Pestila was founded in 2001, but its beginnings in the agrochemical industry date back to 1992. Today, Pestila is a modern and innovative company with technologically advanced production facilities, new warehousing and professional analytical laboratory GLP.

We specialize in formulation of modern pesticides, professional analytical services and packaging of plant protection products. **We registered our first insecticide in 2003.**

Our products have quickly won the trust among farmers and fruit producers, which contributed to the further development of the company. **In 2013, we launched a modern analytical laboratory, which received the certificate of good laboratory practice (GLP) in 2015.** Status GLP confirms that the competence of the laboratory personnel, research methods and equipment meet the most stringent quality control in the area of chemicals testing. In 2014, we obtained **ISO 9001 and ISO 14001 certificates**, which confirm the high quality of service and compliance with all international standards for the protection of the environment.

**In 2016 we modernized and increased the productivity of our facilities by adding the most modern processing lines** for the formulation and packaging of plant protection products.
Pestila GLP Laboratory specializes in preparing stable and durable recipes of modern plant protection products, which meet even the most challenging customer requirements, especially formulation:

- **SL** – Soluble Liquid Concentrate,
- **SC** – Suspension Concentrate,
- **OD** – Oil Dispersion,
- **EC** – Emulsifiable Concentrate,
- **EW** – Emulsion, oil in Water,
- **FS** – Flowable Suspension Concentrate for Seed treatment.

We create up-to-the-minute formulations, to use in the best way the biological effects of active ingredients to maximum use and simultaneously reduce the negative impact on the consumer, the operator and the environment.
Pestila laboratory has the most modern equipment, which allows to conduct very precise laboratory analysis. The tests are carried out in accordance with CIPAC (Collaborative International Pesticides Analytical Council), OECD (Organization for Economic Co-operation and Development) and with the other standards and methodologies compatible with the requirements of the European Union. Pestila laboratory holds the prestigious certificate of Good Laboratory Practice (GLP), which confirms the highest level of team competency and research.

In addition, Pestila GLP Laboratory provides services in the field of advanced analytics of plant protection products, including:

- testing of physicochemical and chemical properties of plant protection products,
- development and validation of analytical methods,
- testing of the combined use of agrochemicals (tank-mix),
- testing of residues of the active substance on the sprayers.
Modern facilities

The company has two modern production lines dedicated to solvent formulation SL, EC, suspension formulation SC, FS, IP and special packaging line which allows to prepare packs in any shape and size. Thanks to that we can create unique packaging solutions that meet the individual requirements and expectations of customers.

Suspension formulation line has been designed for our individual order. New system uses advanced and innovative technologies and has been put into use in 2016. The line is fully automated and controlled with the software and touch LCD panel. Loadings of raw materials are implemented with the help of automatic weights. The production process is controlled by computer. This allows to prepare products with reproducible quality parameters, which strictly comply with certain specifications.

To meet the best production standards and the highest demands of our customers, the production system is equipped with modern dissolver cooperating with the specialized flow mill. Thanks to that the solid used in the formulation is rapidly wetted and the final product is effectively premilled. Advanced pearl mills, which come from the leading Swiss company, guarantee that suspensions have required fragmentation. This allows to work with a very high efficiency and comply with the highest global standards of production in the agrochemical industry.

The entire processing line is encapsulated, so harmful dusts and fumes have not released to the environment, what increases the comfort of work and protects the environment. Solution for washing and cleaning of each component was developed individually for Pestila. It guarantees that the next product formulated at the same machines will be free from cross-contamination.

With modern, precocious and technologically advanced production lines, we can implement large and sophisticated projects, formulate products with complex recipes and pack them in any package without causing the risk of release of any harmful substances into the environment.
In Pestila we **put emphasis on the quality control**. Our chemists and analysts examine physicochemical properties of substances and preparations, specify the content of the active ingredient and carry out a number of other analyzes required during the registration process plant protection products. GLP Certificate guarantees the international acceptance of test results.
We operate in 11 European countries, in Poland and in the other Central and Eastern Europe markets, continuously expanding range of our activities.

- Estonia
- Latvia
- Lithuania (under registration)
- Poland
- Germany
- Czech Republic
- Slovakia
- Hungary
- Romania
- Serbia
- Austria
Certificates

ISO 9001

confirms:

> ensuring consistent performance and high level of services,
> meeting the needs and requirements of customers,
> continuous improvement of internal business processes,
> orientation towards mutual benefits in relations with customers and suppliers.

ISO 14001

confirms:
Cooperation

The core of our business are:

- registration,
- analytical laboratory,
- formulation,
- packaging.

We offer professional and specialist support in preparing tailored formulas of plant protection products and packaging solutions. Products branded with Pestila logo are well suited for the needs of customers and meet the highest quality standards. Our strengths are qualified personnel and professional and efficient services.
Our products

Our portfolio includes plant protection products for agriculture and horticulture:

herbicides, fungicides, insecticides, adjuvants, biocides, pod stickers.
Cereals

**MCPA 300 SL**

- **Crop:** spring wheat
- **Date of application:** spring, from the beginning of tillering of cereals to the stage of the first node (GS 21-31)
- **Dose:** 3 l per hectare
- **Controlled weeds:** field pennycress, lambsquarters, common hemp-nettle, charlock mustard, bird vetch, horsetail, thistle

**MCPA Plus 340 SL**

- **Crop:** winter and spring wheat
- **Date of application:** spring, from the beginning of tillering of cereals to the stage of the second node (GS 21-32)
- **Dose:** winter wheat 2.5 l per hectare, spring wheat 2 l per hectare
- **Controlled weeds:** common chickweed, oilseed rape volunteers, field chamomile, charlock mustard, lambsquarters, scentless mayweed, thistle, birdeye speedwell, knotweed thistle, persicaria maculosa, black bindweed, black bindweed, bird vetch

**Chlorsulfuron 75 WG**

- **Crop:** winter wheat
- **Date of application:** autumn, after sowing seeds, but before emergence of winter wheat (GS 00) from the stage of 2 leaves or to the end of the growing season in autumn (GS 12-14)
  - spring, from the beginning of tillering of cereals to the stage of the first node (GS 21-30)
- **Dose:** autumn – 20 g per hectare, spring – 10 g per hectare
- **Controlled weeds:** garden cornflower, field pansy, charlock mustard, common chickweed, lambsquarters, corn poppy, scentless mayweed, field forget-me-not, birdeye speedwell, catchweed bedstraw, wild chamomile, oilseed rape volunteers, shepherd’s purse, field pennycress
Maize

Fenoxaprop-P 069 EW

**Herbicide**

**Fenoxaprop-P 069 EW**

*Crops:* winter wheat, spring barley

*Date of application:* spring, from the stage of 2 tillers to the end of stage of 3rd node (GS 22-33)

*Dose:* 1 l per hectare

*Controlled weeds:* wild oat, loose silkybent

*In combining with MCPA Plus 340 SL:* loose silkybent, catchweed bedstraw, barnyardgrass, lambsquarters, scentless mayweed, black bindweed, birdeye speedwell, common chickweed, field pansy

Best Glue

**Pod sticker**

Crops: winter and spring wheat

*Date of application:* several weeks before harvest

*Dose:* 0,8-1 l per hectare

*Designed to stop pre-harvest sprouting*

Nicosulfuron 040 SC

**Herbicide**

**Nicosulfuron 040 SC**

*Crops:* corn

*Date of application:* in the stage of 2-7 leaves of corn when weeds are in the stage of 2-4 leaves

*Dose:* 1 l per hectare

*Controlled weeds:* barnyardgrass, field pansy, catchweed bedstraw, black bindweed, lambsquarters
Oilseed rape

**Metazachlor 500 SC**

*Herbicide*

*Crops:* winter oilseed rape

*Date of application:* post-emergence, to the stage of 3rd leaf (GS 11-14), autumn, when oilseed rape has minimum 2 leaves and weeds are from the stage of cotyledon to the stage of 2 leaves (catchweed bedstraw in the stage of cotyledon)

*Dose:* 2 l per hectare

*Controlled weeds:* field pansy, common chickweed, purple deadnettle, lambsquarters, scentless mayweed, loose silkybent, field forget-me-not, catchweed bedstraw, corn chamomile, cereal volunteers, shepherd’s purse

**Clomazone 480 EC**

*Herbicide*

*Crops:* winter oilseed rape

*Date of application:* autumn pre-emergent

*Dose:* 0,2-0,25 l per hectare

*Controlled weeds:* common chickweed, purple deadnettle, lambsquarters, birdeye speedwell, catchweed bedstrow, shepherd's purse, field pennycress in combining with Macho 500 SC: common chickweed, purple deadnettle, corn poppy scentless mayweed, birdeye speedwell, catchweed bedstrow, field pennycress, garden cornflower

**Macho 500 SC**

*Herbicide*

*Crops:* winter oilseed rape

*Date of application:* post-emergence, to the stage of 3rd leaf (GS 11-14), autumn, when oilseed rape has minimum 2 leaves and weeds are from the stage of cotyledon to the stage of 2 leaves (catchweed bedstraw in the stage of cotyledon)

*Dose:* 2 l per hectare

**Clopyralid + picloram 334 SL**

*Herbicide*

*Crops:* winter oilseed rape

*Date of application:* autumn, when oilseed rape has minimum 2 leaves and weeds are from the stage of cotyledon to the stage of 2 leaves (catchweed bedstraw in the stage of cotyledon)

*Dose:* 2 l per hectare

*Controlled weeds:* field pansy, common chickweed, purple deadnettle, lambsquarters, scentless mayweed, loose silkybent, field forget-me-not, catchweed bedstraw, corn chamomile, cereal volunteers, shepherd’s purse

**Clopyralid**

*Herbicide*

*Crops:* winter oilseed rape

*Date of application:* autumn, when oilseed rape has minimum 2 leaves and weeds are from the stage of cotyledon to the stage of 2 leaves (catchweed bedstraw in the stage of cotyledon)

*Dose:* 2 l per hectare

*Controlled weeds:* field pansy, common chickweed, purple deadnettle, lambsquarters, scentless mayweed, loose silkybent, field forget-me-not, catchweed bedstraw, corn chamomile, cereal volunteers, shepherd’s purse

**Cyklop 334 SL**

*Herbicide*

*Crops:* winter and spring oilseed rape

*Date of application:* autumn, in the stage of 3-5 leaves (GS 13-15), spring, from the stage of 9 leaves to the stage of first internode (GS 19-31)

*Dose:* autumn – 0,2 l per hectare

*Controlled weeds:* garden cornflower, drug fumitory, common chickweed, redstem stork’s bill, purple deadnettle, lambsquarters, scentless mayweed, sow-thistle, thistle, catchweed bedstrow, black bindweed, field chamomile

*spring – 0,25-0,35 l per hectare

*Controlled weeds:* garden cornflower, drug fumitory, common chickweed, redstem stork’s bill, purple deadnettle, lambsquarters, scentless mayweed, sow-thistle, thistle, catchweed bedstrow, black bindweed, field chamomile
**Acetamiprid 200 SL**

**Insecticide**

**Grom 200 SL**

- **Crops:** winter oilseed rape
- **Date of application:** when pests get into crops, from the stage of individual flower buds visible but still closed to the stage of yellow bud (GS 55-59)
- **Dose:** 0.08-0.12 l per hectare
- **Controlled insects:** pollen beetle

**Best Glue**

- **Crops:** winter and spring oilseed rape
- **Date of application:** several weeks before harvest
- **Dose:** 0.8-1 l per hectare separately or 0.5 l per hectare in combined use with desiccant herbicide
Orchards

Acetamiprid 200 SL

Insecticide

Grom 200 SL

Crops:
apple, pear, cherry, plum

Date of application:

apple:
aphids – from the stage of green tip to the stage of June petal fall (GS 56-73), when the first aphids appear
codling moth – at the beginning of the mass flight of insects and eggs laying, from the stage of fruit set to the stage when fruits reach 60% of the typical size (GS 71-76)
leafroller moths – from the stage of green tip to the stage of pink tip (GS 56-57), at the time of mass hatching of larvae; repeat treatment in the stage of June petal fall (GS 73)

pear:
Cacopsylla pyri – from the stage of green tip to the stage of white bud (GS 56-59)

cherry:
Rhagoletis cerasi – during the numerous appearance of flies and mass eggs laying, from the stage of petal fall to the beginning of the stage of fruit set (GS 67-81)

plum:
Hoplocampa minuta, Hoplocampa flava – at the end of petal fall (GS 67-69)
plum fruit moth – at the beginning of the mass flight of insects and eggs laying, in the stage of fruit set (GS 71-79)

Dose:

apple:
aphids – 0,125 l per hectare
codling moth – 0,2 l per hectare
leafroller moths – 0,2 l per hectare
pear: Cacopsylla pyri – 0,2 l per hectare
cherry: Rhagoletis cerasi – 0,125 l per hectare
plum: Hoplocampa minuta, Hoplocampa flava – 0,125 l per hectare
plum fruit moth – 0,2 l per hectare

Controlled insects:

apple: aphids, codling moth, leafroller moths
pear: Cacopsylla pyri
cherry: Rhagoletis cerasi
plum: plum fruit moth, Hoplocampa minuta, Hoplocampa flava
Captan 80 WG

**Fungicide**

**Biszop 80 WG**

*Crops:* apple

*Date of application:*

- **sour and sweet cherry** – preventively or with the first symptoms of the disease, from the end of the stage of bloom to the stage of fruit set (GS 69-87)
- **pear** – preventively or with the first symptoms of the disease, from the end of the stage of tight cluster to the stage of fruit set (GS 51-81)
- **raspberry, black and red currant, gooseberry, blueberry** – preventively or with the first symptoms of the disease, from the beginning of the stage of bloom to the stage of fruit set (GS 60-87)
- **strawberry** – preventively or with the first symptoms of the disease, before blooming (GS 53-59)

*Ornamentals:*
spraying – preventively or with the first symptoms of the disease, during the growing season (GS 10-79)
bull dipping – before planting, dip the bulbs in a fungicide dip for about 30 minutes prior to planting

*Controlled fungal diseases:*
apple scab

*Minor crops:*
sour and sweet cherry, pear, raspberry, black and red currant, gooseberry, strawberry, blueberry, ornamentals

*Dose:* 1.9 kg per hectare

*Controlled fungal diseases:*
- **sour and sweet cherry** – bitter rot of cherry, leaf spot disease
- **pear** – pear scab, brown rot disease
- **raspberry** – grey mould, cane spot disease
- **black and red currant** – grey mould, anthracnose
- **gooseberry** – grey mould, anthracnose
- **blueberry** – grey mould, anthracnose
- **strawberry** – grey mould, anthracnose
- **ornamentals/bulb dipping** – fusarium
**Biocides**

**Cypermethrin 250 EC**
- **Dose:** solution 0.5%
- **Controlled insects:** flying and running insects

**Acetamiprid 200 SL**
- **Dose:** solution 1%
- **Controlled insects:** flying insects
Adjuvants

SuperAdd

*Dose:* solution 0,5%

*Benefits:* improves action of herbicides such as glyphosate

SuperEnd 90 EC

*Dose:* solution 0,5-1%

*Benefits:* improves action of post-emergence herbicides

SuperOil 88 EC

*Dose:* 1,5 l per hectare

*Benefits:* accelerates efficiency of herbicides
Production capacity
(liters per day)

SL: 50,000 liters
SC: 15,000 liters
OD: 15,000 liters
EC: 25,000 liters
EW: 25,000 liters
FS: 15,000 liters
Packaging capacity
(liters/ pieces per day)

- < 0.5 L: 10,000 pieces per day
- 0.5 L: 25,000 pieces per day
- 1 L: 25,000 liters per day
- 5 L: 30,000 liters per day
- > 5 L: up to 50,000 liters per day