities of Symrise are now explicitly addressed with the topic of "climate protection and emission reduction," which extends beyond the mere reduction of emissions.

“Basically, it all comes down to raw materials at Symrise [...]. Efficiency, economy, loss minimization, etc. are better for the environment and promote profitability.”

Symrise employee

“The biggest social and environmental challenges [...] are climate change, supplier management and increasingly complex supply chains.”

Sustainability expert

The various surveys were conducted between June and August 2019 and have provided us with knowledge about the expectations of our stakeholders, the relevance of sustainability topics for business and the impact that the business activities of Symrise have on people, the environment and society. More than 1,500 fully completed online surveys and just under 30 qualitative expert interviews were evaluated.

The three central topics of focus identified among all of the stakeholders were "responsible sourcing," "climate protection and emission reduction" and "responsible use of raw materials." During the qualitative interviews, external experts also emphasized dependence on natural raw materials in the "race for resources" and the importance of a company's climate protection activities.



* Sustainable partnerships, good corporate governance & compliance form the basis of all our material topics, the business activities of Symrise and all our activities.

We provide comprehensive, transparent information on our sustainability activities and key figures in our online sustainability record: cr2019.symrise.com/sustainability/sustainability-record

The highest-ranked topic from the previous year, “compliance with human rights,” continues to be extremely important. But this year it shares the spotlight with other prominently ranked topics associated with the key sustainability issues of “innovation” and “ecological footprint” as well as the overarching strategic, company-wide topics “good corporate governance” and “sustainable partnerships.” Collaboration and transparency were

generally considered to be key drivers for sustainability from both an external and internal perspective.

The results were then discussed and validated by the Sustainability Board. See the summary table on page 96 for an overview of all the material topics, their definitions, goals, goal attainment, and management methods.

Goals and management of our sustainability topics

TOPIC	DEFINITION	SELECTED GOALS
RESPONSIBLE SOURCING	Transparency in terms of the origin of raw materials as well as supplier auditing in accordance with environmental and social standards to ensure fair working conditions and environmental protection throughout the entire value chain.	Increase the share of main suppliers rated according to sustainability criteria to 100% by 2025.
CLIMATE PROTECTION AND EMISSION REDUCTION	Reduction of climate, noise and odor emissions and energy consumption as well as an increase in the use of renewable energies.	Symrise will be climate-positive as of 2030.
RESPONSIBLE USE OF RAW MATERIALS	Efficient, economical use of finite raw materials, focus on renewable raw materials.	Reduction of 60% in chemical oxygen demand in the water as well as our sensitive waste compared to 2010 by 2025.
GOOD CORPORATE GOVERNANCE AND COMPLIANCE	Compliance with legislation, guidelines and internal rules, responsible company management, appropriate handling of risks.	By 2025, we are planning for an above-average global tax rate of 26 to 28% . Ensure that all Symrise sites are audited in accordance with relevant standards.
SUSTAINABLE PARTNERSHIPS	Establishment of long-term partnerships and knowledge exchange to increase sustainability.	Establish and increase trust, knowledge transfer and synergies between Symrise companies and NGOs, suppliers, political institutions and local partners.
INNOVATIVE & SUSTAINABLE PRODUCT DESIGN	Development of eco-friendly and socially compatible production innovations in fragrances and flavorings.	More than 12% of our sales with new product developments by 2025. Systematic integration of the Nagoya Protocol requirements into our research and development activities by 2020.
RESPONSIBLE USE OF WATER	Careful, efficient use of water, particularly in areas with water shortages.	Increased water efficiency at production sites located in regions affected by water stress.
PROTECTION OF BIODIVERSITY	Promotion of biodiversity, minimization of direct and indirect human impact on natural ecosystems, environmental protection measures related to sustainable agriculture and aquaculture.	100% sustainable sourcing of our strategic agricultural and aquacultural raw materials as of 2025.
PRODUCT QUALITY AND SAFETY	Ensuring safe, high-quality products.	Maintaining a high level of product safety management .
COMPLIANCE WITH HUMAN RIGHTS	Obligation to comply with social standards at the company and throughout the entire supply chain as well as measures for fulfilling these standards.	Increase the share of main suppliers rated according to sustainability criteria to 100% by 2025.

GOAL ATTAINMENT	MANAGEMENT METHODS
All of the main suppliers of Symrise (in terms of procurement volume) rated according to sustainability criteria.	Supplier screening, certifications and audits; involvement in international (industry) initiatives (SAI, FSC, CDP supply chain program, Rainforest Alliance, RSPO, GIZ, Save the Children, IFFO, etc.)
Increase in eco-efficiency based on a reduction of 7.2 % in greenhouse gas emissions (Scope 1 and 2).	TCFD commitment, CDP climate change
The chemical oxygen demand increased by 3.2 % in the reporting year, due to a significant increase in production volume. Reduction of 3.9 % in sensitive waste in comparison to 2018.	Green chemistry approach, recovery through patented SymTrap® process
In 2019, our global tax rate was 27.1 % . 100 % of Symrise sites audited in accordance with relevant standards.	Further development of the Integrated Management System (IMS), external certifications, internal and external audits
Continuation of long-term project partnerships . Joined new initiatives in 2019, including Development and Climate Alliance and One Planet Business for Biodiversity.	Involvement in a variety of international industry collaborations, partnerships and competitive approaches
With 16.4 % of sales from new product developments, we have once again exceeded our target value. Operational instructions implemented in accordance with EU Regulation 511/2014 for research and development as well as additional relevant functional areas.	Market and trend research, consideration of regulatory requirements, product sustainability scorecard, green chemistry approach Integrated management system, Nagoya Protocol Committee, Nagoya policy
Water consumption at production sites in water stress regions increased by 3.2 % in the reporting year, due to an average increase of 15 % in production in these countries.	Symrise water policy, CDP water
Strategic biobased raw materials from agriculture and aquaculture were identified in 2019 and will be sourced from sustainable sources by 2025.	Sustainable supply chain management, raw material certifications, backward integration, CDP forest Involvement in a variety of international (industry) initiatives
No significant product safety incidents in 2019.	Internal and external audits; safety certifications
All of the main suppliers of Symrise (in terms of procurement volume) rated according to sustainability criteria.	Internal and external audits and certifications; supplier screening (Sedex)

Goals and management of our sustainability topics

TOPIC	DEFINITION	SELECTED GOALS
OCCUPATIONAL HEALTH AND SAFETY	Compliance with occupational safety provisions, measures to prevent work accidents and work-related ill health, promotion of employee health.	“Zero-accident culture” and reduction in frequency of accidents to MAQ < 1.5 by 2025 .
FACILITY SAFETY	Compliance with safety regulations to avoid and minimize harmful impacts on people, the environment and assets at company sites.	Maintain a high level of safety management at the facilities.
EMPLOYEE DEVELOPMENT AND ADVANCEMENT	Personal and professional employee support through active talent management, training courses, long-term planning for training, education and personnel development.	Maintenance and expansion of training courses and employee support at all sites.
DIVERSITY AND EQUAL OPPORTUNITY	Management diversity, the promotion of equal opportunity for all employees, fair remuneration, inclusion, measures to help balance work and family life.	At least 25 % women at the first global management level directly below the Executive Board and at least 40 % at the second global management level by 2025.
EMPLOYER ATTRACTIVENESS	Internal and external perception as an attractive employer, measures to promote site attractiveness.	Maintain and increase site attractiveness , establish Symrise as an “employer of choice” .
ANIMAL WELFARE	Measures to protect the health and well-being of animals, proper care, compliance with regulations, and voluntary commitments.	Fulfill animal welfare standards in our supply chain. 100 % of our chicken-based raw materials procured from sustainable sources in the US by 2023 and in Europe by 2026.
SUPPORT OF LOCAL COMMUNITIES	Active discussion, investment in and support for local communities and stakeholders.	Maintain and expand collaboration with local partners and communities.

You can find a thorough description of our management approaches with goals and measure descriptions for all sustainability topics in our online sustainability record under cr2019.symrise.com/sustainability/sustainability-record.

GOAL ATTAINMENT	MANAGEMENT METHODS
Routine management safety visits by global managers.	Management safety visits, ISO 45001 as of 2020, both internal and external audits, continuous safety training courses
No significant facility safety incidents in 2019.	Internal and external audits, certifications and inspections
2019: Symrise acknowledged as a training company that systematically promotes cross-border mobility in vocational training and instruction in Europe.	Talent management, personnel development and employee recruitment
Of the 10,340 employees worldwide in 2019, 4,059 were women , which corresponds to a proportion of 38.5% . The share of women at the first level of management beneath the Executive Board amounted to 24 % in 2019; at the second level of management it amounted to 41 % .	Integrated Management System, talent management, employee recruitment
Recognized again in 2019 as one of the best training companies in northern Germany by two respected German business newspapers.	Site activities, employee recruitment
The introduction of our Higher Animal Welfare (HAW) policy in the US had to be shelved due to the sale of a business unit; the impact of the new acquisition of ADF/IDF on the HAW policy can only be assessed in 2020.	Animal welfare policy, commitment to international animal welfare standards with partners, supplier qualification, supplier assessments and audits, traceability
Tailored support for local communities (charitable, social) in areas where Symrise sources its strategic raw materials.	Needs assessments according to site

Sustainability along the value chain

Sustainability is rooted in our corporate strategy and reflected throughout our entire value chain, including the cultivation and decomposition of our key raw materials, our local partners and suppliers around the world, product development and optimization of our manufacturing processes at the Symrise sites, and sale of our products to our customers and consumers worldwide. We keep an eye on each and every stage of this value chain to ensure a transparent, traceable and sustainable supply chain.



The 17 global sustainability objectives pave the way for sustainable development and provide the framework for what we as a company can and must achieve to guarantee successful operations in the future as well. Due to our broad positioning and our multilayered business model, we ultimately have to keep an eye on all of the goals. However, we are aware that we cannot tackle every goal equally but must focus on those where we can make the most effective contribution. On the basis of the SDG subgoals, we identified six SDGs (8, 12, 13, 14, 15, 17) in 2018, with which we at Symrise, in collaboration with our partners, can achieve a particularly high impact with regard to our business activities and the effects of our actions on the environment and society – throughout our entire value chain.



Global biodiversity is an indispensable source of inspiration and natural raw materials for Symrise when it comes to creating new flavors, fragrances and other products in customer industries. Protecting biodiversity and thus natural habitats on land and underwater is therefore an essential concern for Symrise. With the sustainable sourcing of our raw materials, the assessment of our main suppliers in accordance with sustainability criteria and our involvement in international initiatives and partnerships for biodiversity and supply chain transparency, we as a global company have an effective lever for helping to achieve SDGs 14 and 15. Throughout the process, we also take into account the working conditions of our employees, partners and suppliers in order to make a direct contribution to humane economic growth in accordance with SDG 8.





Knowledge transfer and synergies between the company, suppliers, political institutions, actors from civil society and local partners form the basis of the business activities of Symrise and thus all of our operations.



The core business of Symrise and its products are closely linked with sustainable production cycles, the efficient use of natural resources, environmentally compatible use of chemicals and waste minimization, thanks to avoidance, reduction, recycling and reuse. We and our partners have a direct impact on SDG 12 particularly in the product development phase. As a production company in a high-energy industry, we also have considerable responsibility and leverage when it comes to SDGs 8 and 13 and implementing humane working conditions, comprehensive climate protection measures and concrete reductions in CO₂ at our production facilities and sites around the world.

The central concern of Symrise is to meet basic human needs for health, nutrition and well-being. Due to our sustainable product solutions in line with SDGs 12 and 13 (see previous stage of the value chain), we thus have the responsibility and leverage – at our own sites and beyond – to both satisfy and initiate/re-initiate the future consumption patterns and behaviors of our customers and consumers.



Sustainability along the value chain – using vanilla as an example

Sweet, smoky, nutty – natural vanilla is one of the most complex spices in the world, consisting of 400 to 500 individual flavor components that influence the taste and scent of the beans. The global demand for vanilla is increasing every year, with demand for natural vanilla exceeding the supply – both an opportunity and challenge for creating value at Symrise.



RAW
MATERIALS



Around 80 % of the world's annual demand for vanilla beans is produced in Madagascar, with small-scale farmers harvesting around 2,000 tons of vanilla beans each year. Vanilla orchids still need to be pollinated by hand, which is a laborious process. Vanilla is conventionally sourced through an expansive network of intermediate suppliers, which makes it just about impossible to trace the origin of the beans. Symrise has been doing things differently since 2006: We're the only company in the industry to maintain a local presence in the heart of global vanilla production, the northeastern SAVA region, where we work locally and directly with over 7,000 small-scale farmers in 74 villages. In collaboration with the German Society for International Cooperation (GIZ), Symrise supports the local farmers with training courses in culture diversification and soil management, health services and the development of local co-ops of small-scale farmers. Our work in the region benefits nearly 50,000 people in over 70 villages. This form of direct sourcing creates trust and enables product traceability for a sustainably integrated supply chain.



PRODUCT
DEVELOPMENT

MANUFACTUR-
ING PROCESSES

Global demand for vanilla far exceeds the natural supply, which is why synthetic vanillin is so important. Vanilla flavors are manufactured by combining two or more extracts or mixing extracts with other raw materials such as lemon oil. Symrise produces more than 4,400 tons of vanilla flavors like these each year. Our expertise ranges from the extraction of natural vanilla to the production of synthetic and nature-identical vanillin.

Vanilla is also a key component when it comes to creating the finest fragrance profiles. These days, up to 500 fragrances can be launched every year, compared to just around 20 new fragrances in 1974. Our team of perfumers, valuers and marketing employees updates this comprehensive Symrise genealogy of fragrances every year. These fragrances reach our customers and consumers by means of perfumes and functional fragrance creations for detergents and deodorants.



CUSTOMERS

CONSUMERS

Symrise conducts regional insight and trend studies in order to fulfill widely varying consumer desires all over the world. With sales growth of nearly 70% within the past five years, Brazil is the largest perfume market in the world. At a combined 80%, the world's largest markets for vanilla are the US, Germany and France, where the vanilla flavors of Symrise enhance a whole host of beverages and foods, including Wall's ice cream brands Cornetto, Calippo and Solero. Since spring 2019, consumers in the UK have been able to view information about the origin of vanilla via a QR code on these products and support a nonprofit project with their purchase (see page 80).

Recent years have seen a sharp rise in global demand for green and healthy products such as Rainforest Alliance, Fairtrade and organic products for use in fragrances and flavorings and thus an increase in demand for health, well-being, naturalness and sustainability.

Raw materials

Natural raw materials form the basis of our products and thus represent a key starting point for our business. When it comes to sourcing our raw materials, we rely on an environment rich in biodiversity as well as the collaboration and trust of local communities and small-scale farmers. We actively promote discussion and dialogue and thus nurture sustainable partnerships.



Knowledge exchange in the onion ring

As a flavor carrier, base material and spice, onions are used in 95 % of all sauces, ready meals, frozen foods, fish and meat preparations. Symrise has been processing them for nearly 70 years and puts its array of flavors to use in onion juice concentrates, essential onion oils and other flavors in around 8 % of all products. Symrise obtains the majority of its onions from farmers within 50 kilometers of the plants where the vegetables are processed – in Germany, around the company’s headquarters in Holzminden in the Weser Uplands of Lower Saxony. Working with the farmers, Symrise has established the so-called onion ring, where pest control, fertilizers and cultivation of various onion varieties are tested in close collaboration with universities, institutes and chambers of agriculture, with the aim of reducing and optimizing their use over the long term. Symrise also helps the farmers with the technological infrastructure,



which includes an extensive network of weather stations on the fields that prepare scientific climate data in real time, supply information about the right time to implement fertilizer and pest control measures, and develop a system for a robust yield forecast model. Optimized methods for processing the onions also make it possible to reduce food waste by using plant byproducts. This close collaboration also offers options for implementing new projects and income opportunities for farmers. One such example is the recent cultivation of the hemp plant, which is increasingly in demand in the cosmetics and food industries (see page 48).

A dialogue between bergamot and mint

Symrise actively encourages farmers to share their proven working methods and experience with each other, even if they cultivate different crops in different regions. For instance, we've connected the family-run company Capua, based in Calabria, which is our partner for sourcing the citrus fruit bergamot, with our partner for mint oils in North

America, Norwest Ingredients, which is also a family-run company. The Italian partners provided the Americans with unique insights into their activities associated with the Sustainable Agriculture Initiative (SAI) and their commitment to biodiversity. With this type of mutual knowledge exchange, Symrise makes an active contribution to the sustainable success of the next generation of farmers and thus ensures access to high-quality natural raw materials.

Learning partnerships in the Sustainable Alliance network

With the UN Global Compact's "Bridging the Gap" program in collaboration with GIZ, Unilever, Save the Children and Kellogg's, Symrise enables learning partnerships between suppliers and customers – and thus a unique, direct connection throughout the entire value network. These transparent networks allow Symrise to help design effective intervention programs that improve local conditions for the farmers and offer our customers an uninter-

rupted overview of their extended supply chain. For example, steps will be taken to ensure that, by 2023, more than 70 % of our farmers will be using climate-intelligent farming practices, financial resources will be more accessible, and tailored support will be available locally for young entrepreneurs. Symrise and its project partners will thus be investing € 10 million in the coming four years as well as another € 15,000 through our employees to support Save the Children in Madagascar's SAVA region. This quality-assured chain of custody provides customers with a transparent certificate of origin, which minimizes supply chain risks such as human rights violations and negative environmental impacts locally.

Biodiversity coalition across multiple sectors

In collaboration with 17 other international companies, Symrise has founded the coalition One Planet Business for Biodiversity (OP2B). The partners are committed to working together to develop environ-

mentally friendly agricultural methods and to change how they create value. The aim is to preserve biodiversity as the basis for a stable agricultural system in times of global change. The initiative focuses on developing sustainable farming methods to protect the soil, increasing product range diversity for food manufacturers to protect endangered crop varieties and developing strategies to maintain and restore threatened ecosystems. The coalition aims to achieve these three goals by 2030.

Product development and manufacturing processes

When it comes to our product development and manufacturing processes, we make every effort to ensure eco-friendly production, use chemicals in a way that's environmentally compatible, conserve resources, minimize waste, reuse byproducts and develop new packaging solutions. Our product sustainability scorecard makes it possible to choose eco-friendly product alternatives.



From the orange peel to oral care

Our team in Jacksonville has developed and patented its very own eco-friendly process for extracting L-carvone from D-limonene, a byproduct that's isolated from the orange peels disposed of in the orange juice industry. Our unique process produces ultra-pure L-carvone, which is free of chlorides, nitrogen compounds, solvents and toxic reagents, thanks to eco-friendly production methods wherever possible. We've developed a process that, unlike conventional methods, avoids millions and millions of liters of wastewater each year. The end result is an ingredient that provides a variety of everyday oral care products and sweets with a refreshing, cool and minty taste.



Sustainability as a product decision

With the product sustainability scorecard, Symrise documents the impact of raw materials and products on sustainability on the basis of ten criteria, enabling our customers to select the most eco-friendly solution in a comparison of available alternatives. Using menthol as an example, the scorecard reveals that the synthetic variation produced by Symrise offers sustainable benefits, ranging

from a safe, clearly traceable basis of raw materials to comparably energy-efficient, low-waste production and an end product of outstanding purity and quality. The product sustainability scorecard provides an overview of this information, with synthetic menthol performing better than natural menthol in a variety of categories, including “water”, “traceability”, “land use” and “biodiversity.”



Sulfacid® technology comes full circle

Symrise began operating a Sulfacid® system at the US production site in Jacksonville in 2019 and is thus a pioneer in the use of this technology in the industry. A thermal oxidizer purifies the sulfurous exhaust air, eliminating more than 99% of the volatile organic compounds. The resulting products are then used in other production processes and therefore support the concept of the

circular economy. The system combines high operating performance and efficiency with maximum safety standards, while reducing maintenance and life cycle costs. The technology is the result of a collaboration between Symrise and technology supplier Carbon Process & Plant Engineering S.A. (CPPE).

A new take on packaging

Symotion's logistics experts are tasked with ensuring that the approximately 30,000 Symrise products that leave the plant gates in Germany are safely transported from the production sites to customers all over the world. The ingredients of flavors, fragrances and cosmetics are often transported as dangerous goods in steel drums, special canisters or crates, with 60 standard packages and 80 special packages to choose from. In addition to safety, there's also a key focus on package sustainability: To minimize the carbon footprint, the company tries to develop more sustainable packaging solutions such as intermediate bulk containers (IBC) using lighter, recycled and eco-friendly materials. Some IBC types consist of a wire cage with an integrated plastic bladder that holds up to 1,000 liters. These steel cages can be reused.

CUSTOMER INFORMATION ABOUT PLASTIC PACKAGING

Symrise is familiar with and fulfills all legal regulations for plastic packaging. Considering our production volume, the percentage of plastic packaging we use is very low. Nonetheless, we ensure that all of our business sites actively optimize and recycle packaging without compromising the quality of our products. The safety of our products, the environment and compliance with all legal regulations are always a top priority. We continuously reassess our solutions to reduce the impact of our packaging on the environment, and work with our partner companies to develop innovative, sustainable solutions. Internally, we encourage all of our employees at all of the business sites to replace single-use plastic packaging with eco-friendly alternatives.



30,000

different Symrise products leave the factory gates in Germany and are safely transported by Symotion to their destinations around the world.

Customers and consumers

Symrise is always interacting and communicating with its customers and consumers – in no small part through trend studies and surveys around the world. We fulfill their individual needs for health, nutrition, well-being, naturalness and sustainability with innovative fragrances and flavorings.



Biobased ingredient for cosmetics

The demand for natural ingredients in cosmetics is increasing around the world – as is the demand for multifunctional ingredients, since consumers prefer a short, straightforward list of ingredients. Manufactured from a byproduct of the sugar cane, the multifunctional ingredient Hydrolite® 5 green is made from 100 % biobased raw materials and thus offers Symrise customers a sustainable product alternative. The substance moisturizes the skin, strengthens the effectiveness of many ingredients in cosmetic formulations and improves the appearance, consistency and protection of the product itself. The United States Department of Agriculture (USDA) provided the ingredient with a USDA Certified Biobased label in December 2019. Hydrolite® 5 green had been presented to the general public for the first time just under a year before.



Taste notes of plant-based proteins

Out of conviction and for health reasons, more and more customers and consumers around the world are asking for alternatives to meat and dairy, meaning foods and beverages with alternative proteins. Symrise therefore expanded its range at the end of 2019 to include notes for its own green product categories with plant-based proteins. We thus combine our knowledge of alternative protein sources with our taste expertise as well as our understand-

ing of recipes and our comprehensive consumer data to develop taste solutions for plant-based food and beverages. The integrated Symrise solutions balance out unpleasant aftertastes and make plant-based products taste juicier. Symrise uses natural raw materials from responsible sourcing and relies on pure, natural ingredients from its code of nature® portfolio.



Halal fragrances for hijabistas

More and more Muslim women are opting to cover their hair, either as young women or later in life. This global trend is spreading especially fast in Indonesia and can be an expression of religion, culture, confidence and individuality. In 2019, Symrise began developing new fragrances for the unique needs of women who wear hijabs. These fragrances are halal, meaning they're free of any animal-

based ingredients and certain chemicals, and are created in close coordination with the local target group, so-called hijabistas – young, fashion-conscious women who wear hijabs and are active on social media.
