МХП
АГРОІНДУСТРІАЛЬНИЙ ХОЛДИНГ

Vinnitsa Poultry Farm LLC

Branch "Poultry Complex" of Vinnytsia Poultry Farm LLC

The enterprise was founded in 2011, and the following year the first poultry being placed in the barn

Today, the enterprise is certified according to the Global S.L.P. standard.

GLOBAL
SMART.
LIVESTOCK.
PRACTICES.

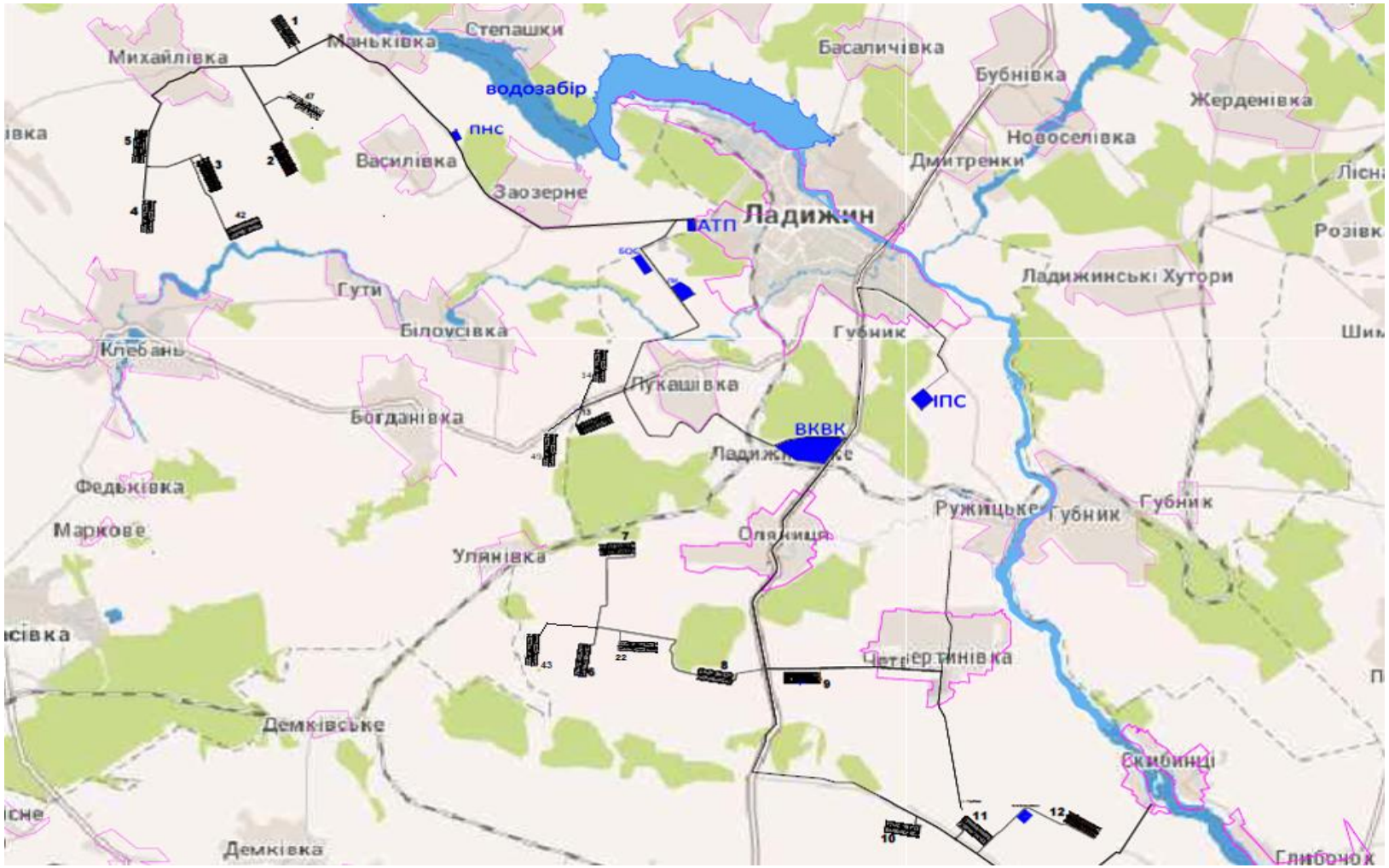
Vinnytsia Poultry Farm LLC

The enterprise comprises the following production units:

- 19 poultry farming sites, each with 38 barns, for a total of 722 barns.
- IPS (incubator-poultry station) for 144 incubators and 112 hatching cabinets.

Location of poultry farming production sites

They are located in the Tulchyn and Haisyn districts of the Vinnytsia region.

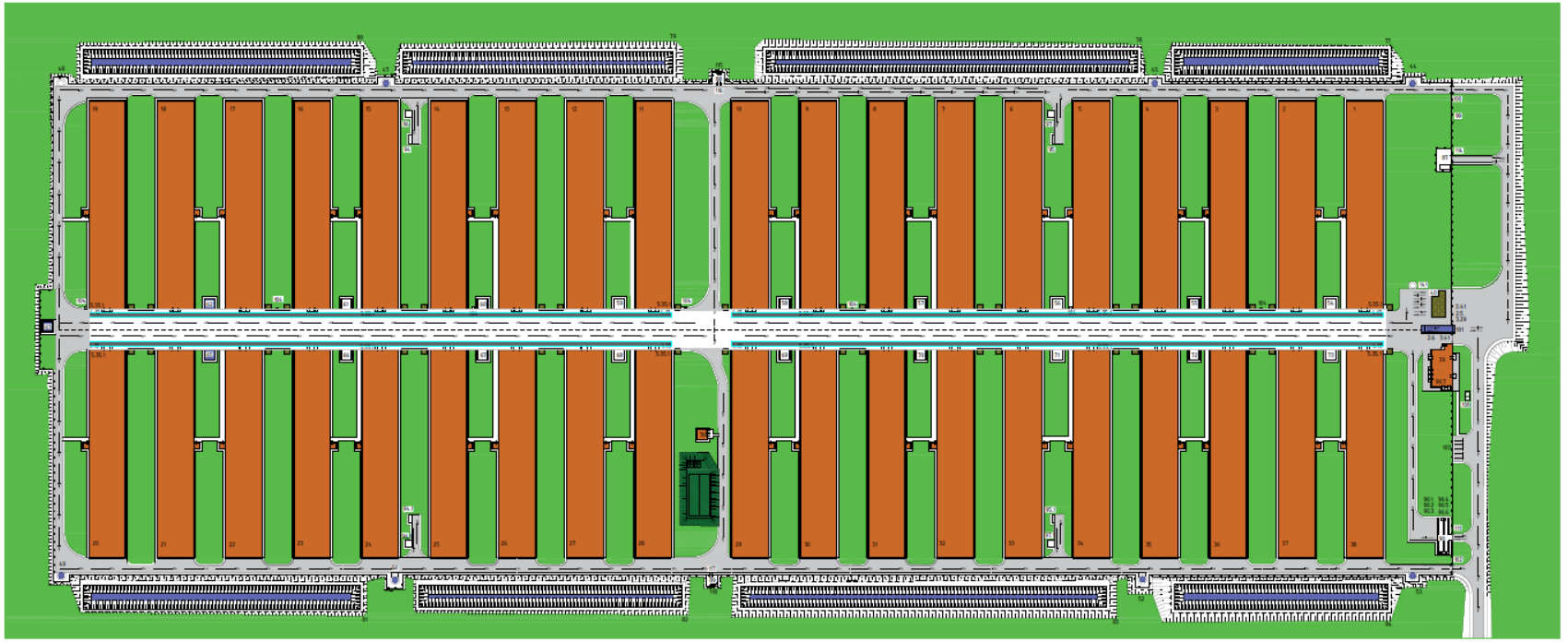


General biosafety requirements and movement control within the enterprise

The strategy for ensuring adequate biosecurity at poultry production sites and incubation and hatching units is based on the implementation of standard preventive operating procedures:

- isolation of production facilities;
- control of access and movement;
- compliance with sanitary and hygienic requirements;

Production area layout



Умовні позначення

1–38 Пташник
39 Санпропускник
40 Склад комбікормів
41 Дезбар'єр
44,45, Жижезбірник для дощових вод
47–50, з бокових доріг
52,53
54–63 Жижезбірник для стічних вод від миття
65–73 пташників
75 Резервуари для води
76 Насосна станція водопостачання
77–84 Випаровувачі
87 Газорегуляторний пункт блоковий
88–89 Шафовий регуляторний пункт
90 Майданчик для контейнерів сміттєзбірників
94–95 Дизельна електростанція
94.1-95.1 Дизельна електростанція
96–97 Трансформаторна підстанція
96.1-97.1 Трансформаторна підстанція
99 Огорожа
100–102 Автомобільні ворота
111 Автомобільні ворота
103 Стоянка
104 Біотуалети
108 Септик
114–118 Хвіртка
141 Жижезбірник для дощових вод з центральної дороги

основний напрямок руху;
інші зони при надзвичайних ситуаціях і аваріях;
5.35.1 знак 5.35.1 Пішохідний перехід ;
4.13 знак 4.13 Доріжка для пішоходів ;
пішохідна доріжка;
3.41 дорожній знак 3.41 Контроль ;
2.5 дорожній знак 2.5 Перевага зустрічного руху ;
3.29 дорожній знак 3.29 Обмеження максимальної швидкості (5км/год);
2.6 дорожній знак 2.6 Перевага перед зустрічним рухом;
90.1 контейнери для технологічних відходів 0,8 – 1,1 м.куб.;
90.2 контейнер для люмінесцентних ламп 1шт;
90.3 контейнери для твердих побутових відходів 0,8–1,1 м.куб.;
90.4 контейнер/сітка для твердого пластику 2м.куб.;
90.5 контейнер для макулатури 0,8–1,1 м.куб.;
90.6 контейнер для склобою 3м.куб.;
90.7 контейнер для гострих предметів 1шт;

Main processes at the poultry production site

Key processes during the rearing period of poultry:

- Preparing poultry premises/ barns for stocking
- Placement of poultry
- Vaccination of poultry
- Thinning of poultry
- Main slaughtering of poultry

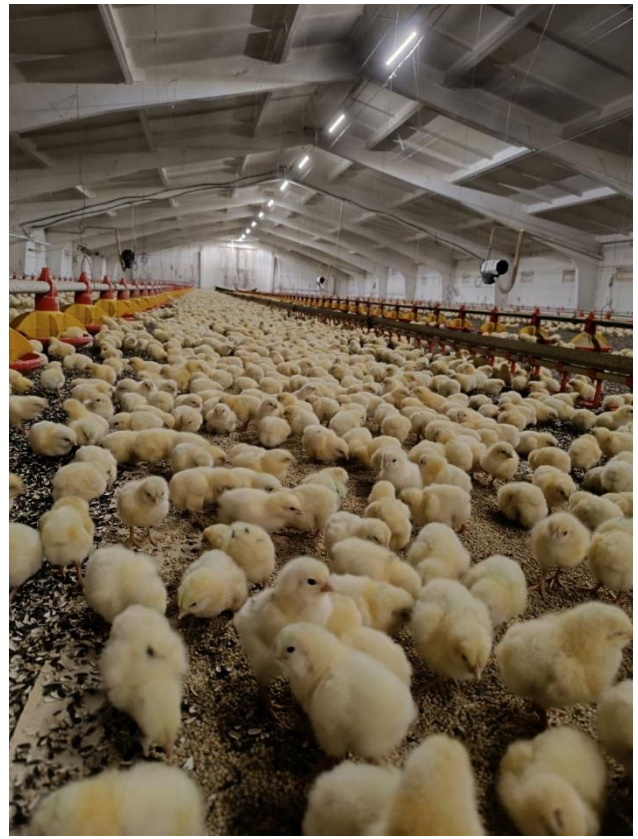
Capacity of the incubator and poultry station

The **annual volume** of eggs we incubate is approximately 295 million, from which we obtain approximately 265 million chicks.

On average, we incubate about 25 million eggs **per month**, from which we get about 23-24 million chicks.

The process of placing day-old chicks in the poultry farming area

The process of placing day-old chicks takes place in poultry houses, where all the necessary conditions for their growth and development are created.



Anti-epizootic measures for the prevention of major infectious diseases in poultry, or the process of vaccinating poultry

Vaccination is first carried out on day 0 at the IPS (incubator-poultry station), followed by vaccinations on days 7, 14 and 21 of poultry rearing, directly at the poultry rearing production sites.

Methods of implementation at the IPS: injection method, spray method.

Methods of implementation at production sites: spray method, drinking method.

Vaccination is carried out by employees of the poultry veterinary treatment section.

The process of thinning and the main slaughter of poultry

- In order to comply with legal requirements and ensure animal welfare, flock thinning and slaughter processes are carried out.

- The process of flock thinning occurs at the age of 25-33 days.
- The main slaughter of poultry occurs at the age of 42-47 days.

Main processes at the poultry farm during the sanitary and preventive break

- Cleaning process
- Washing process
- Technical maintenance
- Moist disinfection
- Whitewashing process
- Delivery of bedding material
- Aerosol disinfection process
- Sanitation of poultry premises/ barns

The use of modern technologies and systems in broiler farming.

Modern broiler production actively implements the latest technologies and systems, which allow to increase productivity, reduce costs and ensure high product quality.

The basis for the application of modern systems is microclimate systems, which allow for much faster and higher-quality creation of comfortable conditions for broiler growth and development.

Microclimate systems, computer control

🔧 **Key elements of the microclimate system :**

• Ventilation and heating

• Air temperature and humidity control

💻 **Modern management technologies:**

• Computer programmes automate processes:

– ventilation control

– water and feed consumption control

– analysis of temperature and humidity in poultry houses

SAP

Power BI

ZABBIX

ZABBIX

SAP

SAP is an automated process management system that helps control and manage poultry production using computer technology. Today, SAP has been implemented at the incubator and poultry station, which allows for centralised management of all production processes, real-time monitoring of microclimate indicators, reduction of the human factor and increased accuracy of decisions, optimisation of costs and increased production profitability. In the future, it is planned to implement this system in poultry production areas. Scaling SAP in poultry farming is a powerful strategic step that will significantly increase efficiency and control over all stages of production.

Advantages of SAP scaling in poultry farming:

Key advantages:

- Process integrity
  All data is collected in one system - planning, accounting, microclimate, resource consumption.
- Automated control of growing conditions
  Loading of actual parameters (age, weight, temperature, humidity) for scenario formation.
- Operational analytics
  Real-time decision-making based on accurate data.
- Effective resource planning
  Forecasting of feed, water, veterinary, and personnel needs.
- Full traceability
  Quality control at every stage of the poultry life cycle.
- Flexible scaling
  Quick connection of new sites to the existing structure without loss of efficiency.

Result:

Faster response, higher product quality, reduced losses, improved biosecurity and poultry welfare.

ZABBIX

ZABBIX

Zabbix is a monitoring and data collection system that allows you to monitor the status of equipment and technological processes in production in real time.

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The production department employs a team of production analysis specialists who provide round-the-clock continuous monitoring of production processes in all areas of poultry farming. The main task of the team is to predict and prevent accidents at production facilities. In the event of equipment malfunction or unusual situations, specialists respond promptly and notify the necessary services.

Special attention is paid to preventive measures. By analysing microclimate parameters and water and feed consumption, they are able to identify potential problems and avoid emergencies.

This department has only recently begun operating, but it has already made the work of section managers much easier. The company works with live poultry, so it is necessary to be constantly in touch. Previously, the sections were monitored by section managers at night, but now we have responsible specialists who respond quickly to malfunctions and inform the relevant services using a monitoring system. This approach allows us to maintain high performance indicators for the entire company.

Power BI is a modern tool for analytics and data-driven production management

📊 **Advantages of using Power BI in business analytics :**

- 🔹 **Data visualisation** — clear graphs, charts and dashboards that make information easier to understand
- 🔹 **Quick analysis — interactive reports with real-time updates**
- 🔹 **Integration with other systems** — SAP, Excel, SQL, Dynamics, etc.
- 🔹 **Reporting automation** — regular updates without manual intervention
- 🔹 **Mobile access** — convenient viewing on smartphones and tablets
- 🔹 **Flexibility in configuration** — the ability to adapt to the needs of a specific enterprise
- 🔹 **Improved decision-making efficiency** — access to analytics enables faster response to changes

💼 *Power BI is not just reports, but a tool for strategic business management.*

VPF Dashboards

📋 **Dashboards in broiler farming**

This is an interactive control panel that :

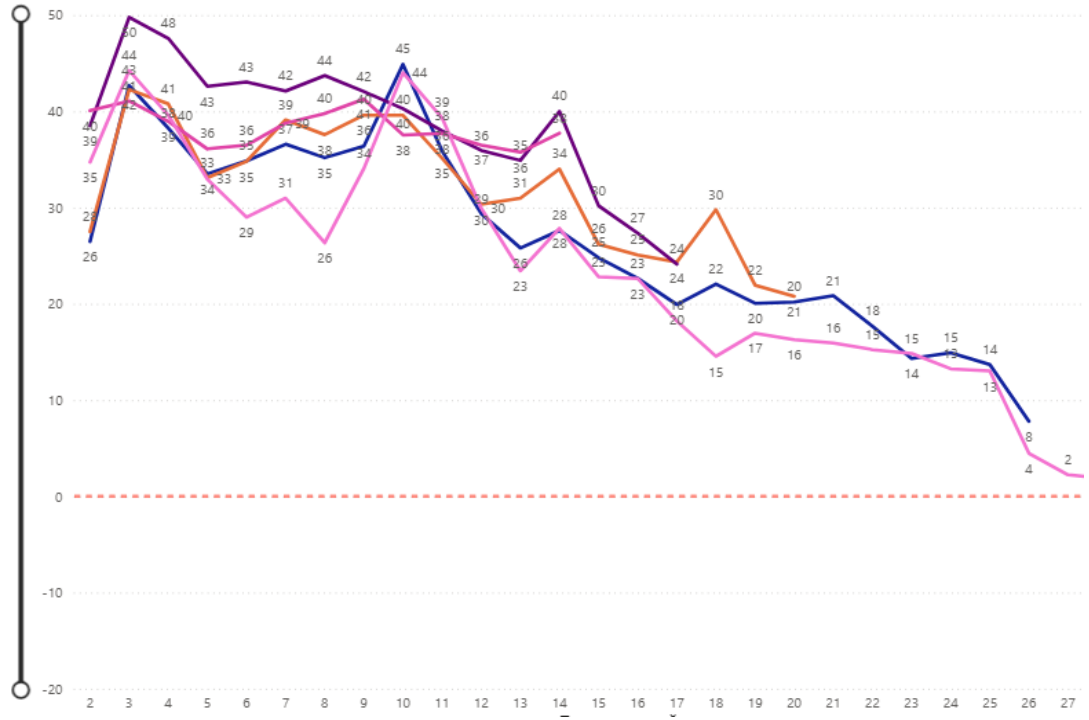
✅ Displays key indicators in real time

✅ Allows you to quickly monitor the microclimate, feed and water consumption, and livestock growth.

✅ Helps quickly identify deviations and prevent problems

✅ Facilitates informed management decisions

✅ Reduces staff workload through automated monitoring



📈 **Analytical system for poultry farming: in-depth analysis and comparison**

This system allows :

🔍 Quickly compare plots and parent flocks by:

- water consumption
- feed composition and quality
- tensometry indicators
- livestock preservation

🧪 Analyse experiments and research and development work (R&D)

📊 Make comparisons between sites and within a single site

🕰️ View dynamics not only within the current round, but also for previous years

💡 *This provides a deep understanding of production efficiency and enables informed decisions to be made based on historical and current data.*

Monitoring system at production sites

Result:

Improved biosafety, transparency of control and reduction of human error.

The intelligent monitoring system provides :

1. Access security
   QR codes allow you to record employee entry into poultry premises — safe and controlled access.

2. Automatic compliance control
   The system analyses age, access and biosecurity restrictions. In case of violations, access is blocked.

3. Working time accounting
   Electronic passes record the hours an employee spends at the site.

4. Informing employees
   Upon entry, a message about compliance with sanitary requirements and video surveillance is activated.

Thanks for your attention!

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