



ГОСУДАРСТВЕННОЕ УЧРЕЖДЕНИЕ
«ГЛАВНАЯ ГОСУДАРСТВЕННАЯ
ИНСПЕКЦИЯ ПО СЕМЕНОВОДСТВУ,
КАРАНТИНУ И ЗАЩИТЕ РАСТЕНИЙ»

The state institution «The Main state inspectorate
of seed control, quarantine and plant protection»

Registration of PPPs and fertilizers in Belarus

Vienna, 29-30 October, 2018
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Contents



- Sown areas, phytosanitary situation and volumes of PPP use
- **Registration legislation**
- Registration procedure
- **Registration Dossier: requirements**
- Registration authorities
- **New projects**

Belarus

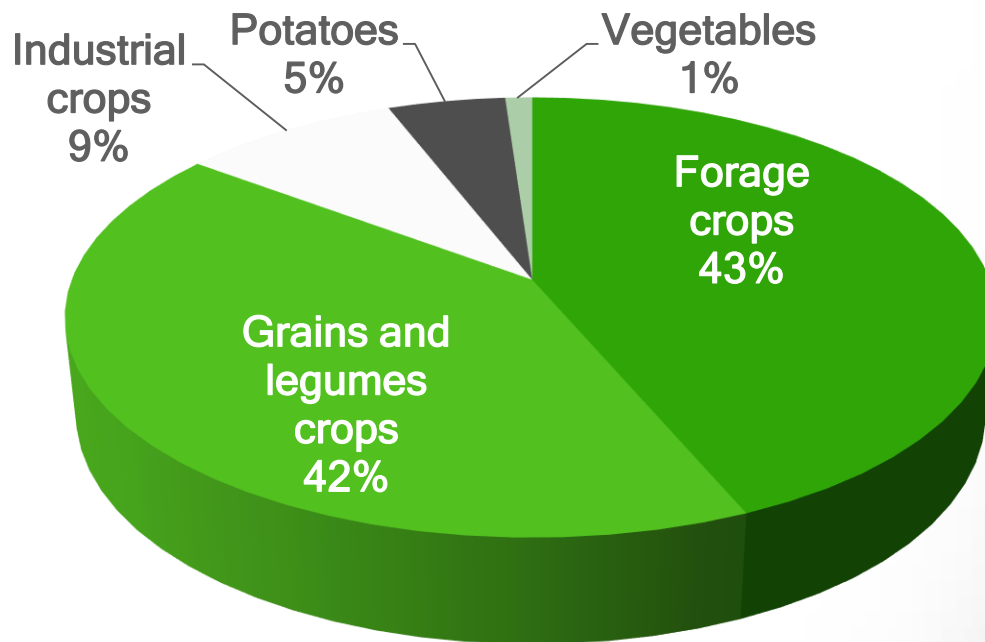


The agricultural area is 9 million hectares

Sown area of main crops



Sown area	Thousand ha
Total	5 834
Forage crops	2 546
Grains and legumes	2 430
Potatoes	277
Sugar beet	101
Rape	339
Fiber flax	47
Vegetables	63

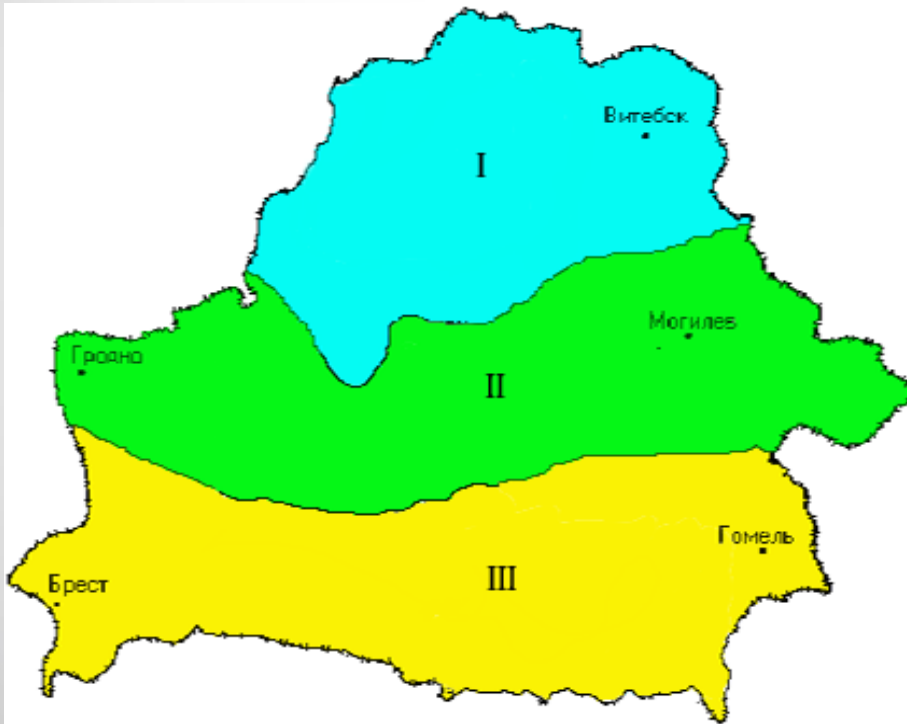


farms of all types, percent of total, 2017

Changes of borders of agro-climatic zones



1973



2015



Note: I - North, II - Central, III - South, IV – New zone

New pests and diseases in BY



Zabrus tenebrioides



Ostrinia nubilalis



Dasineura brassicae



Tropinota hirta



Pyrenophora tritici-repentis



Puccinia striiformis



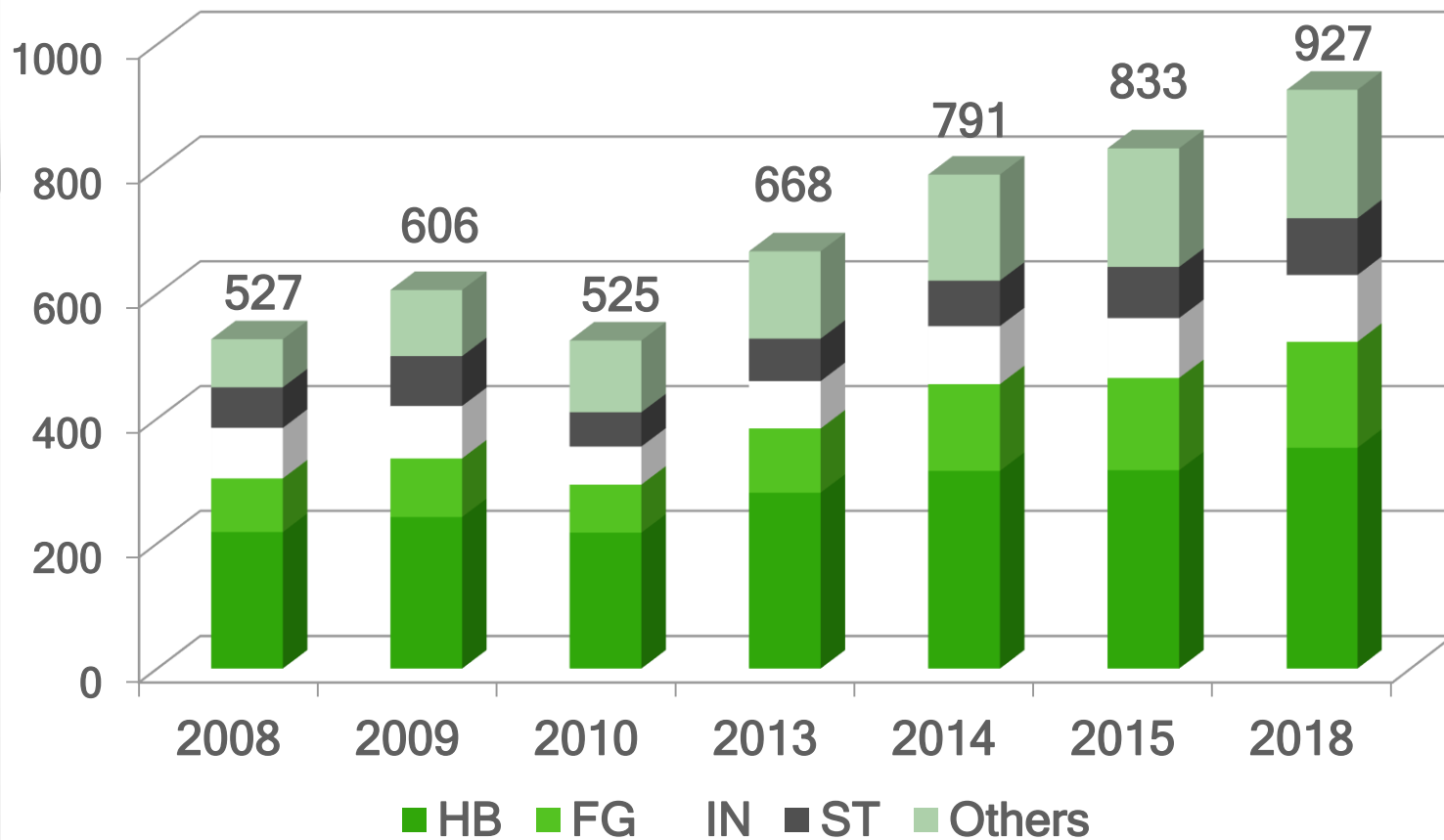
Agrotis segetum



СОВКА ОЗИМАЯ

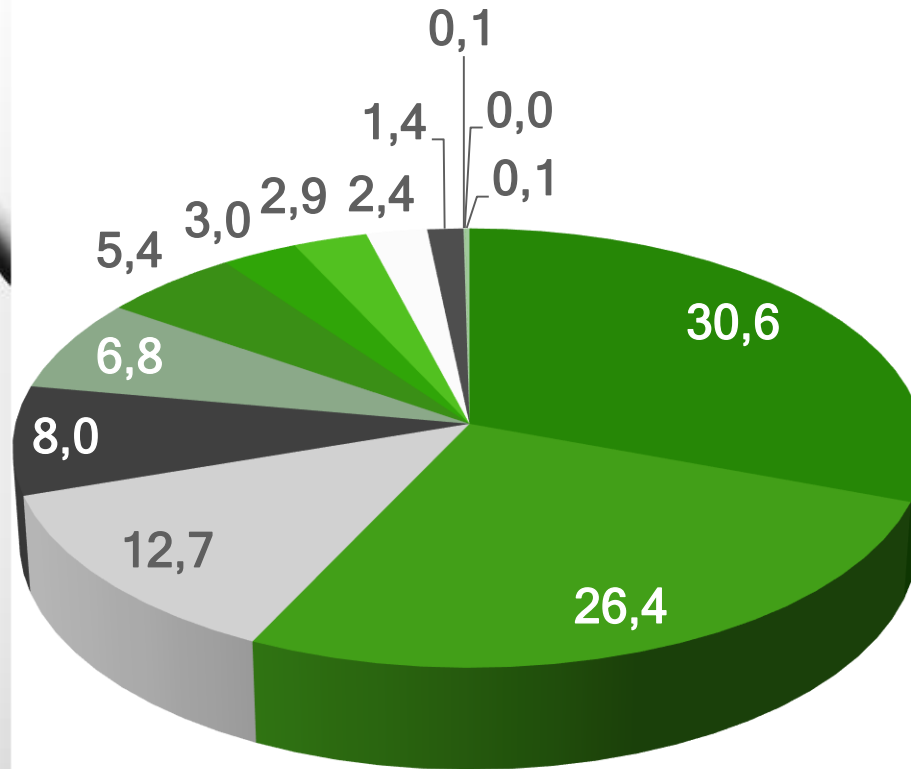


Number of PPPs in Belarus





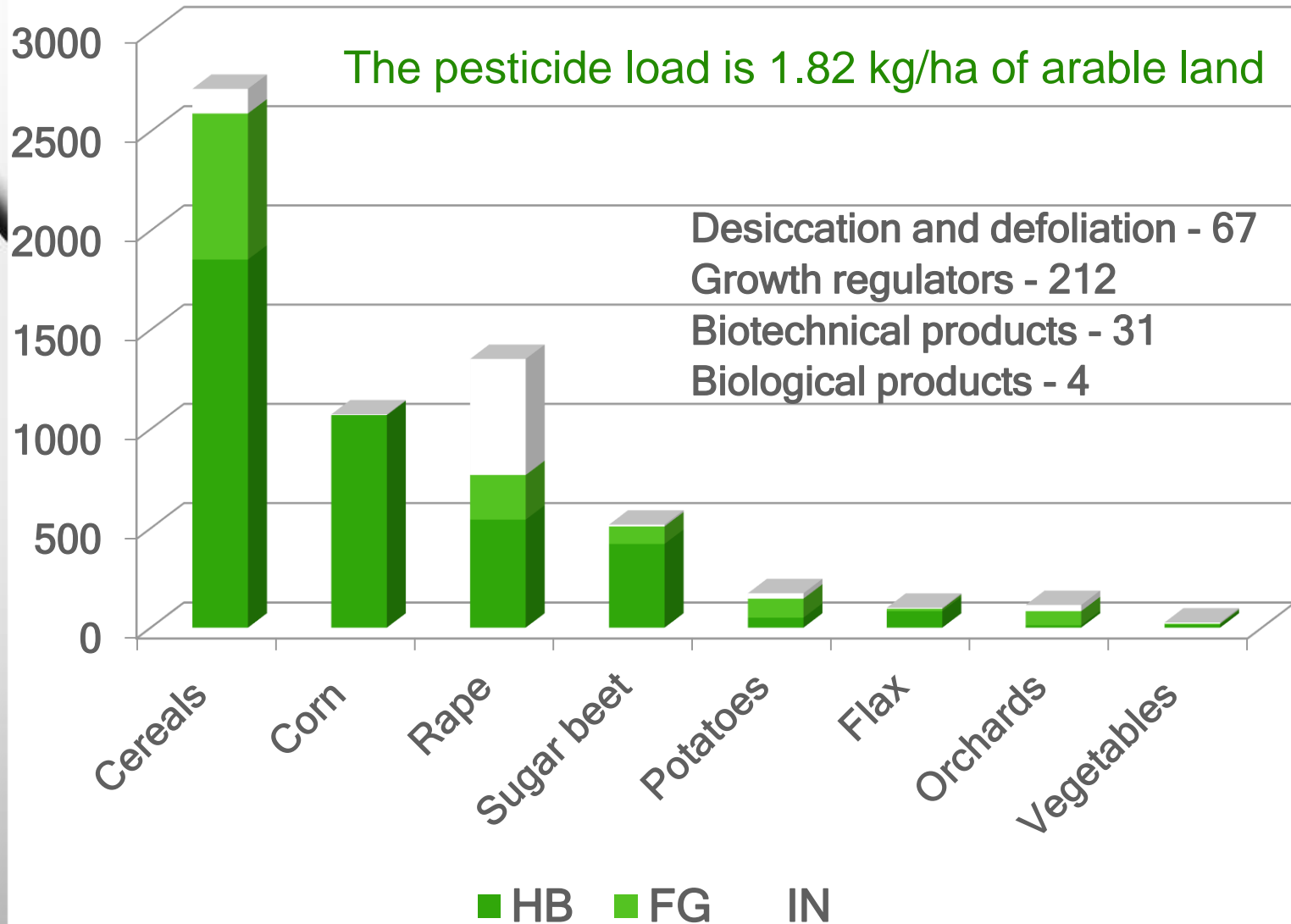
Structure of registered products, %, 2017



- Fertilizers - 409
- Herbicides - 353
- Fungicides - 170
- Insecticides - 107
- Seed treatment - 91
- Growth regulators - 72
- Biotechnical products - 40
- Biological products - 39
- Desiccants - 32
- Pheromones - 19
- Nematocide - 1
- Molluscicide - 1
- Rodenticide - 2

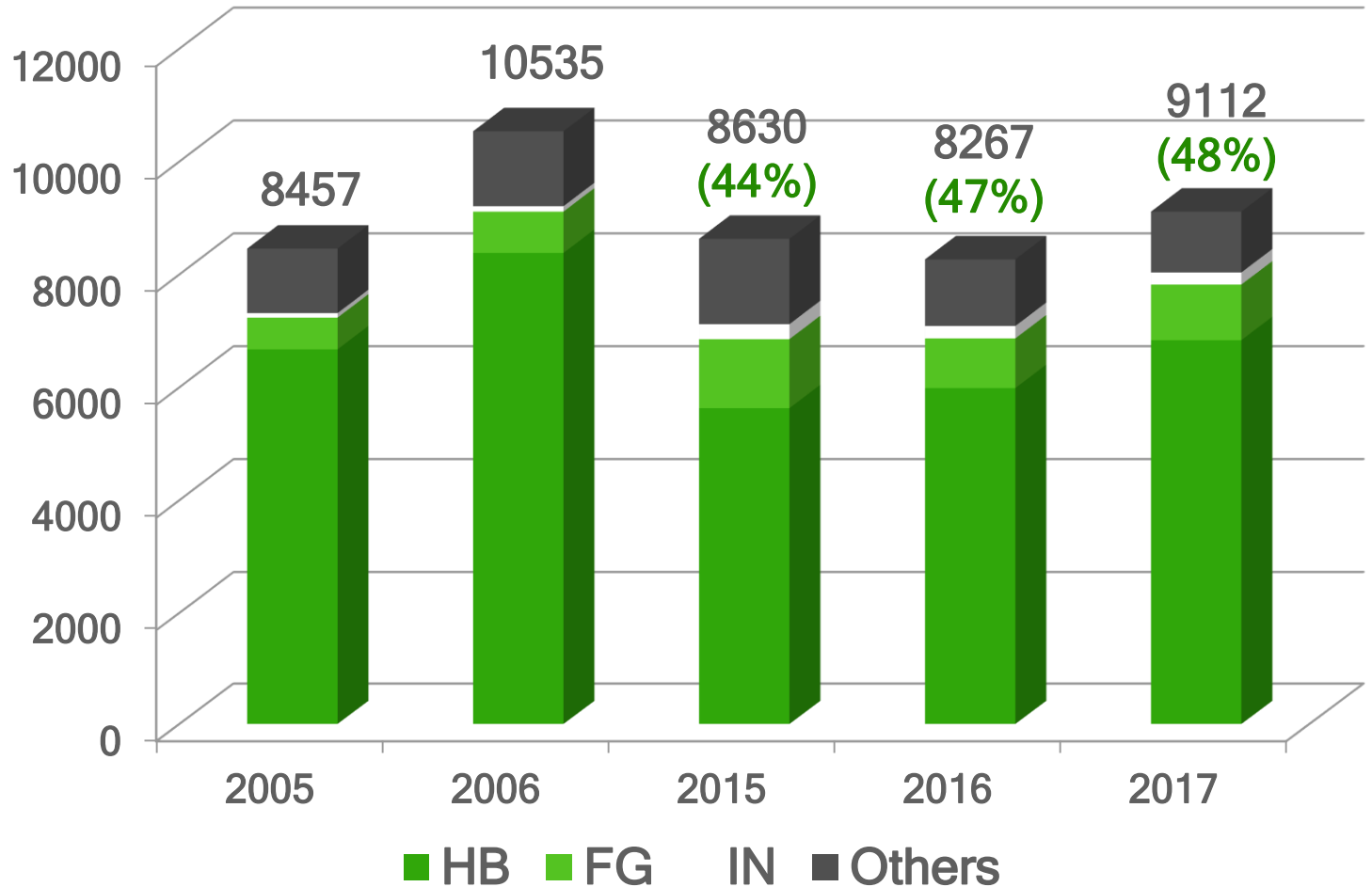
Application of PPPs, 2017

thousand of hectares





Application of PPPs, tons



National Legislation for PPPs and fertilizers



The Law of the Republic of Belarus «On Quarantine and Plant Protection», 2016

Regulation on the order of state registration of PPPs and fertilizers and maintenance of the «State Register...», 2018

Instruction on the order of carrying out tests of PPPs and fertilizers, which are subject to state registration, 2018

Point 7.14 of single list of administrative procedures conducted by state authorities and other organizations in respect to the applicant

Regulation on the order of certification of legal entities carrying out tests of PPPs and fertilizers, which are subject to state registration

General information



Applicants can be legal entities and individual entrepreneurs

It's possible

- Registration only if PPPs or fertilizers:
- show high biological and economic efficacy during state trials
- have favorable toxicological and environmental profile

It's possible

- To register only a formulation
- To register product during 1-2 years
- to change or add a producer on the basis of documents without additional research

It's not possible

- «Clone » registration (only one brand name)
- to register formulation wetable powder
- to register Adjuvant without PPP
- to register tank mixture

Registration authorities



Ministry
of Agriculture and Food
of the Republic
of Belarus



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«State Register...»
is formed 1 time in 3 years



State Certificate is
issued for 10 years





Registration Dossier: requirements PPPs

Document	Who is responsible for
Application form	Prepared according to approved form by applicant.
Biological and economic efficacy reports (plus certificate of quality)	Prepared by one of 19 certified scientific research institutions. Trials must be conducted in BY.
Reports on the results of the of PPPs' residues in agricultural products	Reports are prepared by certified laboratories. Trials must be conducted in BY.
Protocol of tests (studies) of controlled goods in the customs territory of the Eurasian Economic Union	Issued by the Ministry of Health (laboratory of preventive and ecological toxicology).
A document confirming the production of the active ingredient and formulation	Issued by the manufacturer or the authorized body of the country-producer.



Registration Dossier: requirements PPPs

Document	Who is responsible for
Adapted analytical methods of seed treatment quality determination, the active ingredient determination in the formulation and its residues in water, soil, air of the working area and plant materials	Each applicant must provide its own methodology that adapts by the certified laboratories in BY (applies to other formulations within the same company)
Reports on veterinary-sanitary environmental assessment of plant protection products for keeping of bees, livestock and fish farming	The evaluation is carried out in BY , as well as conclusions from the countries of the Customs Union members are accepted.
Technical specifications , approved in accordance with the established procedure	Submitted by applicant for products produced by CIS countries and the Republic of Belarus
Label	The label is prepared according to approved form by applicant .
Recommendations on the use of PPPs (GAP)	GAP is prepared by certified organizations and applicant



Registration Dossier: requirements Fertilizers

Document	Who is responsible for
Biological and economic efficacy reports and crop quality	Prepared by one of 17 certified scientific research institutions. Trials must be conducted in BY.
Protocol of tests (studies) of controlled goods in the customs territory of the Eurasian Economic Union	Issued by the Ministry of Health (laboratory of preventive and ecological toxicology).
Protocol on the content of heavy metals (depending on the type of fertilizer)	Issued by the Ministry of Health.
Protocol on the content of pathogens (depending on the type of fertilizer)	Issued by certified laboratories in BY.
Safety data sheet	Applicant
Certificate of conformity	Applicant
Technical specifications, approved in accordance with the established procedure	Applicant
Label	Applicant
Recommendations on the use of fertilizers	Prepared by certified organizations and applicant.

Registration authorities & Expert Organizations



National Academy of Science

Biological efficacy; eco- toxicity for bees, fish; residues



1. The Institute of Plant Protection
2. The Center of Arable Farming
3. The Station of Sugar Beets
4. The Center of Potato, Fruit and Vegetable Growing
5. The Institute of Soil Science and Agrochemistry
6. The Flax Institute
7. The Forest Institute
8. The Institute of Experimental Veterinary Medicine (Acute toxicity of formulation to bees (oral and contact))
9. The Fish Industry Institute etc



Registration authorities & Expert Organizations

The Ministry of Health RUE "Scientific and practical center of hygiene"



Toxicological-hygienic evaluation:

- Acute oral, dermal, inhalation toxicity
- Skin and eye irritation
- Skin sensitization
- Estimation of worker exposure
- Hygienic standards

Ecotoxicological studies:

- Acute toxicity of formulation to fish, aquatic invertebrates and algae

**«The Common Sanitary, Epidemiological and Hygiene Requirements to the goods subject to sanitary and epidemiological supervision (control)»,
decision №299, 28.05.10**

New projects



- **Ratification of the Rotterdam Convention**
- **Biological thresholds of harmfulness were officially approved**
- **FAO Pesticide Registration Toolkit**



Thank you for attention!



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