



PERFORMANCE REPORT 2021

GENERAL HIGHLIGHTS

Poultry, pork and cattle



20,876 thousand employees, producers, vertically integrated operations personnel and third party drivers were trained



\$ 154.210,528 million was the investment in Animal Health and Welfare in Brazil in 2021



Launch of the Global Goals and Commitments for 2030, as the development of the **Global Animal Welfare Scorecard**



Launch of the Brazilian and the **Global Animal Welfare Policy**



BBAFW - JBS was ranked **Level 3** in the **Global Animal Welfare** ranking in 2021



[VISIT THE WEBSITE](#)

INVESTMENTS

Animal Welfare in Brazil

Certifications

Transportation

Campaigns

Support for research and **project development**

Equipment and infrastructure **in the factories**

Training and consulting

Investments poultry and swine farms and cattle feedlots

Technology and Innovations



CATTLE 2021 REPORT



Support for research and development:

Implementation of the "Cattle Branding Reduction Project" in 4 pilot farms, with the objective of improving the good management practices of identification — which stopped making, at least, 65 thousand firebrands in their animals. RBP is an initiative promoted from a partnership between BE.Animal Consulting, the Group for Studies and Research in Ethology and Animal Ecology (ETCO), connected to the Paulista State University (Unesp), and (Orvalho das Flores) Farm, with the support of JBS and the companies MSD Animal Health and Allflex.



Training of Suppliers: Insertion of the Animal Health and Welfare module in the "Fazenda Nota 10" program, which is composed by 5 sections: General Aspects; Nutrition and Feeding; Environment; Health and Management, in more than 350 farms in the 2020/2021 crop year..



Launching of the Animal Health Manual: Creation of a library with topics on good animal health and welfare practices on the Friboi cattle breeder's website, suppliers training.

CERTIFICATES



PAACO Animal Welfare Certification, **totaling 17 Friboi units audited by a third party**



Supply Chain Protocol Certification, **audited by a third party in 100% of Friboi slaughter units**



CATTLE 2021 REPORT



Cattle Transportation: JBS expanded its double deck trailers cattle transport fleet with hydraulic elevator, by acquiring 50 more vehicles with a new height of 4.70 meters, ensuring more comfort and safety for the animals, totaling more than 350 modern vehicles, designed to promote animal welfare during transportation.

Travel Time: Average distance between farms and harvest plants of 211 km and 90% of trips below 8 hours in 2021 with an average time of 4.9 hours.

Friboi feedlots: Installation of monitoring cameras in the handling corral of the Terenos/MS unit, totaling the use of this tool in almost 70% of the units in operation. Training of more than 50 employees in animal handling and welfare through a specialized partner company

Training of employees: More than 3480 employees that work in the corrals and slaughterhouses, cattle transport and suppliers were trained online and live, by third-party companies specialized in animal welfare.

POULTRY AND SWINE 2021 REPORT



TRAININGS

More than 300 employees were trained in 100% of the poultry and swine slaughtering units and/or corporate areas, among them, those responsible for animal welfare, quality assurance analysts and coordinators, and operation leaders.

The training was given by BEA Consultancy, a company accredited by MAPA for specialized training in pre-slaughter handling.

Internal training: more than 3 thousand employees involved in Animal Welfare activities received internal training on the subject.

CERTIFICATES

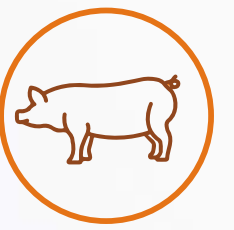
03 poultry units are certified in Humane Farm Animal Care (HFAC). They are: Amparo, Nova Veneza and Uberaba.

03 units are certified in Good Production Practices (Global Gap), including Animal Welfare. They are: Itapiranga, Ipumirim and Nuporanga

Certification based on the NCC (Poultry) and NAMI (Swine) standards, carried out by auditors certified by PAACO (Professional Animal Auditor Certification Organization), in 15 new units (Caxias do Sul, Forquilha, Ipumirim, Itapiranga, Montenegro, Nova Veneza, Nuporanga, Seara, Sidrolândia, Três Passos, Ana Rech, Carambeí, Dourados, Itapiranga and São Miguel do Oeste), as well as the maintenance of this certification in the Itapetininga unit.

DATA FROM OUR FIELD

Swines



BREEDING

Teeth wear: Maintenance of the policy of abolishing the practice of teeth wear

Surgical Castration: 100% of the slaughtered animals raised by the company were slaughtered without surgical castration

ACTIONS AND PROJECTS

Construction of 210 thousand vacancies of 100% acclimatized and suitable nurseries, to ensure better parameters of animal welfare. **Commitment to house 100% of the nurseries in acclimatized environments by 2023.**

Construction of **36 thousand positions** for matrices in the "cover and release" system.

Participation in discussions and alignments with **animal protection organizations (WAP and 3T Alliance).**

"Coffee with Stakeholders" Program: Moment of interaction between **Seara and BEA market leaders.**

Implementation of financial incentive to integrated producers, **to adapt production structures to the best Animal Welfare practices.**

DATA FROM OUR FIELD

Swines

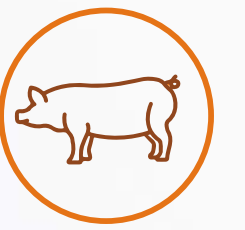
ACTIONS AND PROJECTS

The implementation of environmental **enrichment in the rearing facilities is in progress;**

The piglets' rearing facilities are 100% acclimatized, which ensures the control **of the adequate environment for the piglets;**

The new projects adopt the "cover and release" system, allowing the sows, after being artificially inseminated, **to be housed in the collective system.**

Elaboration of incentive policies for the adaptation of facilities, transforming individual gestation cells into collective gestation stalls. **The adaptations consider the maximum period of 28 days of gestation in individual cages.**



DATA FROM OUR FIELD

Poultry

BREEDING

Cage-Free: Seara concluded the goal of acquiring eggs as raw material, exclusively from cage-free origin.

However, in 2021, this scenario changed with the acquisition of Bunge's margarine and mayonnaise assets.

These new products that integrated Seara's portfolio will have until 2025 to make the transition regarding the origin of the raw material.

In 2021, the volume of cage-free eggs acquired correspond to 54% of the total purchased.

100% cage-free: All laying hens, which provide fertile eggs to the broiler production chain.



DATA FROM OUR FIELD

Poultry

ACTIONS AND PROJECTS

Density: 43% of the birds raised by the company were housed with a density lower than 30 kg/m² and an average of 35 kg/m², well below the maximum of 39 kg/m² defined by the company.

Beak trimming: Beak trimming is not performed on broilers.

Dark time: Minimum dark time of 6 hours per day.

Ambience and air-conditioning: Implementation of 1.22 million m² of broiler facilities focused on Animal Welfare.

Facilities: Implementation of 174 thousand m² of high-tech matrices for broiler production.

Transport: Trucks have trackers to monitor internal and external trunk temperature, door opening, travel time and speed for 1-day-old chicks.

