

Registration of PPPs and current situation of organic agricultural production in the Republic of Moldova

Maria Stroiu

State Centre for Certification and Approbation of
Phyto-Sanitary Means and Fertilizers

Republic of Moldova



- lies in the central part of Europe in the northeastern Balkans, neighboring with Ukraine and Romania
- territory 33843.5 km²
- population 3,5 mln.
- independence since 27 August 1991
- agrarian country



Agricultural area - **1.960.800,67** ha

Arable area - **1.653.032,86** ha

Vine plantations – **1.18.990,44** ha

Orchards – **115.762,91** ha

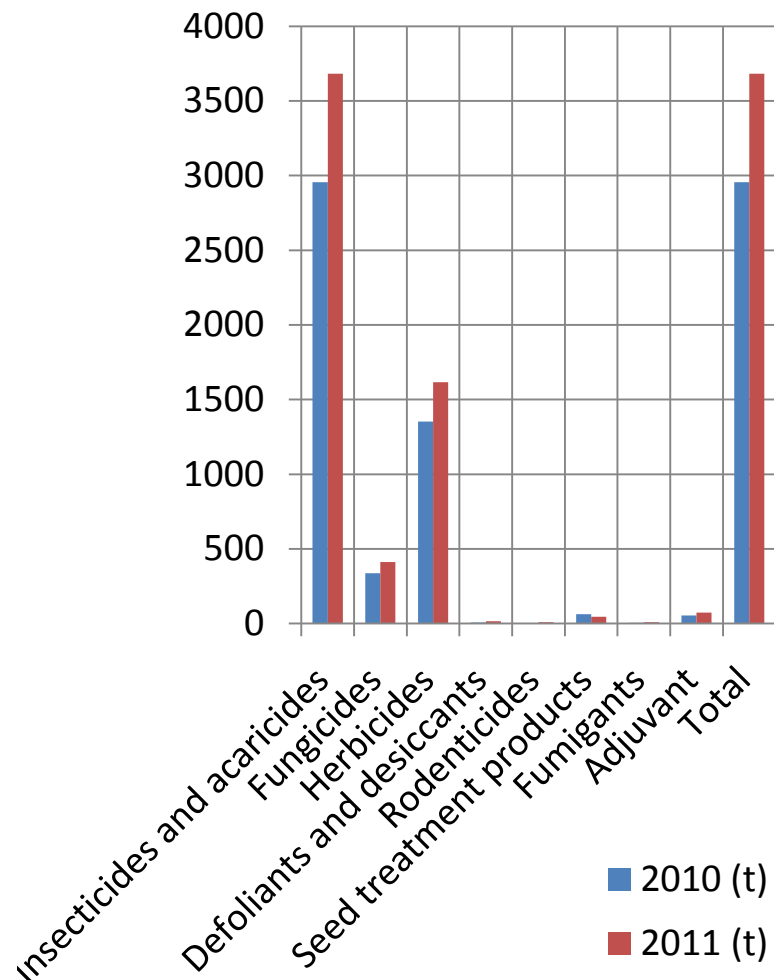
Nuts plant. – **7.136,20** ha



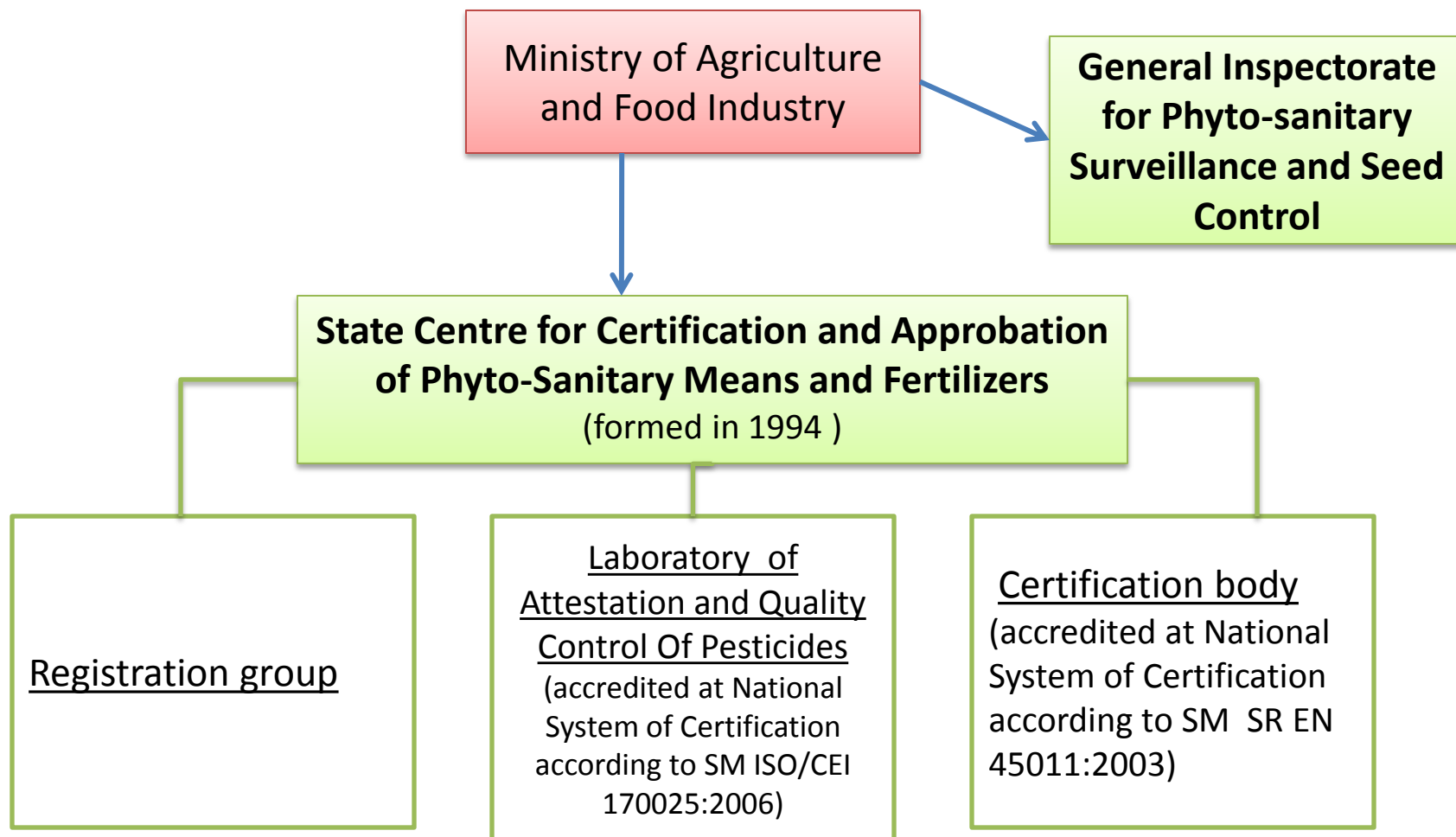
PPPs imported and used in the Republic of Moldova

	2010 (t)	2011 (t)
Insecticides and acaricides	2954,99	3682,5
Fungicides	337,1	412,36
Herbicides	1352,91	1616,6
Defoliantes and desiccants	6,2	14,64
Rodenticides	1,278	8,144
Seed treatment products	61,979	44,656
Fumigants	5,504	8,375
Adjuvant	54,136	72,66
Total	2954,99	3682,5
Fertilizers		31.122,63

The pesticide use registered a peak during the period 1975-1985, but reduced significantly from 38.300 in 1984 to 1.800 in 2004



PPPs and Fertilizer Management Authorities



Main tasks of State Centre

- Regulate assortment of PPPs and fertilizers harmless for humans and environment, used in agriculture, forestry
- Organize and check up state trials of PPPs and fertilizers in cooperation with scientific research institutions of Academy of Science and Ministry of Agriculture
- Organize meetings of Interdepartmental Council for registration of PPPs and fertilizers
- Publish the State Register of Phyto-sanitary Means and Fertilizers allowed for use in the Republic of Moldova

(<http://pesticide-md.com/registrul/>)

REGISTRUL DE STAT - Windows Internet Explorer

http://pesticide-md.com/registru/

Google

Поиск

Дополнительно >>

Избранное

Pesticides Science & Tec...

англо русский переводч...

REGISTRUL DE STAT

Рекомендуемые узлы

Коллекция веб-фрагм...

@MAIL.RU: почта, поиск ...

ceureg forum - Поиск в G...

REGISTRUL DE STAT

Google™ Язык этой страницы: румынский. Перевести ее с помощью Панели инструментов Google? Подробнее Это не румынский? Помогите нам





CENTRUL DE STAT

PENTRU ATESTAREA ȘI OMOLOGAREA PRODUSELOR DE UZ FITOSANITAR ȘI A FERTILIZANȚILOR



DESPRE CENTRU

REGISTRUL DE STAT

COMPANIILE ȘI REPREZENTANȚELE LOR ÎN R. MOLDOVA

DISTRIBUTORI

SCHEME DE PROTECȚIE A CULTURILOR AGRICOLE

PRONOSTICUL RĂSPÂNDIRII ORGANIZMELOR NOCIVE

INSTITUȚIILE ABILITATE CU DREPTUL DE A EFECTUA CERCETĂRI DE OMOLOGARE

LEGISLAȚIA FITOSANITARĂ

REGISTRUL DE STAT

Căutare pe site

Indice de produse

Denumirea comercială, forma preparativă, substanța activă, firma producătoare, numărul și data înregistrării, grupa de toxicitate	Norma de consum a preparatului (l/ha , kg/ha)	Cultura	Denumirea științifică	Denumirea populară	Modul, perioada și limitele de utilizare	Termenul ultimului tratament până la recoltare (Numărul maxim de tratamente)
1	2	3	4	5	6	7
2,4-D 500 (2,4-D (sare de dimetilamina)) Nufarm Gmbh & Co KG AUSTRIA 03-0706 2010-09-27 III	1,2-2,0	Grau, orz, ovaz, mei	buruieni dicotiledonate anuale	-	Prin stropirea sematurilor in faza infratirii culturii pina la impaiere	-(1)
2,4-D 500 (2,4-D (sare de dimetil						

Готово

Интернет

National Legislation for PPPs and fertilizers

- Law nr. 119 of 22.06.2004 “About phyto-sanitary means and fertilizers”
- Law nr.228 of 23.09.2010 “About plant protection and phyto-sanitary quarantine”
- Government Decision nr. 897 of 08.12.1994 “About approbation and use of phyto-sanitary means and fertilizers in agriculture”
- Government Decision nr. 1307 of 12.12.2005 “About approbation of Regulation for state certification and approval of phyto-sanitary means and fertilizers using in agriculture and silviculture”

In GD nr. 1307 of 12.12.2005 is stipulated that
“ during elaboration of Regulation for state approvals
of PPS was taken into account the **Council Directive
91/414/EEC of 15 July 1991 concerning the placing
of plant protection products on the market “**
State Centre guides the **Annex 1 of Regulation (EC)
nr 1107/2009 during the process of inclusion in the
Program of state trials, registration or exclusion of
PPPs** from the State Register of Phyto-sanitary
Means and Fertilizers allowed for use in the Republic
of Moldova

During 2010-2011 were excluded about 30 PPPs containing active substances that are not approved in EU (**diazinon, trifluralin, benomyl, carbosulfan etc.)**

Decision about exclusion is taken on the meetings of Interdepartmental Council for registration of PPS and fertilizers only with acceptance of Ministry of Health and Ministry of Environment.

Registration process of PPPs and fertilizers

- State trials are conducted 1-2 years if the same active substances are already registered in Moldova or 2-3 years for new a.s. (evaluation of biological efficiency of PPPs or fertilizer)
- Expertise of dossiers (evaluation of the data, risk assessment done by specialists from Ministry of Health and Ministry of Environment)
- Registration is possible only if PPPs or fertilizers
 - 1) show high biological efficiency during state trials
 - 2) have favorable toxicological and environmental profilePeriod of registration – 7 years or 2 years in case of insignificant lack of information in the dossier

Registered PPPs and fertilizers

	Active substances	Products
Insecticides	47	152
Fungicides	52	217
Herbicides	42	248
Seed treatment		60
Growth regulators	14	22
Adjuvants	8	10
Total	141	736
Fertilizers		87
Biologic products (virotic,bacterian, biologic origin		16
Pheromones		12

Laboratory of Attestation and Quality Control of Pesticides

- quality analysis of pesticides imported in RM
(determination of quantity of active substance in the product)
- determination of pesticides residues in agricultural products, soil, water
- adaptation of methods for determination of pesticides active substances



During 2004-2010 the laboratory was involved in the framework of **NATO Project SfP 98 1186 “Clean-up of Chemicals Moldova”**

5980 samples from 33 waste dumps have been analyzed to determine the composition of the obsolete pesticides through GC-MS, HPLC, TLC and ISE methods with provision of data in ca 93% of the samples.

At the present the main activity of Laboratory is relating with examination of :

- the level of pesticides residues in wine that are exported from Moldova (around of 1500 analyses per year)
- quality of pesticides imported in the republic (around 400 analyses per year).

Organic farming conditions in RM



LEGISLATION

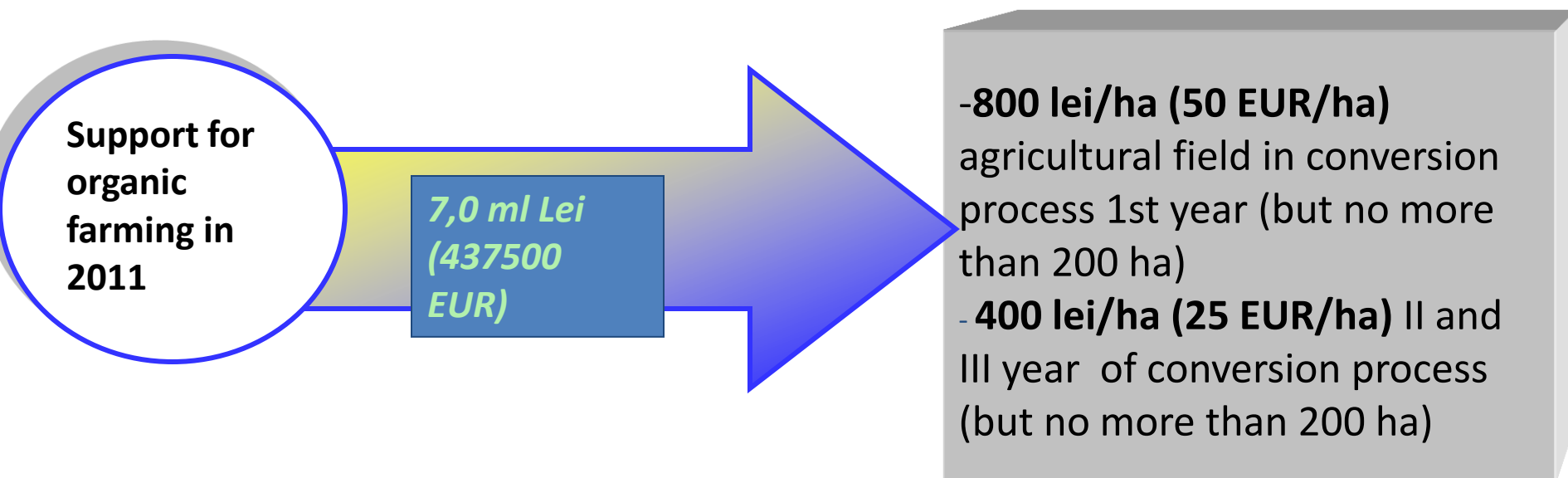


- Law nr.115-XVI of 09.06.05 “about ecological food production”;
- GD nr. 149 of 10.02.2006 adoption of Regulation on the principles of organic production and organic food processing methods;
- Regulation on inspection and certification system in ecological food production;
- Regulation on import and export of organic food products;
- GD nr. 1078 of 13.10.2008 "**Technical Regulation implementing Regulation EC 834/2007 on ecological food production, labeling and control.**"

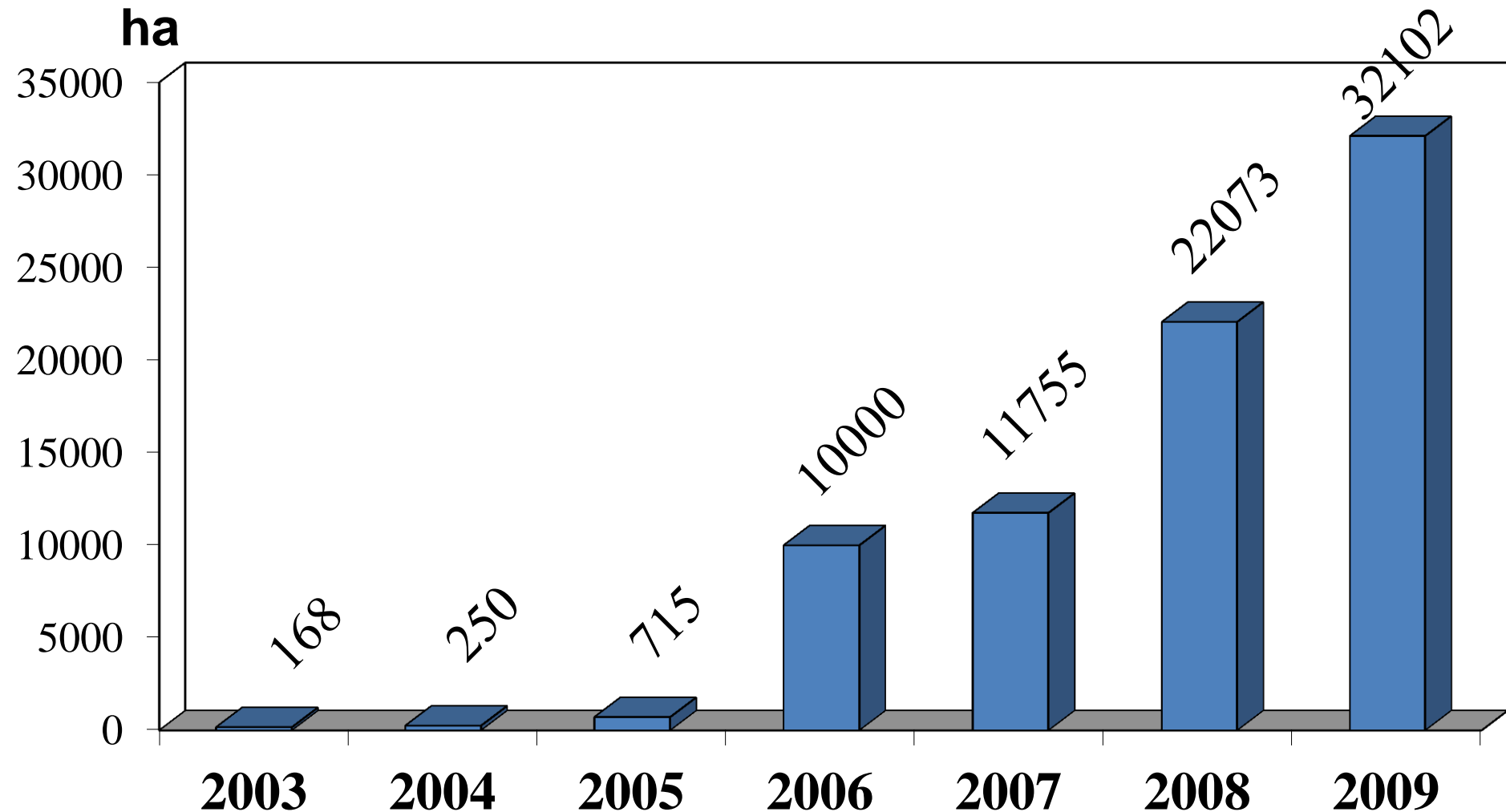
State budget support for organic farming in 2011

2007 - 2009	Surface - total	V – total local market
8 ml lei (500.000 EUR)	13837 ha (30 EUR/ha)	625 t (0,87 lei/kg)

Plant production

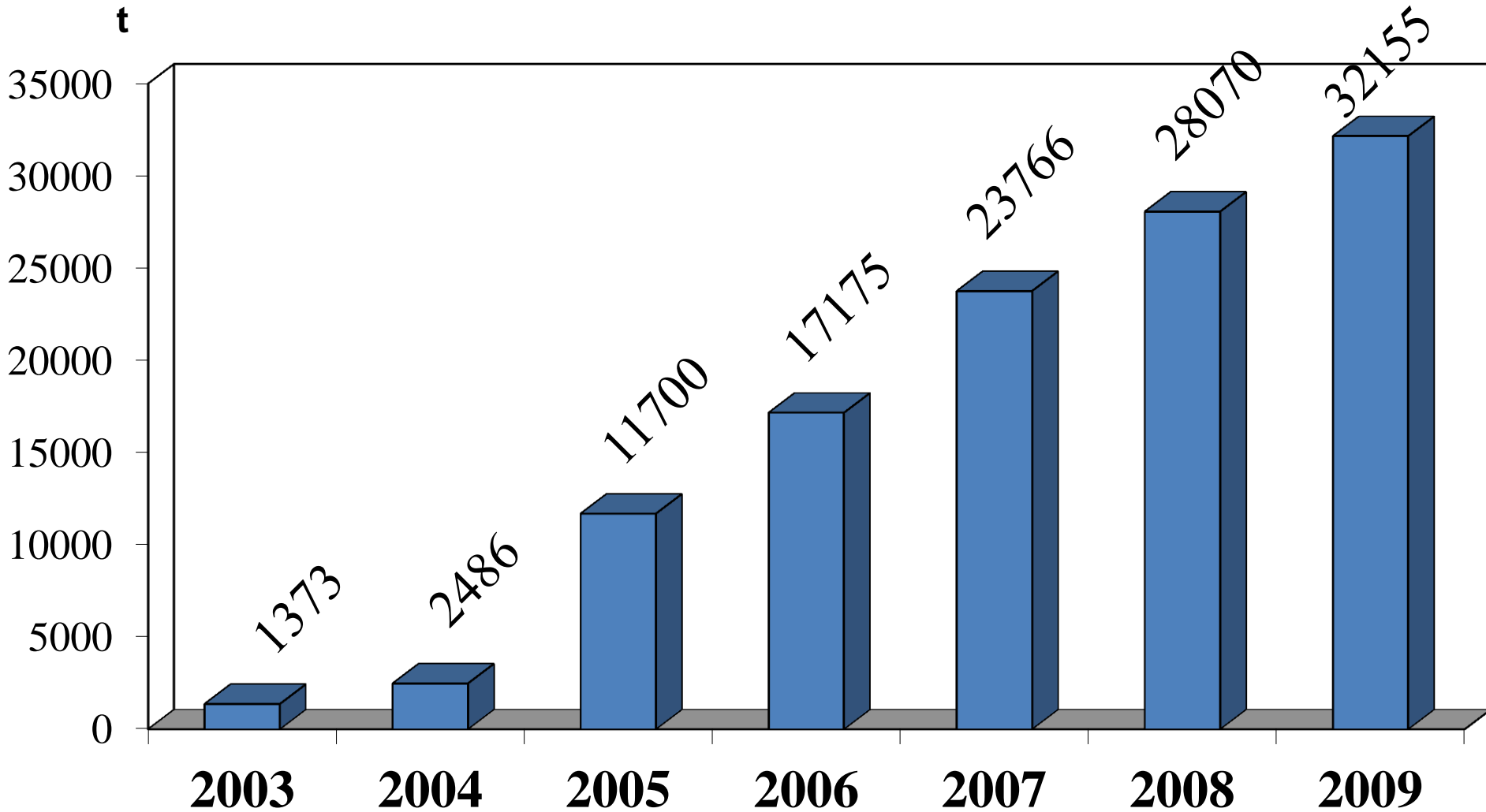


Evolution of agricultural land farmed organically



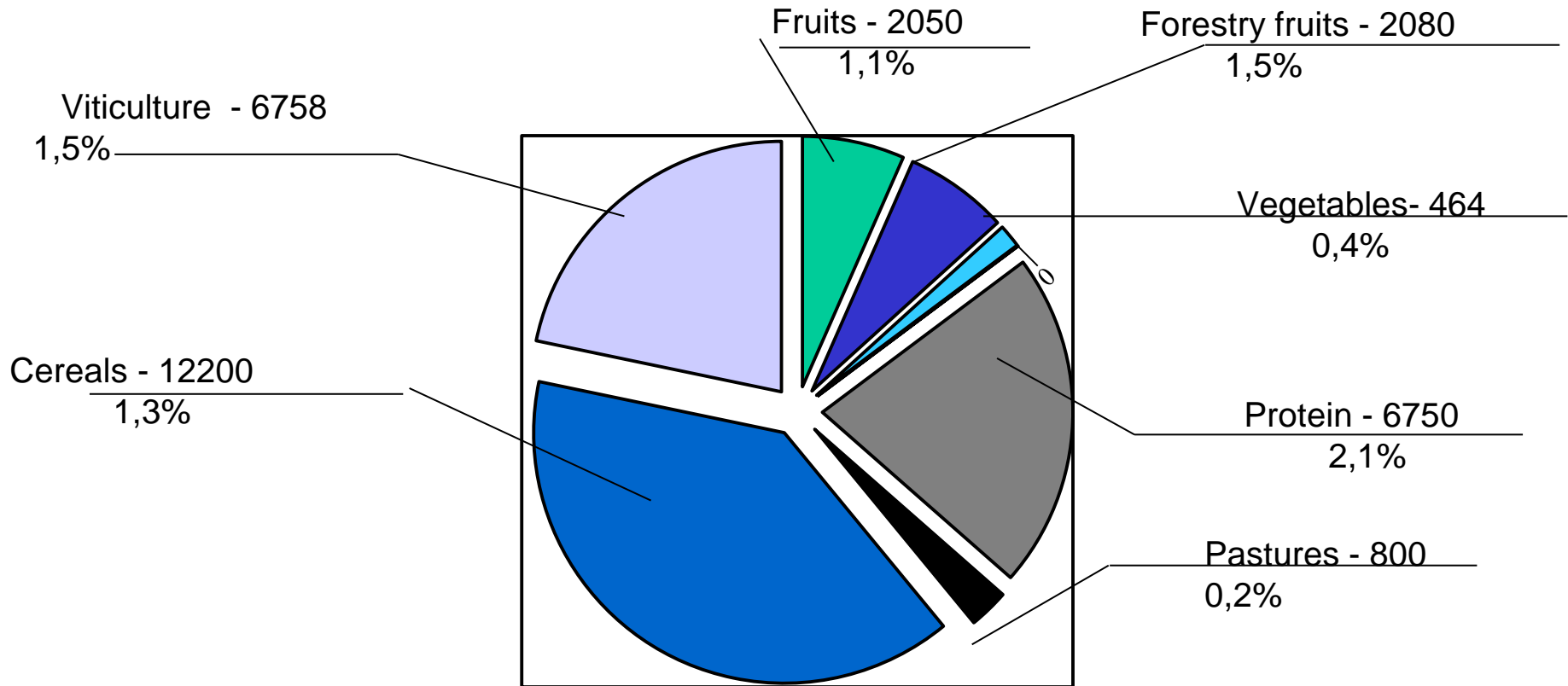
It is prognosticated growing to 39.000 ha in 2012

Volume of organic agricultural production exported (t)



It is prognosticated growing to 58.000 t in 2012

Structure of ecological crops (ha)



PPPs registered for use in organic farming

Chemical products (fungicides and insecticides)	10
Biologic products (virotic, micotic, bacterian, vegetal origin)	6
Pheromone traps	12
Total	38

Thank you for your
attention!