

Sustainability
Report
2013



**Agriculture
is our life**



**Agriculture
is our life**





Agriculture is our life

Presentation

3.1, 3.2, 3.3, 3.4, 3.5, 3.6,
3.7, 3.8, 3.9, 3.10, 3.11,
4.9, 4.15, 4.17

IHARA presents for the fifth consecutive year, the Annual Report on Sustainability which comprises the period from January 1st to December 31st, 2013. This document was based on the Global Reporting Initiative (GRI) guidelines, application level “B”, as a joint effort of the United Nations Program for the Environment (UNPE) and the non-governmental organization Coalition for Highly Responsible Economies (Ceres). Financial and economical data were submitted to Price Waterhouse Coopers (PwC Brasil).

IHARA's 2013 Sustainability Report covers the activities of the industrial and administrative headquarters, as well as the research and technological center that are located in the city of Sorocaba, state of São Paulo. The report priority topics, content and scope were determined pursuant to significant economic, social and environmental aspects; which are in compliance with the board of directors planning and strategic objectives.

The company's major accomplishment and challenges herein described are based on new sustainability investments and projects, as well as performance indicators and administration of each project. In this edition we present 25 performance indicators as previously reported in the 2012 report.

We are a Brazilian company with 100% Japanese capital that believes that agriculture is our life. In IHARA's view, it is not enough to produce good products, it is important to render service to our clients with excellence. Consequently, serve our People, our Country, our Planet.

Happy Reading!

For more information contact the
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Message from the CEO

1.1, 1.2

The year 2013 was not easy. In order to overcome the uncertainties of the economical scenario, the dollar upsurge and the bottlenecks in the Brazilian transportation infrastructure; IHARA employees and stockholders needed extra concentration, dedication and attention.

It is in times like these that we realize how important it is to have confidence in our partners who are always by our side.

It is important to know that we are not alone and that our true allies stand by us.

IHARA is powered by challenges. Now, as the company is close to complete 50 years, it is getting ready for the next 50.

In 2013, we built a new distribution center and amplified our plant, creating an extremely safe site to avoid cross-contamination.

In the last two years we invested in automated lines. By these actions, in addition to the modernization of formulation elaboration, bottling and palletizing processes, we have eliminated some repetitive activities, drastically reducing potential ergonomic risks.

We are putting a lot of effort to ensure that IHARA manufacturing processes comply with safety best practices and at the same time render the productivity required by our clients.

We have made extensive investments aimed at a clean and efficient production line. We have improved our security processes and procedures and have also reduced emissions of odor and particles suspended in the air.

These measures not only improved the employees working conditions, but also show respect to the community and the city where we work. At the same time, we have increased productivity that will render more benefits to our clients.

Given the increase of production capacity, we have hired more workers. The number of employees increased from 490 to almost 590. Moreover, occupational security training was reinforced through the joint work carried out by CIPA, the Emergency Brigade and the Specialized Service in Security and Occupational Medicine (SESMT).

Once again, **we assured the renewal of the certificates ISO 9001, 14001 and OHSAS 18001, which attest that we have maintained good practices in management, processes and respect for the human being and the environment.**

In 2013, we have made significant investments in the development and updating of IHARA administration software. Likewise, the research center and the areas of development and personnel management were modernized. The whole lot, so that we can continue evolving in our administration system.

In the next stage, we will conclude the construction of our first WDG plant (line of water dispersible granules). We expect that with this technology we'll be able to supply high quality products

with improved product utilization, shipment costs and water consumption reduction, and modernization of manufacturing processes.

Regarding IHARA administration, sustainability is more than a marketing strategy, and this is why it must start at home. Our Sustainability Committee is operating and will be staffed up in 2014.

We have created a new directorate for institutional relations and conformity that will focus on our concern with regard to regulations, laws, employees conduct, certifications, as well as our clients, suppliers and the environment.

Our efforts reflect the quality of our products, which is fully acknowledged by our clients and suppliers. We are acknowledged by our ethical relationship with our competitors, as well as by the excellent relations with the society in which we are established.

For our satisfaction, we were nominated for the second consecutive time the best agrochemical company of Brazil by the magazine Globo Rural; and for the first time by the magazine Dinheiro Rural. Both awards make us very proud.

We are launching six new products with distinct technology for extremely important crops for Brazilian agriculture, such as soybean, sugarcane, potato, citrus and apple.

In our laboratory, we also have several molecules under development that will bring innovative solutions to growers of a number of crops, as corn, wheat, rice, soybean, sugarcane, coffee and cotton, among others.

With dedication, we are preparing IHARA semicentennial celebration in 2015, speeding investment in research and infrastructure to provide support to the Brazilian market needs.

Thanks to all employees, shareholders and partners who supported IHARA all the way. We know that there's a lot to do, but we are confident in the path that we are treading.

If we remain together, our achievements will be greater in the years to come.

May 2014 be a great year!

Júlio Borges Garcia
CEO IHARA



Entrepreneurial Profile

2.6

IHARA is a Brazilian company with 100% Japanese capital. The majority of its shares are held by seven big Japanese companies: Nippon Soda, Kumiai Chemical, Sumitomo Corporation, Mitsui Chemicals Agro, Sumitomo Chemical, Mitsubishi Corporation e Nissan Chemical.

Juridically, IHARA is a limited liability corporation. This means that the company is not owned by a single person: its capital is divided in shares that belong to several shareholders. Moreover, it is a closed corporation, that is, it doesn't trade its shares in the Stock Exchange.

IHARA statute abides by the norms set forth by the Federal Law of Joint-Stock Company (law n. 6.404/76), also known as the S/A Law. Thus, all the companies that compose IHARA have seats at the company Administration Council, and as such, are entitled to receive dividends from the company.

4.8

MISSION

Contribute to the progress and competitiveness of Brazilian Agriculture.

VISION

- Using creativity and groundbreaking spirit, we shall transform Brazil in the largest agricultural country in the world.
- United by the same purposes at all times, let's make of IHARA a first class company.
- Through confidence and cooperation, let's help each other to improve and make stable everyone's life.



Integrated Management System

IHARA is deeply committed to the principles of sustainable development.

IHARA is deeply committed to the principles of sustainable development. Through the INTEGRATED MANAGEMENT SYSTEM (Policy_sgi_2006) in effect since 2006, the company has performed improvements in the areas of SECURITY, HEALTH, ENVIRONMENT and QUALITY.

As explained by Júlio Borges Garcia, IHARA CEO, the Integrated Management System Politics is a continuous program for the administration of the company's purposes and goals. That is: it is similar to the Constitution or an auto regulation code that provides support to IHARA employees and representatives, so that they keep one eye on the company's commitment to contribute to the progress and competitiveness of Brazilian Agriculture.



Rodrigo Arruda
Agricultural Technician

Cícera Regina da Silva
Intern at the Research Center

Bárbara Mirelli Melo e Castro
Intern at the Research Center

Our Commitment

IHARA invests continuously in research and innovation

- Our commitment is to continuously invest in research and technological innovation in order to add value to business and meet the expectations and needs of our clients.
- Put in practice IHARA Values, Principles and Code of Conduct.
- Comply with the applicable legal requirements.
- Minimize exposure of employees to chemical products by installing automated production lines and be vigilant for Individual Protective Equipment (IPE) proper usage.
- Maintain a policy for prevention of accidents, lesions and occupational disease that may affect the employees' health.
- Ensure a responsible management of solid residues and gas emissions that may cause impact to the environment.
- Reduce the company daily utilization of electric power and water.
- Promote qualification courses for dealerships and growers, aiming at informing best practices of modern agriculture.
- Foster exchange of scientific knowledge with universities, schools, NGOs dedicated to environmental conservation and rural producers throughout Brazil.



Patrícia Tavares de Lira Fernandes
Quality Control Chemical Technician

Our Company

2.1, 2.2, 2.5

Since its foundation 49 years ago, IHARA has aimed at joining the best from Japanese technology with Brazilian skills. Established in March 1965 as Iharabras S/A Indústrias Químicas, the company's mission has always been to invest in research and development aimed at increasing Brazilian agricultural productivity.

IHARA aims at promoting local scientific knowledge. At the company's headquarters in Sorocaba, there is a modern laboratory where scientists develop new products. Research is carried out in several fronts: a group studies how to adapt Japanese technology to develop molecules for Brazilian farming; another group works on the improvement of formulas that are already included in IHARA portfolio, in order to make them more efficient and ecological; the third group concentrates their work in the development of biological products.

Each and every product developed at IHARA laboratory is tested in our Research Centers, and one of them is **a farm area of 56 hectares located at the company headquarters**, in Sorocaba. In this area, 22 technicians and agronomists verify the effects of new substances on more than 40 different crops.

This routine is part of the registration process of new products at Federal government departments. Moreover, it is essential to refine studies of product effect on crops and the appropriate amount that will be employed.

Due to these research programs, IHARA portfolio contains more than 60 products. In 2013 alone five products were launched and another one is waiting for approval of the regulatory departments to enter the market. All these products will fight pests that attack the all-important crops of Brazilian agribusiness, such as soybean, corn and cotton.

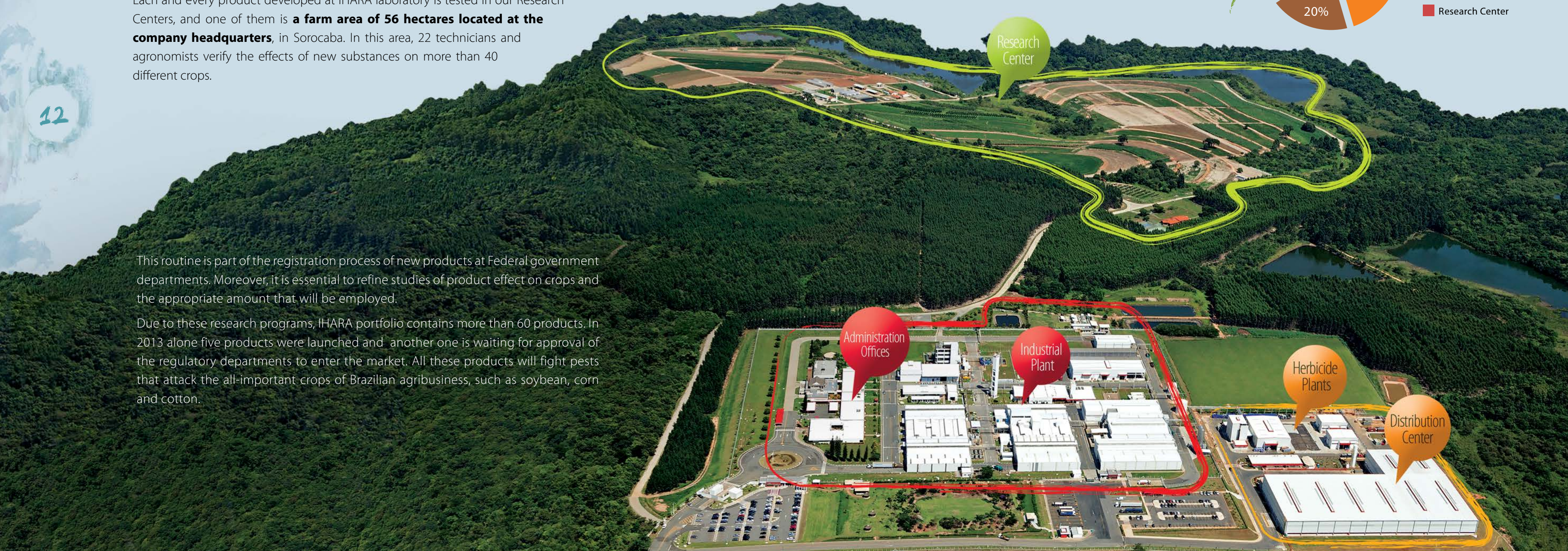
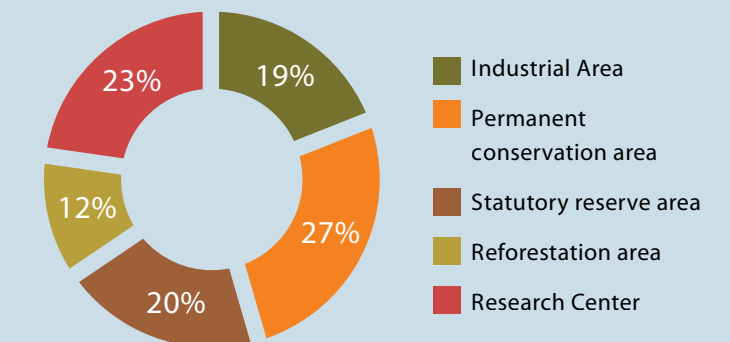
Organization Size

2.4, 2.9

IHARA headquarters occupy an area of 232 hectares, equivalent to more than 230 soccer fields. It is situated in Sorocaba, a city with 630.000 inhabitants located 87 kilometers south of the capital city of the State of São Paulo.

The administration main office, a laboratory, and two chemical plants (one for herbicides only, and the other one for other products such as insecticides and fungicides) are shown in the lower part of the image. In the upper part of the image, it can be seen our research center, accredited by the Ministry of Agriculture, Livestock and Supply (MAPA).

EN11: Location and size of owned, leased or administered areas within or adjacent to the protected areas, and areas with a high biodiversity rate outside the protected areas.



Corporate Governance

ADMINISTRATION BOARD

4.1, 4.2, 4.3, 4.4, 4.6, 4.9.

IHARA's Administration Board meets once every month. Moreover, March is the month the advisers participate in the General Regular Meeting (AGO), an occasion the company takes great interest in discussions on several subjects and the Financial Statements of the preceding year that are submitted for approval.

Administration Board

Sr. Masashi Mizoguchi	President of the Administration Board
Sr. Shoichiro Oka	Vice President of the Administration Board
Sr. Tadashi Tanabashi	Adviser
Sr. Toshiaki Matsushita	Adviser
Sr. Masayuki Okabe	Adviser
Sr. Christiano Ernesto Burmeister	Adviser
Sr. Cristiano Walter Simon	Adviser
Sr. Satoru Takahashi	Adviser
Sr. Júlio Borges Garcia	Adviser

Shareholders Composition

Nippon Soda Co. Ltd.	27,59%
Kumiai Chemical	22%
Sumitomo Corporation	22%
Mitsui Chemicals Agro, Inc.	11,89%
Sumitomo Chemical Co. Ltd.	4,16%
Mitsubishi Corporation	3,64%
Nissan Chemical Co. Ltd.	3%
Others	5,72%



Executive Board of Directors

4.1, 2.9

IHARA organizational structure at its highest level is composed by the Administration Board and the Presidency. The CEO Júlio Borges Garcia is directly responsible for the directorate of the company such as the Industrial, Commercial and Financial Boards, among others (see box below).

The term of office of the current Executive Board started in March 2010 and was reelected in March 18th, 2012 for another period of two years.

The 2012 Executive Board has made an alteration: the establishment of the Board of Institutional Relations and Conformity.

Executive Board of Directors 2013

Chief Executive Officer	Júlio Borges Garcia
Marketing Director	José Gonçalves do Amaral
Industrial Director	Edson Mamoru Narita
Commercial Director	Itamar Moreira Franco
Director of Institutional Relations and Conformity	Milton Ossamu Hiramoto
Technical Director	Hélio Massatoshi Tukamoto
Director-assistant for the Presidency	Kenichi Okubo
General Manager of Controller and Finances	Gustavo Urdan

Responsible Competitiveness

2.6, 4.9, 4.10, 4.11

IHARA believes that compromise on economic growth with sustainable development is feasible.

This is why the company has always guided its operations to level up the economic, social and environmental pillars. IHARA senior management represented by the Chairpersonship, the Administration Board and the Executive Board aims at and encourages responsible competitiveness.

In 2013, in order to define a new strategy, the Sustainability Committee was restructured. It is an advisory board composed by members that were indicated by all the company directors. Its role is to define strategies aimed at objectives and goals in order to foster programs that enhance the efficiency of solid residues generation per total residue produced and avoid water and power waste.

The mission of the new Conformity Board is to fulfill legal norms, policies and rules established by the company, as well as, preventing, detecting and solving any possible non-conformity issues that might come up. Currently, the board is composed of teams of occupational security, sustainability and integrated management system that will assure exemption and guarantee that all the company's processes are complied with.



Strategy and Perspective

MARKETS

2.2, 2.7, 2.9

IHARA's portfolio contains more than 60 products that were especially developed to meet the needs of Brazilian farming. In 2013, the company registered six new agrochemicals, and two products of biological origin – an innovative class that employs live microorganisms modified in the laboratory to act as natural pest predators.

The new products provide Brazilian growers with tools for proper integrated pest management practices. GEMSTAR LC was developed to fight caterpillars of the genus *Helicoverpa* that has caused serious damage to soybean, cotton, corn and other crops.

For the orchardist, we launched VIVIFUL, a growth regulator that is a very effective way of reducing apple tree vegetative growth, improving light penetration and plant photosynthetic efficiency. The outcome is increased productivity and fruit quality.

In addition to RIPER, launched in 2012, the novelty for those who grow sugarcane was the launch of POTTENTE that controls nematodes and allows a fast development of sugarcane plantation.

We have also registered and launched MONCUT, a product with an innovative mechanism of action, which is highly effective in the control of *Rhizoctonia solani* in potato crop.

Registered initially for the control of stink bugs that attack soybean and rice crops, it was launched INCRIVEL, an excellent insecticide that is highly safe and with a technological edge. It will be soon available for other cultures.

And other novelties are coming up. For the citriculturists, we will launch OKAY in 2014, to control citrus red mite, a pest that is currently accountable for major economic losses in citriculture.

OKAY has been endorsed by the Ministry of the Environment and the National Health Agency (Anvisa). As soon as the Ministry of Agriculture, Livestock and Supply (MAPA) sanctions these products, they will be available at IHARA dealerships throughout Brazil.

It is worth reminding that IHARA has several other formulations that are undergoing development, which shall make a difference in the years to come.

Enio Cassio Nogueira Prates
Agricultural Technician



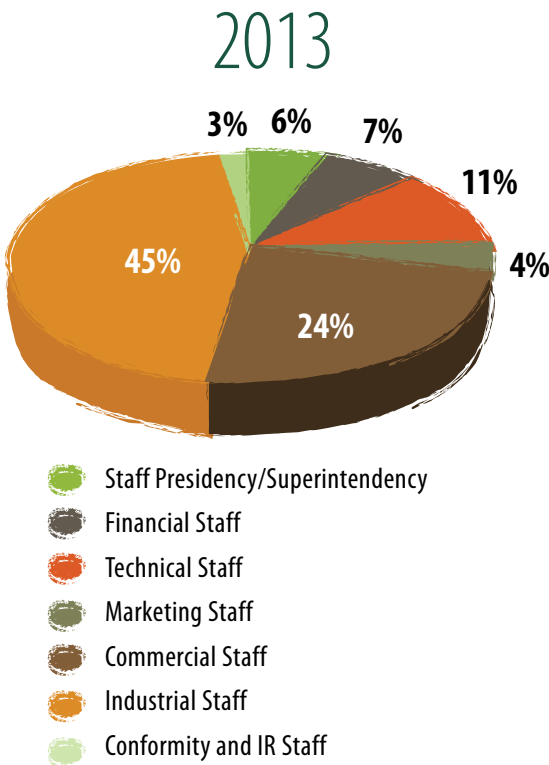
EMPLOYEES

2.3, 2.8

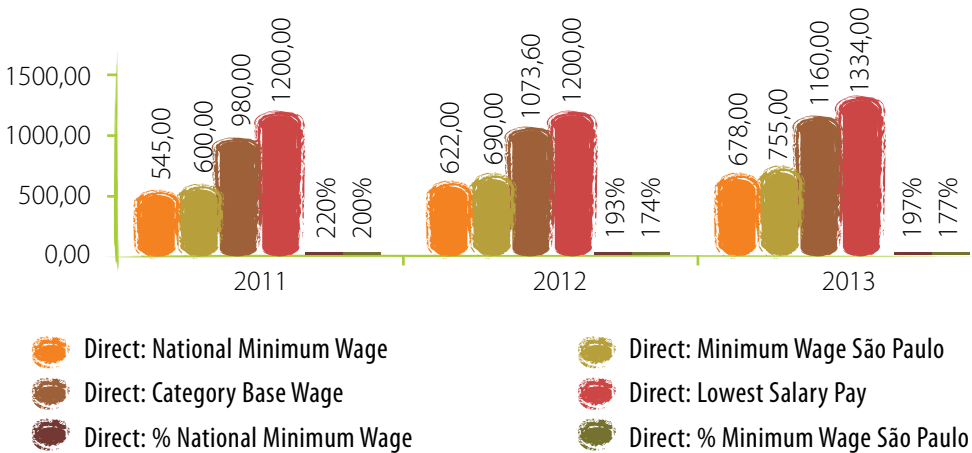
Given the expansion of the industrial park that increased the production capacity of IHARA, the total number of workers increased 19% in 2013. The total number of employees jumped from 491 to 584. The teams that were staffed up the most were Industrial (44 people), Technical (20 people), Commercial (10 people), Financial (8 people) and Marketing (7 people). Moreover, a new Department of Institutional Relations and Conformity was created with 16 employees.

La 1. Total number of workers by job type, job contract and region.

	2011	2012	2013
Total workers	403	491	584
Type of contract	447	521	617
Permanent Workers	403	491	584
Temporary workers	44	30	33
Presidency Staff/ Superintendence	43	43	37
Financial Staff	34	36	44
Technical Staff	34	44	64
Marketing Staff	19	21	22
Trade Staff	110	130	140
Industrial Stall	163	217	261
Conformity & IR Staff	-	-	16



EC5: Variation of the lowest salary compared to the local minimum wage in relevant operational units



LA2: Total number and turnover rate of employees by age range, gender and region

	2011	2012	2013
Dismissed (Male)	83	99	103
Dismissed (Female)	31	21	17
Age Range up to 25 years	16	25	105
Age Range from 26 to 30 years	43	55	187
Age Range from 31 to 35 years	28	20	123
Age Range from 36 to 40 years	11	12	85
Age Range from 41 to 45 years	10	3	44
Age Range above 45 years	6	5	40
Admissions (Year)	105	208	213
Dismissals (Year)	113	120	120
Turnover (Monthly Average)	2,4%	2%	1,72%
Turnover (Annual Average)	26,9%	25%	21,3%
Profile by time in the company up to 05 years	266	372	446
Profile by time in the company from 06 to 10 years	78	67	60
Profile by time in the company from 11 to 15 years	30	25	46
Profile by time in the company from 16 to 20 years	10	9	14
Profile by time in the company from 21 to 25 years	12	11	7
Profile by time in the company from 11 to 15 years	7	7	11
Distribution by gender Female	76	96	110
Distribution by gender Male	327	395	474
Total employees	403	491	584



Thiago Tadeu Panica
Gardener

Performance

AWARDS

2.10

In the year 2013, IHARA was acknowledged as one of the most relevant companies in Brazil. For the second consecutive year, we were nominated as the Best Company of Agrochemicals by the team of the magazine Globo Rural, Editora Globo. The award was given last October at the launching of Globo Rural Directory 2013. "The sight of IHARA being nominated as the best in two consecutive years inspires us to continue looking for greater objectives," asserted IHARA CEO Júlio Borges Garcia.

The day after the award was formally bestowed; IHARA offered a feast to communicate the achievement to all employees, and thanked them for their dedication since their role was an essential part in the feat. On this day, each employee was invited to harvest a fruit from a tree that was strategically placed at the restaurant exit. It was IHARA symbolic gesture to show that the fruits of this achievement should be shared by all the company's members.



Standing from the left to the right side: Rodrigo, Nacata, Marcio Clésio, Douglas, Julho Chacon, Barbara, Taiana, Cicera Regina, Lourdes.
Below, from the left to the right side: Marcos, Junior, Ademir, Antônio, Eveli, Silvio, Michel, Samuel, Ênio, Éder, Larissa, Murilo.

Another honor that made IHARA proud was the Entrepreneur Friend of Sports Award 2013. The award was created by the Ministry of Sports to pay homage to companies that support athletic and parathletic projects sponsored by the Sport Incentive Law. IHARA was awarded the 2nd place in the category "Dedication and Incentive to Sports," as an acknowledgement for supporting the judo team of Esporte Clube Pinheiros and the Half Marathon of Curitiba (read more about investments in the Social Responsibility section.).

IHARA also featured the Melhores e Maiores directory published by the magazine Exame (Editora Abril) jumping for the 138th position to the 97th among the Greatest in Agribusiness. The company also featured Época Negócios directory in the 360th position (Editora Globo) and the magazine Valor 1000 published by the newspaper Valor Econômico.

Closing this perfect year, in November IHARA was chosen as the best Fertilizer and Agrochemical Company in Brazil by the magazine Dinheiro Rural. This was the first time that Editora Três, the periodical publisher, carried out the assessment of the 500 biggest agribusiness companies in Brazil. The result was published in the directory As Melhores da Dinheiro Rural. "For IHARA this acknowledgement is not only about this year, it is about decades of dedication to Brazilian agriculture," asserted the company marketing director, José Gonçalves do Amaral.



Eliana Tashiro, among other awarded people during the event

Best of Agribusiness Award
GLOBO RURAL MAGAZINE



Alessandro Gazzinelli de Barros, Hélio Tukamoto, Eliana Tashiro, José Gonçalves do Amaral, Leonardo Araújo, Gustavo Urdan

PROJECTS FOR HUMAN DEVELOPMENT

4.7

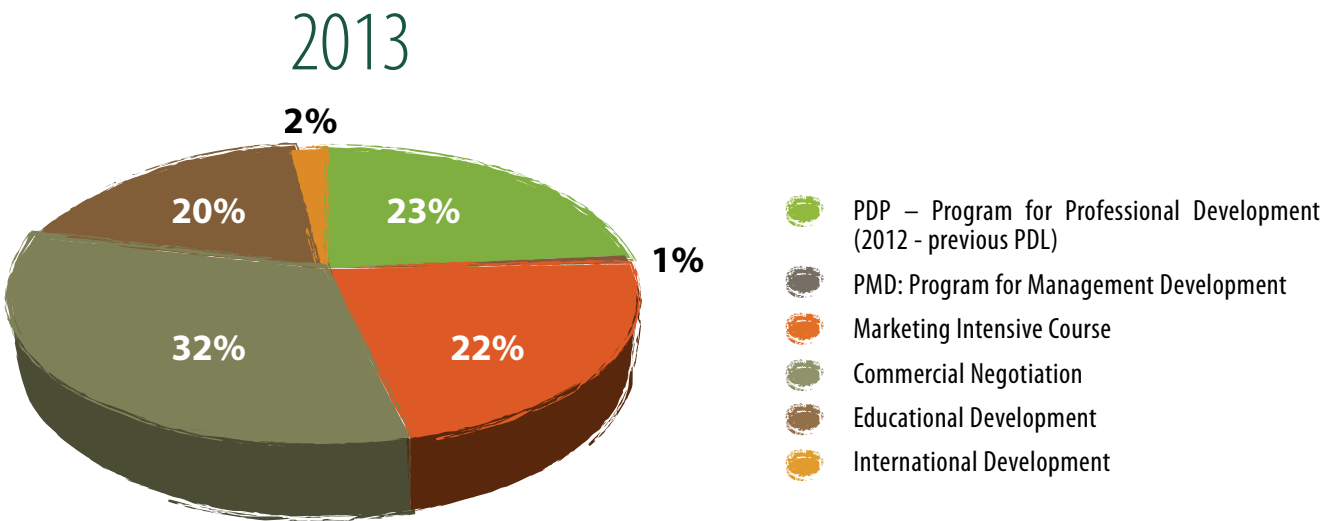
In 2013, IHARA strengthen the Project Startup, a program for trainees that recruits 30 Agronomy students every semester. The college students that were selected have the opportunity to acquire experience during the 6-month internship in the company through a program that in addition to complementing their technical education, prepares them for the field daily chores. The training is supervised by Sales Technical Administrators (STAs) who act as tutors, helping the students develop skills that are essential to build a good relationship with the growers, the community and the suppliers.

IHARA sales team considers the Project Startup as a door open for new talents. Trainees that stand out have the opportunity to be hired as STAs. The goal for 2014 is to create a trainee program for the administration sector of the company, recruiting students from other courses such as Business Administration and Economy.

Among the Programs of Management of Qualifications and Continuous Learning, there are other important programs such as Manager Development and Professional Development that offer recycling courses for professionals at the managerial and operational levels. Moreover, there are more courses on the web offered through e-learning system. Among the main modules offered in 2013, leadership, confidence and quality administration should be highlighted.

In addition to working with essential concepts of Marketing and sales techniques, training aims at reinforcing IHARA BELIEFS and VALUES.

LA11: Programs for administration of qualifications and continuous learning that are the base for employees' job maintenance and career-ending management.



In order to assure the employees wellness, IHARA encourages physical activities and offers balanced meals in the restaurant menu.

IHARA also offers other continued education programs. In 2013, the incentive program for language courses was extended. Instead of 10 employees, now 70 employees receive scholarships to study English.

The day-care center was extended for six years. All pregnant employees or those who have just returned from maternity leave have access to the Program of Assistance to Childbearing Employees that fosters ergonomic measures to provide extra comfort, distinct work schedule and an extra week to rest subsidized by IHARA, so that the mothers can spend more time with their babies.

In 2013, it was launched the Project Viva + that counts on PE teachers from the Social Service of the Industry (SESI) of Sorocaba to perform physical evaluations of the employees and direct them to sports activities. Likewise, a physiotherapist offers to IHARA's employees daily sessions of gymnastics and massage.



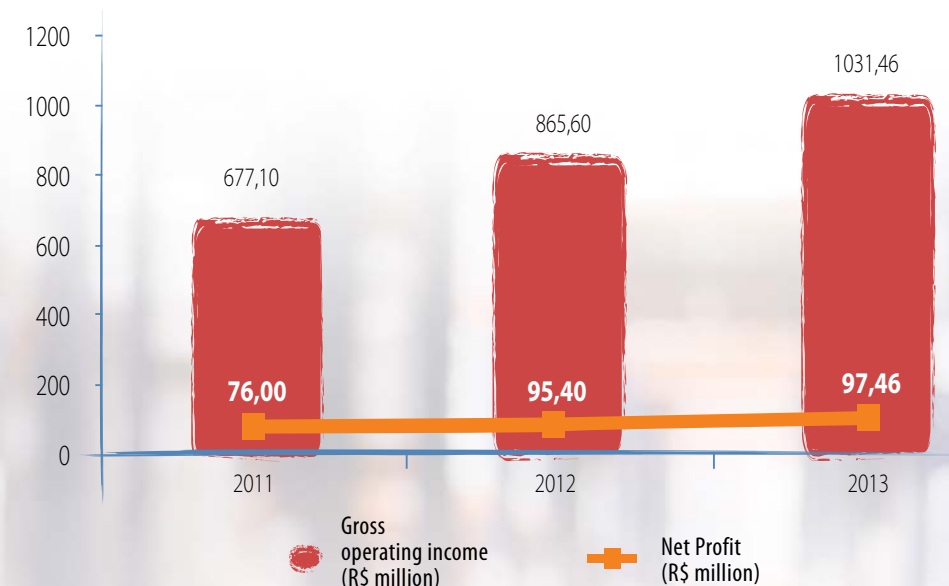
Telma Iorio Marques
Cook Assistant

ASSETS

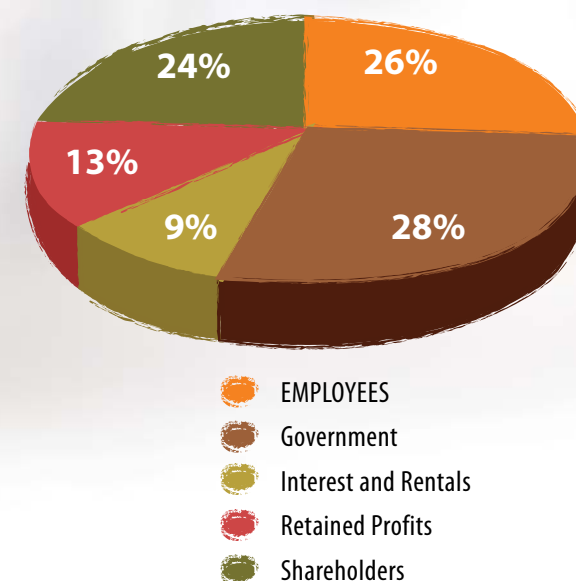
2.8

IHARA is a limited liability closed corporation. The company's 2013 billing was of R\$ 1.03 billion. Its net profit was of R\$ 97.46 million.

EC01 - Direct economic value generated and distributed, including revenue, operational costs, employee remuneration, donations and other investments in the community, accrued profit and payment to capital providers and governments.



Dividend distribution 2013



Itamar Romani
Distribution Center
Inspector

PILLARS OF SUSTAINABILITY

4.9

In IHARA's Beliefs and Values statement, it is clear that the company will never give up on ethics in exchange of profit at any cost. What really matters are the sustainable outcomes. The company believes that its greatest mission is to serve Brazilian growers, providing solutions to improve yield and crop quality. All of this, but keeping good will to serve our clients with excellence and consequently, Our People, Our Country and Our Planet.

- We believe that by being ethical, modest and engaged we can overcome expectations and amaze the concerned parties.
- Grand realizations do not occur overnight; they are the result of the sum of small step-by-step conquests carried out with determination and courage.
- We share and rejoice our conquests by strengthening relationships and by immediately searching for new challenges.
- We develop agricultural solutions. We work to serve the rural producer, because they are the reason of our existence.
- We are a Research and Development company. Innovation and strategic alliances join forces, so that these objectives are attained.
- We are united as a family, we are one for all. Our strategic moves are concerned with the collective.
- We rather respect the knowledge acquired by experience than theoretical knowledge; nonetheless, the later cannot be disregarded.
- No matter the issue, our decisions are based on loyalty, justice, courage, love and humbleness, in this order.
- We are responsible for our company, our trademark and our image. We are proud of our 'IHARA's Way'.



SUSTAINABILITY

2.9, 4.11, 4.12, 4.17

IHARA believes that Earth, Water and Air are the most important assets of humanity, and nurturing the world and conserving these assets is true sustainability. This is why the Company continuously invest in its improvement and development and stands by sustainability principles. Our mission is to produce quality products that can be used with security in order to increase crop productivity without damaging the environment.



Leave of absence and death due to intoxication by incorrect use of agrochemicals are old issues in Brazil. Although IHARA products have never been connected with intoxication cases, the Company decided to create CULTIVIDA, a program that fosters good agricultural practices and fosters conscious-raising work aimed at decreasing intoxication cases as the result of incorrect use of agrochemicals.

CULTIVIDA program fosters awareness workshops and provides specialized medical care in cities where it is customary the occurrence of cases of contamination by inappropriate use of agrochemicals. In order to do so, it counts on the fundamental support of their dealerships and local town administrations. In 2013, about 1,400 people attended the program that was carried out in four cities: Caxias do Sul (RS), Petrolina (PE), Santarém (PA) and Jaguaré (ES).

The workshop lasts two days. In the first day, the toxicologist Ângelo Trapé meets the health agents of the region to provide guidance about monitoring, diagnosis and refer the cases of contamination suspicion. On the second day, the focus is on the rural producers and their families. While the parents are instructed about the need to use individual protective equipment (IPE) and the right way to wash and store clothes that were used during product application, their children watch a theater play about the theme and receive a booklet about best practices in the utilization of agrochemicals.

Junior Bernardino Isabel
Agricultural Technician

Contract with the Planet

SO1

Did you know that each inhabitant of the planet emits in average 7 tons of carbonic gas per year into the atmosphere? (Source: NGO Iniciativa Verde) In order to offset the effects of this emission, it would be necessary to plant 38.9 trees. As a program designed to alert the Brazilian people about the need to do something to reduce this impact, IHARA created the project "Contract with the Planet", an entertaining interactive questionnaire available at the site of the company for everyone.

In December 2013, IHARA took part of the **1st Scientific Show for Young Talents of Sorocaba promoted by Universidade Estadual Paulista (UNESP)** with the theme Environment and Sustainability. UNESP awarded the best scientific projects in the categories elementary school and high school. And IHARA encouraged the students to sign several contracts with the planet.

Access:

www.sustenteihara.com.br
and sign a contract with the planet!





IHARA SUSTAINABILITY PROGRAM

SO1, 4.16

Besides Cultivida that provides support to subsistence farming, IHARA fosters a sustainability incentive program. IHARA SUSTAINABILITY PROGRAM is a national competition aimed at acknowledging and divulging sustainability projects developed by cooperatives, producers and resale aimed at reducing the impact of their activities on the environment or recovering devastated areas.

The program objective is to promote our commercial representatives and our clients' engagement in socioenvironmental actions in their communities. In 2013 total registration reached 84, a record. Selection started in September when companies, cooperatives and producers from all around the country submitted their projects over the Internet. In the next step, IHARA Sustainability Committee gathered to evaluate each initiative. The result was divulged in December, and the authors received prizes in money and commemorative plates.

In order to apply, each client presented a project with the following:

- Description of the management tools of the company (as environmental management system, etc.);
- Description of best practices and technologies which are available for control and prevention of pollution and protection of natural resources;
- The obtained results, including cost-benefit ratio, environmental and social benefits;
- Integration and harmonic relationship between the stakeholders;
- Local and regional engagement level to the project.



Modernization of the Industrial Park

2.9, EN3, EN4

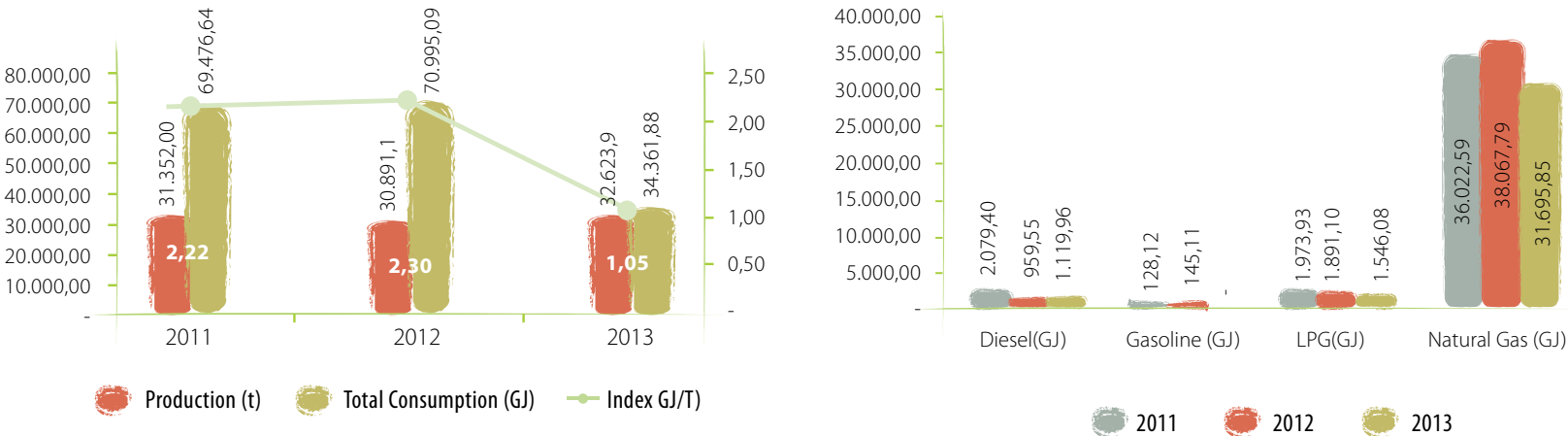
On the brink of completing 50 years, IHARA has taken measures to “be prepared for the next 50 years”, as asserts CEO Júlio Borges Garcia. Among them are the investments in technology and ampliation and modernization of the industrial plant.

In the period from 2012 to 2013, warehouses, an herbicide plant, a distribution center, and a number of new constructions were built. Owing to the new constructions, IHARA building area is approximately 45,000 square meters.

In addition to increasing the storage capacity IHARA invested in new formulation processes and purchased new mills, new centrifuges and also modern and more efficient engines.

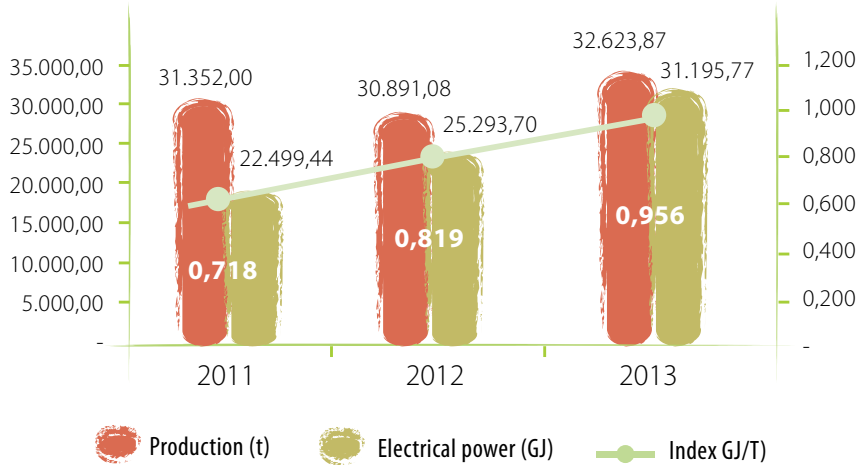
Given the magnitude of the extension of the building area and production increase, there was a considerable increase in electrical power consumption. On the other hand, IHARA reduced fossil fuel consumption, as Diesel, according to graphic EN3. The reason is that IHARA is changing its energy matrix. We have negotiated with the energy company and now, we don't use diesel generators in the periods of greater demand.

EN3- Direct power consumption discriminated by primary energy source



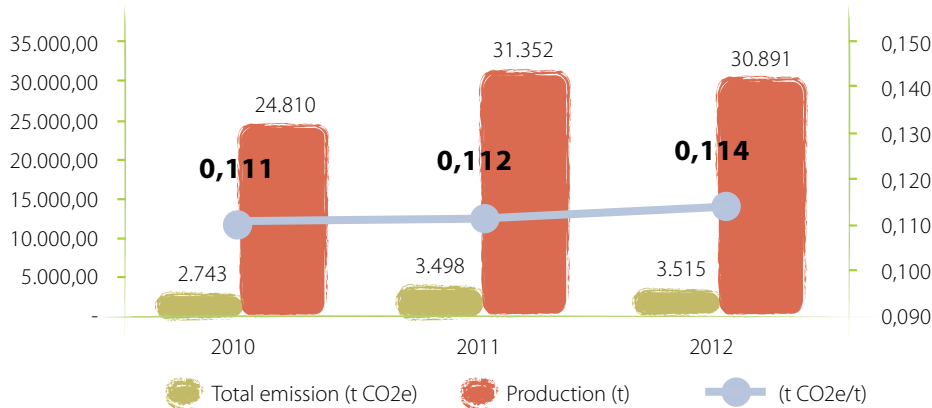
It is expected that in 2014 energy consumption will decrease gradually. First of all, because construction is coming to an end and electrical power consumption will decrease. Moreover, given the new plant architectonic set up; improved air circulation and luminosity reduce the need, for instance, of artificial illumination.

EN4- Indirect power consumption discriminated by primary energy source



Greenhouse gas emissions, calculated for the 2012 period and based on the GHG Protocol methodology, represented an increase of 0.5% in 2011 and 3% in 2010. When the efficiency indexes are compared with the amount of emission of CO2 equivalent per ton produced, there was an increase in the index of 3% representing the efficiency per unit produced. Even with the increase in emissions by combustion (stationary and mobile), the efficiency was reduced only 2% in comparison to 2011.

EN16-Total direct and indirect greenhouse effect per weight

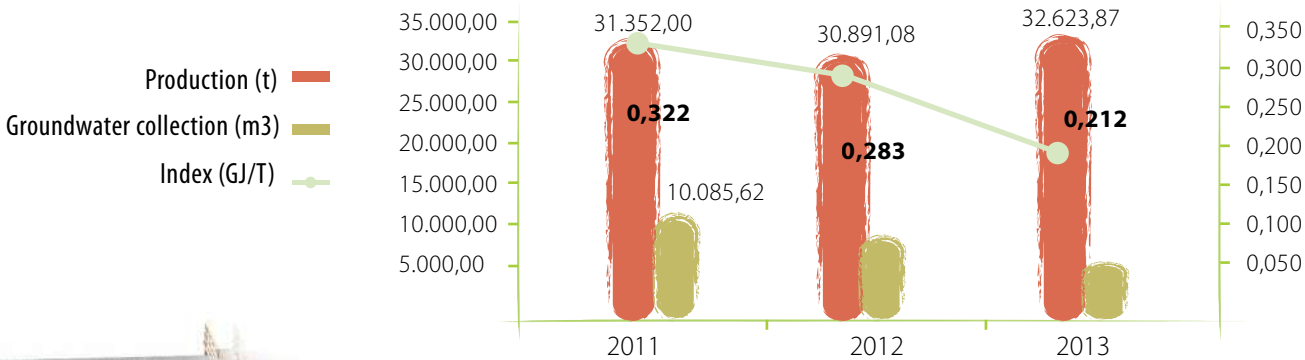


Wastewater Treatment

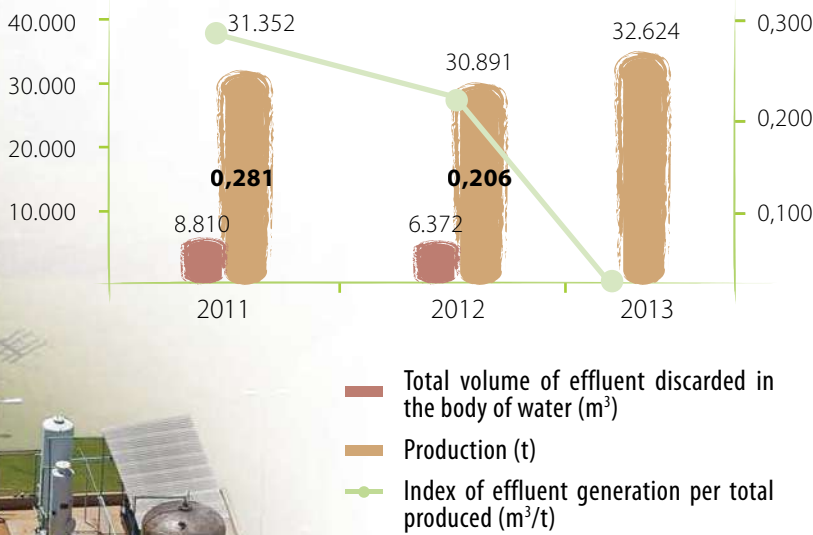
In the past years, environmental legislation has led the companies to search for solutions and make their processes more efficient. IHARA went beyond and inaugurated in November 2012 an **Wastewater and Rain Water Treatment Plant (ETEA)**. The effluent treated in this plant returns to the process. The water utilized in the production is treated through reverse osmosis, a highly efficient system. After treatment, this water is employed to cool tanks and boilers. A year or so after ETEA was inaugurated, 100% of the effluent generated at IHARA production line is treated and reutilized for cleaning, washing and cooling equipment.

In 2013, groundwater consumption efficiency in cleaning and decontamination processes is 34% higher than the previous years.

EN 8 – Total water drawn per spring



EN 21 – Total disposal of water by quality and destination



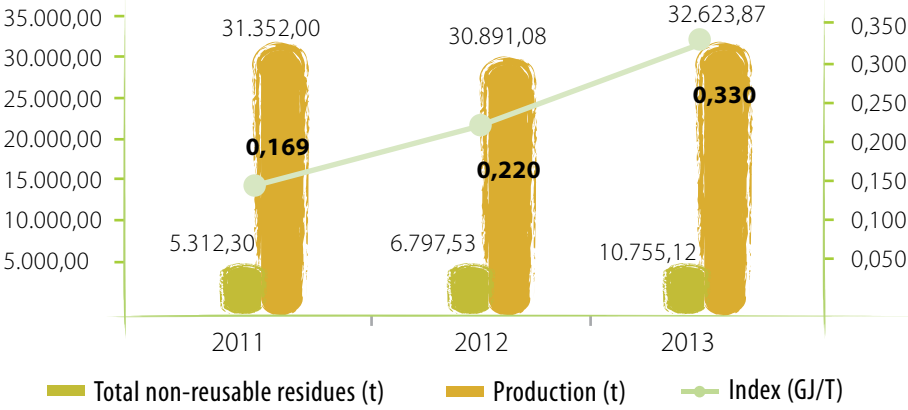
Management of Residues

4.12

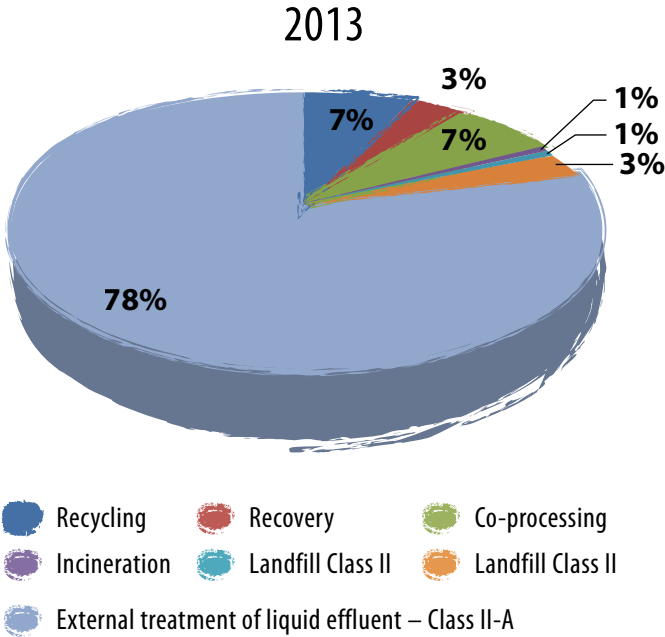
At IHARA the management of residues is monitored point to point. The company counts on a residue center that meets all the storage requirements. In this center, a specialized team is responsible for verifying that the disposal process fulfills the applicable legal requirements.

In 2013, the company registered an increase of 58% of residue generation. In the next years, IHARA has to face the challenge of significantly reducing this index of residues per total production.

EN 22 – Residues total weight per type and disposal method



IHARA maintains a permanent program of selective collection that carries out recycling of residues produced in the company such as glass, plastic and metals. Regarding disposal of agrochemical containers, IHARA is a member of the National Institute for Processing Empty Containers (Inpev), an entity in charge of collecting agrochemical containers in Brazil. As IHARA, other 97 Brazilian industries support Inpev, helping them to mitigate risks and avoid contamination of the soil and groundwater. Hence, nowadays Brazil is a world reference in the collection of agrochemical containers: given that our country collects 94% of the total, Germany collects 60% and the United States only 35%.





Bruno Barbosa Siqueira
Production Manipulator

Edemilson de Oliveira Lima
Production Manipulator

Preventing Contamination

4.11

In 2013, IHARA concluded the process of separation of the herbicide plant from the other sectors of the company. Now there are two distinct industrial plants at IHARA, one exclusively for herbicides and the other for insecticides and fungicides.

In addition to being 200 meters apart from each other, the employees who work in one plant are prevented from entering the other plant by the efficient electronic access control.

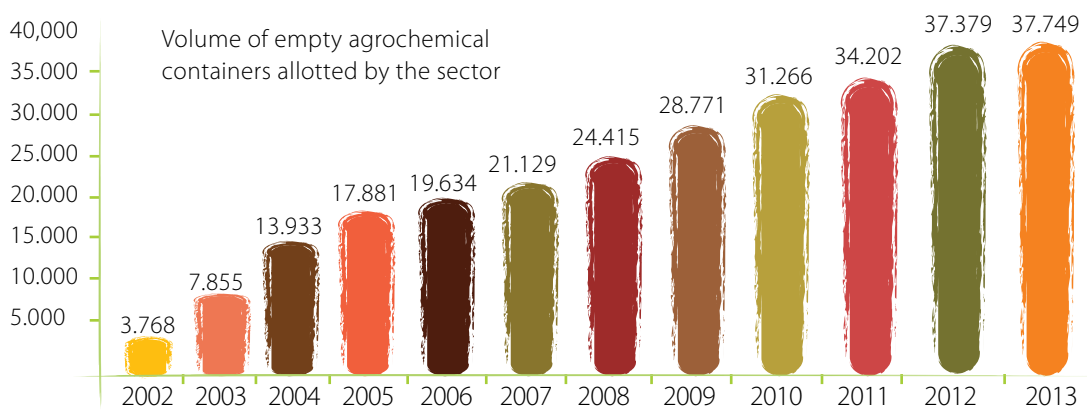
All the equipment and installations of each unit, as laundry and a canteen, are segregated. And more: the residues generated in both production lines are discarded separately in order to avoid any risk of cross-contamination. Jointly, these measures with care and vigilance will help keep the control of cross-contamination risk.

By building the new industrial plant, IHARA fulfills its goal aimed at investing in infrastructure that increases the safety and quality level of agrochemical production and storage. Moreover, the plants are equipped with a new modern system for odor and microparticles before they are released into the atmosphere. These systems reduce the risk of contact of employees with strong smells and dust.



Everton Prioli
Chemical Technician
in Quality Control

EN 27 – Percentage of products and their containers in relation to the total of products sold by product category



Source: INPEV (<http://www.inpev.org.br/>) – Accessed in January 2014.

2013 Data are represented from January to November 2013.

EN26, EN30

In 2013, the Environmental team implemented an innovative solution for the disposal of organic pasty residues that are leftovers from the synthesis process. Using a technique called hydro-jetting, it was possible to liquefy the solidified residues and give the residues a new destination. Previously this material was incinerated, now it is liquefied and sent to a specialized company that co-processes the paste, that is, it is used as fuel in clinker ovens (cement factory). Less than a year ago, IHARA defined an appropriate destination for 100 containers of this material. It was a solution developed internally by the company's team, and they solved an old problem. Now the focus is to reduce the generation of this residue in the process.

Safety, Health and Environment

EN26, EN30, LA6, LA7, LA8.

In 2013, IHARA launched a new policy in the occupational safety area. The company amplified the utilization of check lists, that is, continuous checking and rechecking processes of more than 40 procedures. Its objective is to assure that the occupational safety culture is present in each stage of production, and that each checked step becomes a routine, as the routine carried out in a surgery room or in the airplane cockpit.

The more the employees are trained on the several steps of their job, the less is the risk of mistakes that might result in accidents. The proposal is that a number of members of each team develop a technical view of the production stages, in order to detect any issues in the production line.

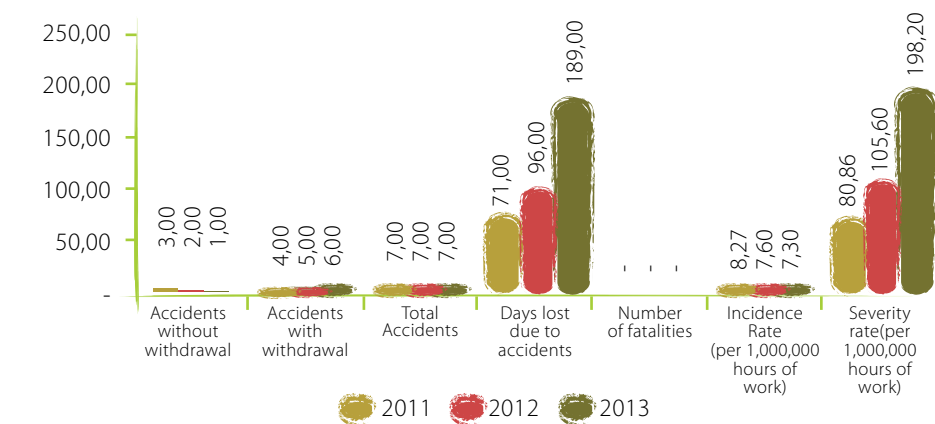
All investments were considered in accordance to the three pillars of sustainability. Each implemented improvement aims at increasing product parity, in order to offer better security and comfort to our employees in the workplace environment and eliminate risk of damage to the environment.

In July 2013, an emergency simulation was carried out at IHARA involving a leakage simulation of a chemical product. This simulation was part of the final training event of Firemen from the Fire Department of Sorocaba and Region in partnership with our company. The presence in the event of the Military Police helicopter "Águia" and the Navy of Brazil was unprecedented in the region.

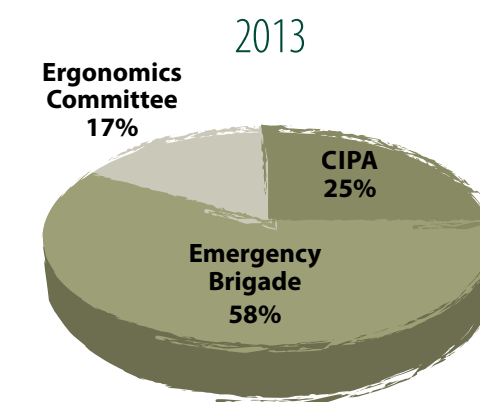


Members of Fire Department of Sorocaba and Region, Military Police of Sorocaba, Emergency Brigade of the Navy of Brazil and IHARA Patrimonial Security Employees and members of the emergency brigade of IHARA (2013). (from left to right): Bruno Mion, João Henrique, Rodnei Meira, José Roberto da Silva, Raimundo Renato de Freitas, Marcos César de Jesus, Célio Ayres, Itamar Romani.

LA7 Rates of Lesions, occupational diseases, missed days, absenteeism and obits related to work



LA6 – Percent of employees represented in Formal Committees of security and health



In 2013, IHARA registered 7 occupational accidents, number that was equal to the previous year. However, the incidence rate reflects a 4% improvement, given that the number of working hours was greater than in 2012. Likewise, the number of employees increased 19%.

The Internal Commission for Accident Prevention (CIPA) operates together with the Team Safety Technicians to raise the employees' awareness about risk perception and mitigation in the working environment, thus reducing the number of accidents per hours of work.

IHARA main occupational aspects improved in 2013, particularly due to the production segregation in two different plants. The new facilities are equipped with a modern exhaust system that improve air quality inside the plant and reduce employees contact with suspended particles, as well as respect to the environment. The automated production line also benefits the workers, eliminates workers' repetitive movements such as removing containers from the conveyor, and piling them up on the pallets.

Relationship with Stakeholders

EMPLOYEES

4.7, 4.14

A big differential at IHARA is that the industrial plant, the administrative office and the research center are located in the same site. This model offers a greater interaction between managers and employees. The company looks after the wellness and security of all employees and aims at contributing for their personal and professional development.

A physiotherapist comes to the company headquarters every day to conduct gym sessions, as well as attend emergency calls and provide therapy in case of accidents. IHARA also has a physiotherapy room where employees can receive specialized treatment indicated by their physician.

The novelty in 2013 was the inauguration of the gym with a capacity for 30 people. Surrounded by glass walls with a view of IHARA Park, it is nice to have contact with nature while exercising in modern equipment.



Carla Suelen Teixeira Ferreira
Physiotherapist

Thiago Bueno Consul
Intern

IHARA Individual Performance Analysis

LA12

Starting in 2013, the employees' Individual Performance Analysis is done twice a year, instead of only once. The assessment diagnoses 100% of employees based on concepts such as leadership, innovation, implementation, implementation, confidence, communication and qualifications that are specific for each position. At the end of the process, the employee's manager will provide a critical analysis of his/her performance with positive points and suggestions regarding what can be improved. According to the Department of Human Development by giving the employee the opportunity to discuss his/her performance every six months, it is possible to act faster to solve problems that might be affecting efficiency and wellness of each employee.

MECHANISMS OF PARTICIPATION

4.5, 4.10

IHARA encourages and values the participation of employees in the company's administration process. The bearings and strategies of the company are defined by the board of directors and other leaders through annual committees, such as the budget planning and strategic meetings.

Employees also have active participation in the decisions: they are present at planning, budget meetings and several other meetings in which strategies and goals are defined for each sector.

IHARA carries out periodical surveys about organizational ambiance. Employees are also encouraged to participate in specific surveys developed by publications, as the newspaper Valor Econômico; the magazines Você S/A and Exame.

The Program Participation in Profit and Results (PPR) started in 1995 and is officially acknowledged by the Chemist Union and registered in the Ministry of Labor. In order to assure full transparency to the process throughout the year, a commission elected by the employees themselves oversees PPR process, determining goals and following up the degree of fulfillment in each sector.

COMMUNICATION CHANNELS

In a way to maintain the employees informed about what happens of most relevant at the company, the communication area keeps the Interconnected Program. This program is present in many channels, such as e-mail, boards, and notices posted on murals.

Every two months, the company Communication Department publishes IHARA em Notícia, a newsletter that brings the novelties from each sector. The

newsletter also brings health tips, celebration of the birth of employees' children and news about awards received by IHARA in the period. Internal circulation of the newsletter is a job carried out by the "Committee IHARA em Notícias" [IHARA in the News], and every employee receives a copy (electronic or printed).



CLIENTS

4.14

The Program Taiô is the main and largest investment program for IHARA's preferential clients. Its objective is to promote development based on a sustainable framework.

After a detailed discussion about the potential of the region where the client Taiô operates, and using the tools developed at IHARA as a Business Plan, goals are jointly established. The client has the right to a number of benefits when the goals are attained due to the implementation of the action plans designed by IHARA team and the client. These benefits are mainly focused on providing the client with technical, administrative and managerial knowledge, so that the he can take IHARA portfolio and render quality services to the rural producer.

All Taiô clients were gathered in the city of Natal, state of Rio Grande do Norte in 2013. This meeting afforded opportunities to discuss relevant subjects related to client services, market information and a lecture about ethics presented by Mr. Clóvis de Barros Filho from Espaço Ética.



Speaker Clóvis de Barros Filho
Espaço Ética

STRONG PLANT SYSTEM

Launched in 1997, the Sistema Planta Forte IHARA [Strong Plant System] divulges concepts of sustainability, equality, and productivity in agriculture. Its objective is to train the rural producer to diagnose diseases, pests or issues that limit quality and productivity of their crop.

The concern of Strong Plant System goes farther than phytosanitary control issues: it fosters good practices with regard to soil formation, constitution, fertility, and management until harvest time. The program offers support to the producers related to application techniques, tuning-up machines and other matters that affect growers' profit. In other words, the Strong Plant System shows in practice that "Agriculture is our life."



Throughout 2013, during encounters to exchange information, the entire IHARA research team (agronomists, chemists and researchers) discussed extensively the difficulties the growers find in the field. The meetings about the Fungi, Insect and Herb programs brought together 300 people. These meetings provided information that will be the basis to improve our technological development processes. We learned a lot with the field masters and would like to thank them for the opportunity to interact and exchange experiences.

Composed by a group of IHARA distributors, its objective is to contribute to the progress of the Brazilian HT, integrating regional actions with ethical, professional and sustainable approach, adjusting the market links.

Thiago Carvalho dos Passos
Cargo Mover



SUPPLIERS

4.14, HR1, HR6, HR7

At IHARA raw materials and packaging homologation is performed within a long-term vision.

Act locally and think globally. This is the strategy of IHARA Supply sector to improve its intelligence system that engages from relationship with service providers to the development of packaging, including trend monitoring to find the best negotiation conditions for the company.

At IHARA raw materials and packaging homologation is performed with a long-term vision. Every contract of IHARA with its suppliers contains specific clauses regarding respect to human rights and the environment, and ban on slavery and child work. Periodically, our team audits suppliers to verify the conditions and procedures of the contracted company, and if the applicable legal requirements are complied with.

CONSUMERS

4.14, 4.16
PR1, PR3

Consumers are increasingly concerned with the quality of food served on their table. This is the reason agrochemical registration process is becoming more and more restrictive worldwide. IHARA faces these restrictions not as a drawback, but as a challenge. We challenge ourselves to be more and more innovative and secure.

IHARA's greatest challenge is to promote leading edge technology to develop molecules that meet the highest standards. The company spares no effort to face the challenge to increase productivity in the field, preserving the health and safety of rural producers and their families.

When an IHARA product is launched in the market, it has already consumed six to eight years of research and fulfilled all the necessary requirements to ensure farmer safety and environment conservation. And in order to complete this virtuous cycle, it is essential that good agricultural practices guidance be effectively fulfilled.

ASSOCIATIONS

4.12, 4.13, 4.14, 4.16

- ABNT** – Brazilian Association for Technical Norms
- AMCHAM** – American Chamber of Commerce
- ANDEF** – Association for Plant Defense
- CIESP-SP** – Center of Industries of the State of São Paulo
- CIESP-Sorocaba** – Center of Industries of Sorocaba
- COSAG** – Agribusiness Superior Council of the Federation of Industries of the State of São Paulo
- FEQUIMFAR** – Federation of Workers of the Chemical and Pharmaceutical Industries of the State of São Paulo
- FNQ** – National Foundation on Quality
- GBCA** - Brazilian Group of Cotton Advisors
- GTACC** - Group for Technical Assistance and Consultancy in Citrus
- ILSI** – International Life Science Institute
- INPEV** – National Institute for Processing Empty Containers
- SINDIVEG** – National Union of the Industry of Plant Defense Products (formerly Sindag)
- UNESP** – University of the State of São Paulo Júlio de Mesquita Neto

SOCIAL RESPONSABILITY

4.16

IHARA Social projects result in direct and indirect contribution to the Brazilian society. Every year, the company allots part of its tax budget to laws of incentive to culture and sports. The company believes that by effectively using these fiscal incentive mechanisms is a contribution for a better Brazil. **In 2013, IHARA approved an investment of R\$ 570,000.00 in several projects:**

Incentive Laws	Project Name	Proponents	Value in Reais
Lei Rouanet	Concerts Brazil	Maroto Cultural &e Artistic Productions	320.000,00
	Integral Admittance	Presbitarian Communitary Association	11.500,00
CMDCA (Municipal Council of Child and Adolescent Rights)	Child and Adolescent Halway House José Vicente da Silva	AMA-Association of Aracruz Residents	11.500,00
	Project Viver	Cultural and Social Service Center Iiso José Webber - Coxilha	11.500,00
	Youth Symphonic Orchestra Nova Mutum	CULTURAL AND SOCIAL ASSOCIATION OF NOVA MUTUM	11.500,00
	General Refurbishment of the Physical Structure of Pestalozzi Association	PESTALOZZI ASSOCIATION OF CATALÃO	11.000,00
	Social Work of Grupo Espirita Eurípedes Barsanulfo	SPIRITUALISM GROUP Eurípedes Barsanulfo	11.500,00
	Toy room of Knowledge	APAE - Campo Verde / MT	11.500,00
Elderly Law	Elderly- Life and Movement	Home São Vicente de Paulo Maringá	26.700,00
	Suitability of the Activity Room	Lar da Amizade Association	26.700,00
	SUPPORT TO THE ELDERY	Hospital Pio XII Cancer Hospital of Barretos	26.600,00
Sports Law	Run and Walk for a Healthy Life 4	Culture and Social Sports Association - Rede Acesso	90.000,00
Total non-incentive actions:	Brazilian Society for the Japanese Culture	Sponsorship to the 43rd Kyoshi Yamamoto	5.000,00
	School Bezerra de Menezes		10.000,00
Total			585.000,00

ABOUT THE REPORT

3.12, 3.13

The Sustainability Report GRI IHARA 2013 offers relevant information for clients, suppliers, stockholders, NGOs, communities, employees and other strategic stakeholders who are interested in IHARA productive chain.

The answers to the items in the sections and indicators of Global Reporting Initiative (GRI) version 3 refer to IHARA activities during the year 2013. IHARA declares that this report corresponds to application level “B”.

IHARA's 2013 sustainability report corresponds to the application level “B” of the Global Reporting Initiative (GRI)

Report Application Level	C	C+	B	B+	A	A+
Result	1,1 2.1 a 2.10 3.1 a 3.8, 3.10 a 3.12 4.1 a 4.4, 4.14 a 4.15	External Verification	Answer all the criteria listed for Level C AND: 1.2 3.9 to 3.13 4.5 to 4.13, 4.16 to 4.17	External Verification	The same is required for Level B	External Verification
Result	Not required		Information about the Management Procedure for each Indicator Category		Divulged Management Procedure for the indicator category	
Result	Answer at least 10 indicators for Performance, including At least one of each of the following areas of Social Performance, Economic and Environmental performance.		Answer at least 20 indicators of Performance, At least one of each of the following areas of Economic, Environmental, Human Rights, Labor Practices, Society, Product Liability performance		Answer each essential indicator of G3 and the Sectorial Supplement with duly consideration to the Material Principle in one of the following procedures: a. in reply to the indicator or b. explaining the reason for omission	

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SO5	Public policy positions and participation in public policy development and lobbying.....	-
SO6	Total value of financial and in-kind contributions to political parties, politicians, and related institutions by country.....	-
SO7	Total number of legal actions for anticompetitive behavior, anti-trust, and monopoly practices and their outcomes.....	-
SO8	Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with laws and regulations.....	-

Product Responsibility

PR1	Life cycle stages in which health and safety impacts of products and services are assessed for improvement, and percentage of significant products and services categories subject to such procedures.....	44
PR2	Total number of incidents of non-compliance with regulations and voluntary codes concerning health and safety impacts of products and services, by type of outcomes.....	-
PR3	Type of product and service information required by procedures, and percentage of significant products and services subject to such information requirements.....	44
PR4	Total number of incidents of non-compliance with regulations and voluntary codes concerning product and service information and labeling, by type of outcomes.....	-
PR5	Practices related to customer satisfaction, including results of surveys measuring customer satisfaction.....	-
PR6	Programs for adherence to laws, standards, and voluntary codes related to marketing communications, including advertising, promotion, and sponsorship.....	-
PR7	Total number of incidents of non-compliance with regulations and voluntary codes concerning marketing communications, including advertising, promotion, and sponsorship, by type of outcomes.....	-
PR8	Total number of substantiated complaints regarding breaches of customer privacy and losses of customer data.....	-
PR9	Monetary value of significant fines for non-compliance with laws and regulations concerning the provision and use of products and services.....	-

INSTITUTIONAL INFORMATION

Júlio Borges Garcia | Chief Executive Officer

José Gonçalves do Amaral | Marketing Director

Edson Mamoru Narita | Industrial Director

Itamar Moreira Franco | Commercial Director

Milton Ossamu Hiramoto | Conformity and Institutional Relations Director

Hélio Massatoshi Tukamoto | Technical Director

Kenichi Okubo | Chairperson Assistant Director

Gustavo Urban | General Manager for Finances Control and Finances

Coordination and Execution:

Sustainability

Vinícius Panebianchi dos Santos

Corporate Communication

Eliana Tashiro

Journalist

Sara Duarte Feijó

Graphic Project

Agência Quadri

Photography

Tiago Ribeiro

Print

Gráfica Paratodos

Paper

Reciclato 300 gr (Capa)

Reciclato 150 gr (Miolo)

