

Environmental statement



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Foreword

Fructus Meran AG, based in Vilpian / South Tyrol / Italy, has been very quality and customer-oriented since its foundation in 1947. Our goal has always been, and still is today, to supply our customers with high-quality apple and pear products as semi-finished products for the food industry as well as fresh apples in packaging suitable for sale.



picture 1 Peter Theiner

We know that our plant is embedded in a very beautiful area and in an intact environment. It is therefore our duty to make production as environmentally friendly as possible.

We are therefore committed to using natural resources such as energy, water and air in the processing and packaging of our products as environmentally friendly and as sparingly as possible. We actively involve our employees in corporate environmental protection in

order to motivate them to actively pursue environmental protection outside of the company. In this way we can have a positive influence on society.

Just as a stone that falls into the water triggers small waves, so we want to give impetus to positive environmental thinking! With these measures we want to continuously reduce the environmental impact and ensure that we maintain an intact environment for the next generations.

Our company

Founded in Merano in 1947, Franz Theiner continuously built up the business with an iron will. From a fruit trading company in the compensation business, 1960 he set up the fruit auction beyond to the Dutch example and in 1970 he started, after years of crisis in the apple business, together with his son Fritz the solid pack apple production facility.

After Franz Theiner, assured himself the so called "Winkler site" in order to enlarge the production facility and to grant a production which could than be done even more professional and in high quality, in 1978 he handed over the business to his sons Fritz and Jörgl, who continued to run the company in his spirit.

After some bureaucratic obstacles could be solved, the production plant was moved to the current location on the Winkler site in 1986. Today it is one of the most modern apple and pear peeling companies in Europe. In the following years the fresh fruit business was greatly expanded and the quantities in processing rose rapidly. Peter Theiner, son of Fritz Theiner, after his entry in Fructus, successfully built up the production of frozen apples and pears in 1992.



Picture 2, area of Fructus Meran and EGMA fruit auction in the middle of the South Tirolean apple growing area

In order to ensure the quality of products and services, the company was the first company out of the local fruit business to introduce a quality management system in accordance with the ISO 9001 standard in its production operations back in 1995. In 1999 we introduced also the ISO 14001 environmental management system. In same year, a new warehouse was built in Sinich close to Merano for the storage of raw materials.

In 2001 the IQF production was expanded to double the capacity. In 2001, a new exhibition hall was built on two floors, which also serves as a finished product warehouse. Since 2000 and 2004, Fructus Meran AG has also been certified according to the BRC and IFS standards. In 2009 the warehouse in Sinich was greatly expanded with the second stage of expansion, be it as a deep-freeze store or for storing apples using the latest DCA technology. In 2009 an adjacent warehouse of the former Vilpian fruit cooperative with a storage capacity of 5,500 tons was acquired, so that even with the increased production volumes we than had enough storage capacity available to guarantee our customers consistent quality all year round.

Since occupational health and safety is very important to us, we successfully obtained certification in 2010 according to the OHSAS 18001 standard. In 2011 we set up a new collection point for fruit auction. In 2014 the warehouse ex LEV could finally be bought back and used in 2015 as a new fresh fruit packing room and as a warehouse extension with an additional 6000 tons. Transport routes are shortened, work safety is greatly improved and a pleasant, bright working atmosphere is created.

In the same year, the SMETA certification was completed for the first time to show how much we care about the social concerns of our employees and those of our suppliers.

Location • Activity • Products

The FRUCTUS MERAN site is located in the commercial and small industrial zone in Vilpian (Terlano municipality).

The location of the FRUCTUS MERAN is very favorable

For the delivery of the raw goods:

FRUCTUS MERAN is located in the middle of the South Tyrolean fruit growing area. The main purchasing area is within a 10 km radius.

Further cultivation areas in northern Italy can be reached in about 200 km.

For transportation:

Located directly on the expressway, with connection to the Brenner motorway 10 km away. The dispatch takes place both by truck and with containers, which are loaded by train or ship.

For our employees:

Around 80 percent of our employees live in the surrounding communities and therefore have short travel distances.

The activity of FRUCTUS MERAN is divided into two areas:

The original activity was and still is the trade in table apples. The types of packaging are particularly geared towards supplying the retail food sector.

Product range dessert fruit

- trays
- bags
- net
- loose or laid in plateaus, Maxpack and others
- All types of packaging can also be ordered in reusable containers
- All year round we offer the entire South Tyrolean range in own brand, South Tyrol brand and also in customer brand.

The second operation sector was established at the beginning of the 1970s, namely the industrial processing of apples and pears.



Picture 3 Product range fresh fruit

The fruit is peeled, pitted, cut, preserved and packed according to customer requirements. Right from the start, we focused on environmentally friendly and quality-conscious mechanical peeling.

Product range processing

- solid pack apple sliced and diced in 3 kg and 5kg can and in 5 kg pouch packs
- apple fruit preparation Apfelmischung in 5-kg can and in 1000 lt tank
- IQF frozen apple segments and cubes in 10 kg carton
- fresh apple segments and cubes in plastic crates and/or one way carton
- solid pack pear diced/sliced in 5 kg cans
- IQF pear dices in 10 kg carton
- IQF apple and pear even in 2,5 kg bags for retail and catering
- apple and pear puree in cans 3 and 5 kg
- apple and pear puree in aseptically packed in 5-20 kg bags, 200 kg drums or 1000kg packaging.



We obtain the raw material primarily from the fruit auctions, from fruit retailers and fruit cooperatives as well as directly from larger producers in South Tyrol, Trentino, Veneto and also Emilia Romagna from where the best Williams pear comes.

We actively promote and sensitize our suppliers to environmentally friendly production methods. The majority of the goods come from integrated cultivation and companies certified by GlobalGap, but the quantities from controlled and organic cultivation are also increasing.



Picture 4 packaging and procuts processing

In conventional cultivation we advise our suppliers to treat nature with care and prefer goods from such production. We handle a total of around 60,000 tonnes, with around 30 percent being marketed as fresh fruit and 70 percent being processed industrially. Over 100 employees work enthusiastically every day to fulfill our customers' wishes.

We work in two or three shifts because the raw material should be processed as fresh and consistent as possible. Our sales market is Europe, with about half of our goods being sold in Germany. Other sales markets in order of sales are: Great Britain, Italy, Belgium, Switzerland, France, Austria, Netherlands, Portugal

Environmental policy Fructus Meran AG

The following environmental guidelines of Fructus' corporate policy. Based on these environmental guidelines, measures to protect the environment are planned and carried out by the responsible persons within the specified deadlines.

1. The aim of our company is to process and package natural products made from fruits as close to nature as possible and according to customer requirements.
2. In our activities, we attach particular importance to the responsible and economical use of natural resources.
3. We want to avoid emissions to air, wastewater, waste and other environmental impacts wherever possible or at least continuously reduce them in relation to the production volume. For this reason, environmental pollution from the company is constantly monitored, documented and assessed. Improvement measures are derived from this and implemented to an economically justifiable extent using the best available technology.
4. Effective environmental protection is only possible through the participation of all employees. That is why the environmental awareness of our employees is specifically promoted through information and training.
5. Every employee has the opportunity to make suggestions for lower environmental impact or to show ways to save energy.
6. We undertake to comply with the environmental laws and regulations applicable to us and the laws for operational safety externally and the occupational safety regulations.
7. We maintain an open dialogue with our contact persons and inform our customers, suppliers, the public, authorities and neighbors openly about the environmental protection activities we carry out.
8. Comprehensive risk management should minimize the effects of possible accidents on people and the environment as far as possible.
9. The environmental impact of new activities, processes and procedures should be as low as possible and are therefore assessed in advance.
10. In the case of new investments, particular attention must be paid to minimal environmental pollution. The best environmental solution is preferable if it is economically justifiable.

in practice and look for opportunities for improvement together with the individual departments. The employees are informed and sensitized through annual training.

Environmental protection goals can only be achieved with the help of motivated employees. New employees are introduced to our UM system as soon as they are hired and are committed to protecting the environment and saving resources. In order to avoid possible negative environmental impacts in the event of accidents or abnormal operating conditions, or to react quickly and correctly, extensive work plans and risk analyzes were developed with our employees. The company suggestion scheme should motivate and motivate employees to constantly improve their work area.

Presentation of data and environmental impact

Raw material (apple and pears)

Our goal is to promote up-to-date information to our suppliers, the integrated cultivation and the Global-GAP production, furthermore we promote sustainable and organic cultivation in cooperation with our customers.

	2017	2018	2019	Change in% compared to 2018
Raw material (apples and pears) in kg				
processing	33.017.600	32.448.912	46.314.679	43%
of which integrated production	24.143.761	25.004.075	40.320.004	61%
of which organic production	1.393.938	2.145.755	1.629.143	-24%
dessert fruit	16.474.358	14.661.605	16.529.248	13%
EGMA fruit auction	26.427.000	29.740.000	27.060.018	-9%
of which integrated production	25.398.000	27.859.000	25.611.287	-8%
of which integrated production GLOBALG.	25.060.000	27.308.000	25.452.148	-7%
of which berries and vegetables	103.000	236.000	130.000	-45%
total	75.918.958	76.850.517	89.903.945	17%

The use of raw materials and product ingredients has no significant environmental impact.

Energy

Our main energy sources are electricity and methane gas.

energy source	Consumption 2017 in kWh	Consumption 2018 in kWh	Consumption 2019 in kWh	Consumption in % of 2018
Electricity consumption minus PV	6.007.015	5.766.957	7.139.279	24%
PV- Production	991.058	997.828	944.559	-5%
Methane gas	5.279.490	5.731.615	7.286.710	27%
total	12.277.563	12.496.400	15.370.548	23%

By implementing large-scale photovoltaic systems on our existing buildings, we were able to generate around 13 percent of our electricity requirements in 2019. The expansion of the pure line and the warm autumn brought with it greater energy consumption.

Water

We are aware that as a food processing company we need a large amount of water. We get most of the water from our own deep wells. Most of the water resource, around 90 percent, is required for cooling and returned to the environment as clean water.

Figures in m ³	2017	2018	2019	Change in % compared to 2018
White water	689.646	651.918	689.375	6%
Black water	38.408	39.318	36.482	-7%

The increased consumption of white water is due to an increase in storage capacity and thus the amount of CA storage stored. The relative volume of wastewater was reduced by 13% due to the high processing volume.

Operative Materials

Consumption of consumables in kg	2017	2018	2019	Change in % compared to 2018
Lubricants	1.664	2.456	1.839	-25%
Additives capacitors	623	556,66	973	75%
Additives Pasteur	1.452	1.324	2.136	61%
Salt tablets	9.000	8.500	16.750	97%
Hydrochloric acid and sodium	1.645	2.725	4.650	71%
Coolant	402	207	104	-50%
Boiler additives	685	670	1026	53%
Adhesives	4.754	1.092	3.246	197%
Diesel fuel for internal fleet	42017	47271	47271	0%
cleaning supplies	29937	39385	43658	11%
total	92.179	104.187	121.653	17%

Due to the higher production in recent years and the new production line, consumables and supplies have been used more, but in relation to production we were able to e.g. reduce cleaning agents by -29% thanks to better utilization

Waste

We want to reduce waste by avoiding waste as soon as it is created. A sensible separation of the individual fractions ensures the supply to the appropriate recycling and disposal channels.

Type of waste in kg	2017	2018	2019	Change in % compared to 2018
Waste dangerous				
Oil filter	0	10	5	-50%
Laboratory chemicals inorganic	0	0	14	
Binders and solvents	0	0	0	
Fluorescent tubes	0	44	39	-11%
Used batteries Ni / Cd	0	0	19	
Aerosol cans	0	17	10	-41%
Insulation material made from Best fabrics	0	0	0	
aqueous waste with dangerous substances	0	0	0	
electr. Devices with dangerous Components	0	0	0	
Packings with leftovers. Fabrics	1100	1100	3048	177%
and.emulsions (cleaning heating oil tank / oil separator)	0	840	0	-100%
Total waste dangerous	1.100	2.011	3.135	56%
Waste not dangerous				
Paint residues	0	15	75	400%
Toners and ribbons	25	120	20	-83%
Used electronic devices	0	421	548	30%
Commercial waste similar to household waste	26.180	85.040	49.580	-42%
Total waste not dangerous	26.205	85.596	50.223	-41%
Total residual waste	27.305	87.607	53.358	-39%
Waste for recycling				
Cardboard boxes	46.020	49.720	44.620	-10%
Polyethylene	11.600	10.580	15.130	43%
Packaging of metal	0	0	780	100%
Scrap iron	9.000	28.460	15.540	-45%
Inox and aluminum	2.540	2.480	1.780	-28%
electric wire	820	230	300	30%
wood	2.800	2.700	3.580	33%
Organic waste				
Foliage-compostable waste	3.780	1.560	0	-100%
hazardous waste for recycling				
old accumulators	7.950	0	0	0%
waste oil	1.640	840	1.760	110%
Total waste for recycling	83.350	93.870	79.910	-15%
Total waste	110.655	181.477	133.268	-27%

Product waste is recycled in a nearby biogas plant, generating green electricity. These quantities therefore do not appear in the table above.

The supplier takes back old PE boxes for reprocessing. Therefore, these are not listed in the table above.

Other environmental impacts

Due to the environmentally friendly processing and packaging of apples and pears, our company minimizes the harmful effects on the environment. The environmental impact from noise is immaterial, the legal limit values are observed.

Environmental program

ENVIRONMENTAL PROGRAM OF FRUCTUS MERAN AG AND EGMA FRUIT AUCTION GMBH
LOCATION VILPIAN FOR THE YEAR 2020

Specific goal	Planned action	respons.	Time frame
Saving electrical energy	Switch lighting gradually to LED (2018-2022)	TE	31.12.2022
Reduce removal by-product	Use 5% of the by-product for the current production	PL	31.12.2023
Reduce plastic and nylon	Check where plastic and nylon are necessary, talk to customers and suppliers about new packaging options.	VK GVK GLB	31.12.2020
Save wrapping film	Reduction in consumption of wrapping film by 50% thanks to better technology	VK	31.12.2020
Promote organic stone fruit cultivation by including it in the range	Certification and support for the processing of organic stone fruit (cherries) products in the fresh fruit sector	EKD	31.12.2020

EGMA fruit auction

Specific goal	Planned action	Respons.	Time frame
Promotion of sustainable agriculture in apple growing	Suggestions and support for the introduction of the AGRIOS and GLOBALGAP cultivation guidelines at our suppliers. Certification 2019 of at least 97% of the acreage for Agrios and 95% of the acreage for Global Gap	VL	31.12.2020
Promotion of sustainable agriculture for berries and stone fruit cultivation	Suggestions and support for the introduction of the GLOBALGAP cultivation guidelines at our suppliers. Certification 2019 of at least 80% of the acreage of the acreage for Global GAP	VL	31.12.2020
Promotion of sustainable agriculture in apple growing	Promote organic goods at Egma.	VL	31.12.2020
Check the plastic packaging for berries and stone fruit	Find and try new packaging	VL	31.12.2020

Measures implemented in the past 3 years

Measure	Implementation
Saving electrical energy	Shut down steam boiler 2 except in the months of October / November, so that approx. 3% savings cannot be measured directly for technical reasons, but savings are available.
Saving electrical energy in fresh fruit	Air scraper in the fresh fruit area at weekends close WE The savings did not affect the total amount, but the savings did
Reduction of 10% consumption of polyethylene in packaging (2018)	Check winding programs and document and monitor exactly 19% less film used for winding
Reduction of 10% consumption of polyethylene in packaging by reducing wrapping film (2019)	Wrapped film changed to a lower thickness and saw further savings, although only changed in November in relation to production consumed - 23% less wrapping film.
Promotion of sustainable agriculture in apple growing	Suggestions and support for the introduction of the AGRIOS and GLOBALGAP cultivation guidelines at our suppliers. Certification 2017 of at least 97% of the acreage for Agrios and 95% of the acreage for Global Gap The goal was achieved with 97% Agrios and 96% haGlobal Gap
Avoid loss of coolant	Installation of freon sensors to quickly detect coolant losses, also in Sinich
Promotion of sustainable and social agriculture	Global GAP Suppliers' Suggestion for GRASP Target 100% was achieved.
Reduce paper consumption	Digitization operation, digital filling of forms, about 6% less printing paper in 2018
Reduction of plastic waste from beverage bottles	Change of beverage bottles in the cafeteria Conversion from PET bottles to reusable bottles with logo with water treatment system in the SP area, bottles for all areas for reuse and for refilling at the water dispensers Saving saved at least 15000 PET bottles in the beginning
Pack and offer organic goods in fresh fruit	Process flow for organic described and controlled certification expanded.
Radix is introduced at EGMA	Saving paper by improving the IT system

Couldn't be realized

Measure	Implementation
Reduction of energy consumption in the infusion production of cans	Not feasible at the moment, will be implemented in a later project.
Certify sustainability.	No approved certification was found next to the existing one

With the environmental management system we want to keep our beautiful location in South Tyrol for the next generations. We keep our technical facilities up to date in order to save resources and reduce emissions and to offer our employees a friendly workplace. We guarantee the best quality in harmony with nature and our employees and partners. The quality management system, with which we have been working successfully since 1996, is continuously improved, adapted and expanded. This makes us a reliable contact for our customers for high-quality apple and pear products. With our HACCP concept, we guarantee the strict hygienic requirements for the food industry. The security of our customers remains our top priority.

We have further improved safety in our company by introducing an occupational health and safety management system in accordance with OHSAS and have adapted the system to the new ISO 45001 standard, which will be certified in 2020. We ensure comfortable working under safe conditions.

We know that we can only achieve all of our goals together with our qualified employees and therefore we want to continue contributing to your specialization through ongoing training. We will continue to strive for innovation and optimization in the future; Quality and product safety for our customers and in harmony with our environment remain our main concerns.

Certificates



ZERTIFIKAT

Die Zertifizierungsstelle
der TÜV SÜD Landesgesellschaft Österreich GmbH
bescheinigt, dass die Organisationen

Fructus Meran AG
EGMA Obstversteigerung GmbH
Sigmund-Schwarz-Straße 2
I-39010 Vilpian



für den Geltungsbereich

Be- und Verarbeitung und Vertrieb von Äpfeln und Birnen,
Herstellung und Entwicklung von Halbfertigprodukten
Versteigerung und Verkauf von Äpfel, Birnen,
Beerenobst und Kirschen

ein Qualitäts- und Umweltmanagementsystem
eingeführt haben und anwenden.

Durch ein Audit, Bericht-Nr. 153160
wurde der Nachweis erbracht, dass die Forderungen der

ISO 9001 : 2015 und ISO 14001 : 2015

erfüllt sind. Dieses Zertifikat ist gültig bis 31. Juli 2020
Zertifikat-Registrier-Nr. QU1530045

Kurt Kefen
Wien, 2017-08-31



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der TÜV SÜD Landesgesellschaft Österreich GmbH
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TUV®





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