



Ministry of agriculture,
forestry and water
management

BEEKEEPING IN SERBIA

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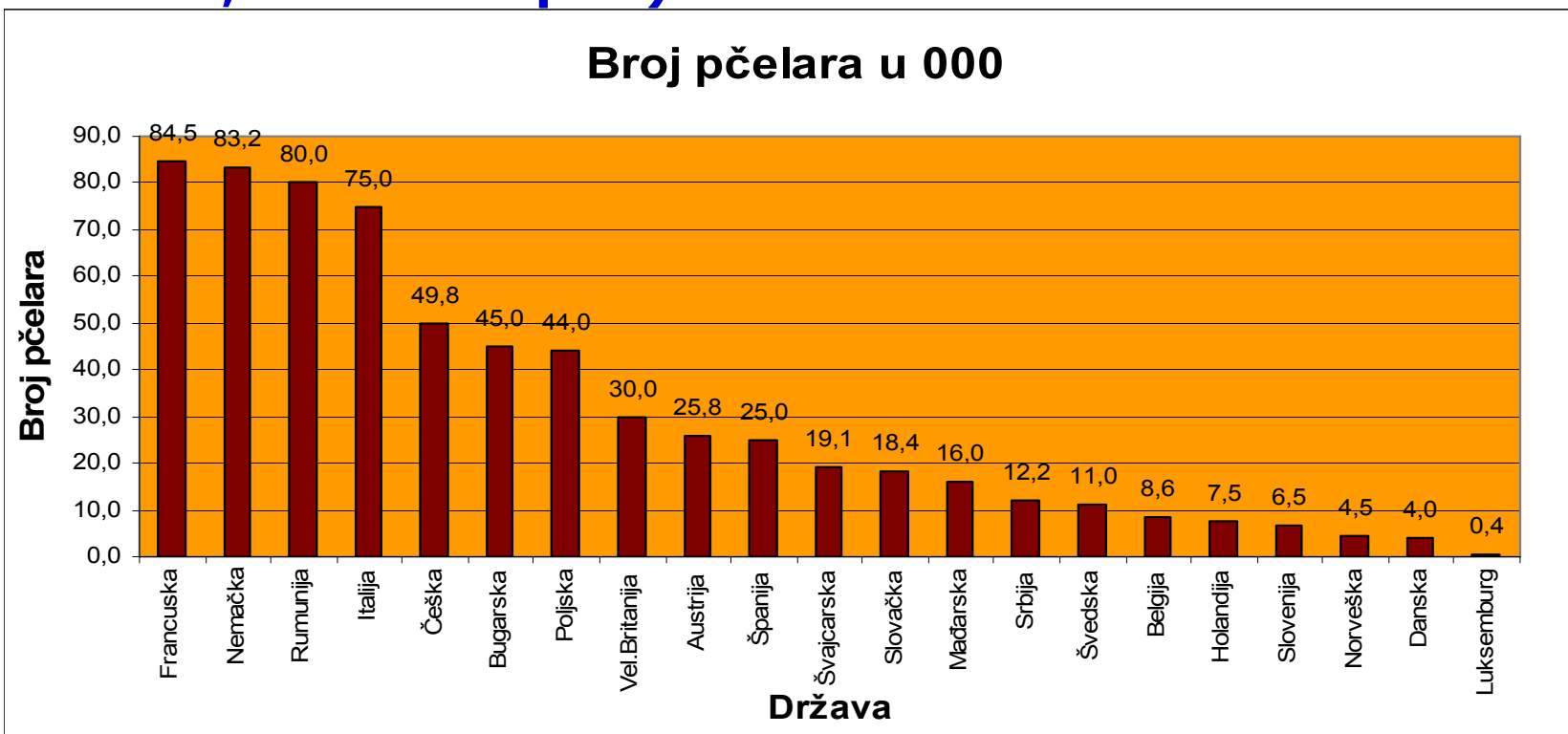
Nenad Terzić
SECTION FOR LIVESTOCK
PRODUCTION AND PROCESSING

Pljevlja 11. 10. 2010.



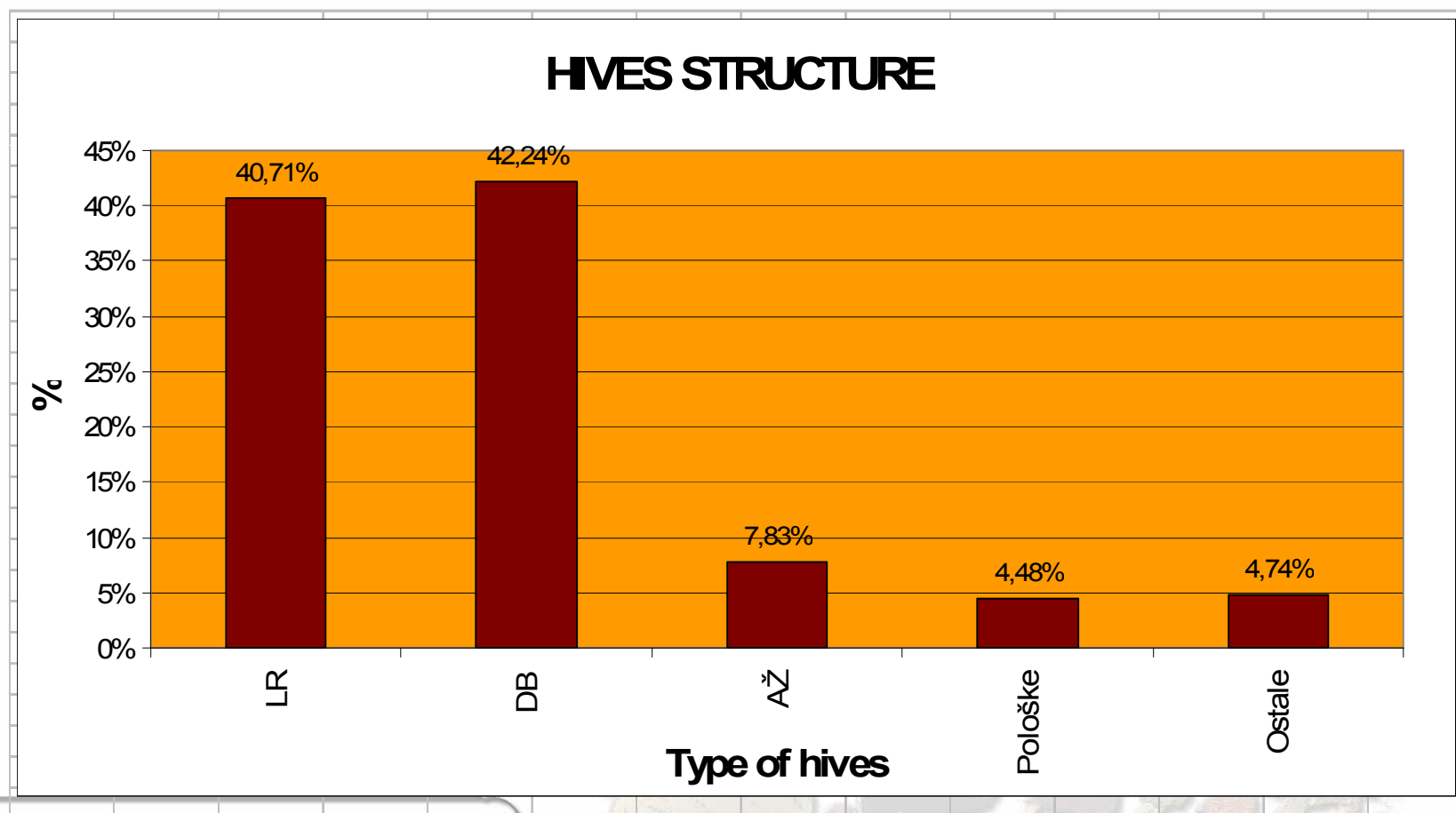
Current situation

Today there are about 12.200 beekeepers in Serbia, which are organised through 190 local beekeepers organisations, registered in a unique covenant of beekeepers organizations in Serbia (SPOS) (it is estimated that there are about 30,000 beekeepers).



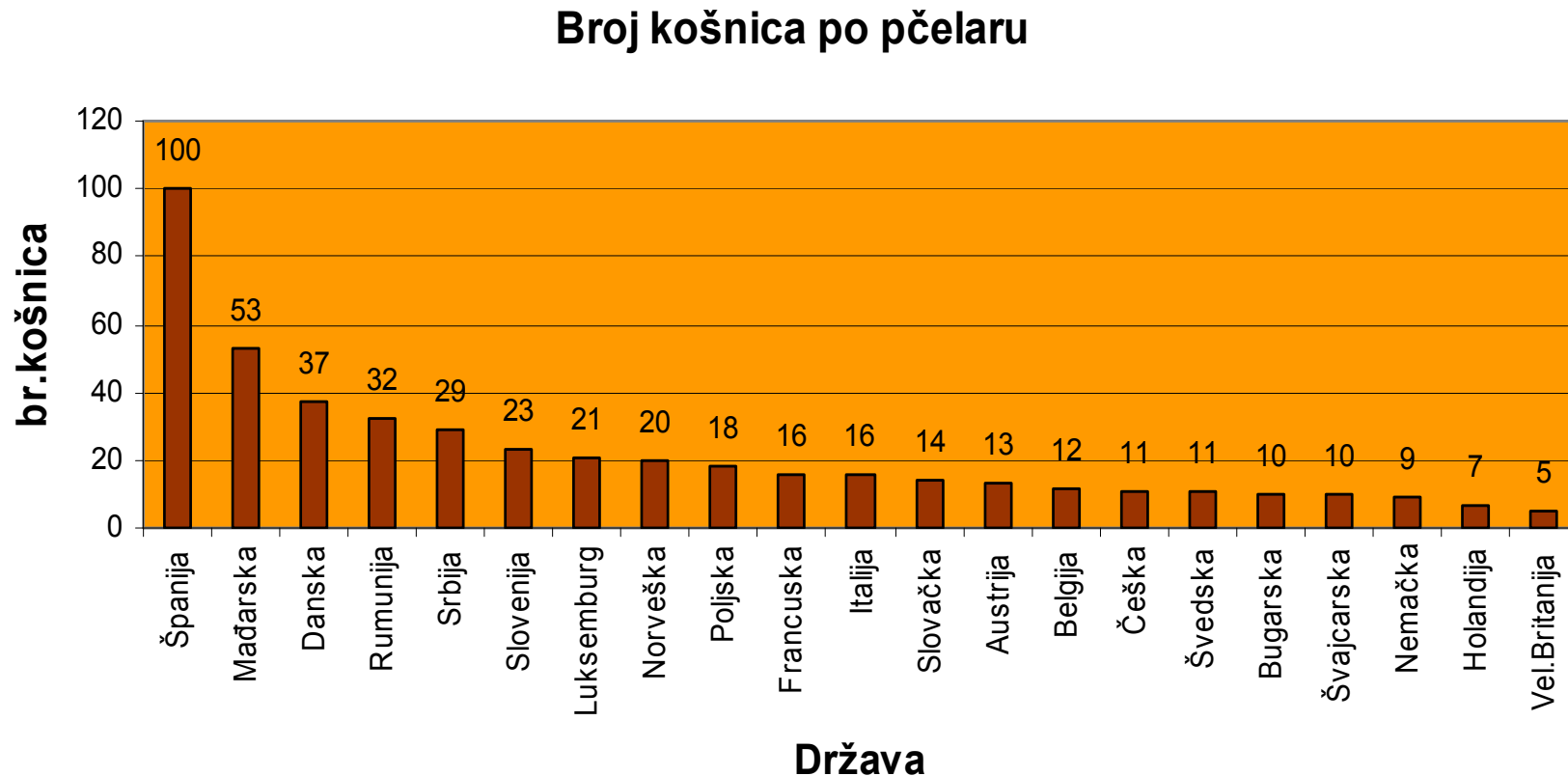
Total no and hives structure

The total number of hives is about 302,000, (to expert assessment we have conditions for 800,000), predominantly modern types of hives: *LR*, *DB* i *AŽ*



Size of the average beehouse

Average beekeeper in Serbia has beehouse with 29 hives, what putting him on fifth place comparing with Eu countries.



Assortment of honey

Different types of honey originating from the geographical region of Serbia are of high quality and can be classified into several groups of varieties:

- accacia honey;
- meadow honey;
- linden honey;
- sunflower honey;
- honeydew and several tipes of exotic honeys (sage, chestnut, ling).

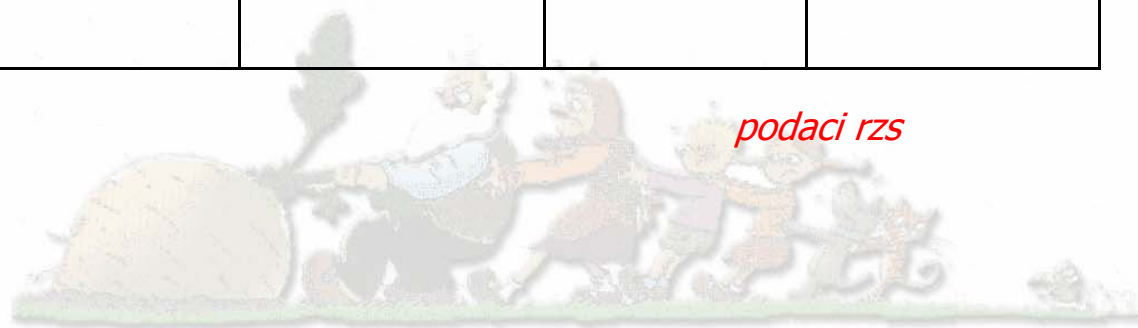
Besides honey, there is also production of other bee products: royal jelly, propolis and pollen.



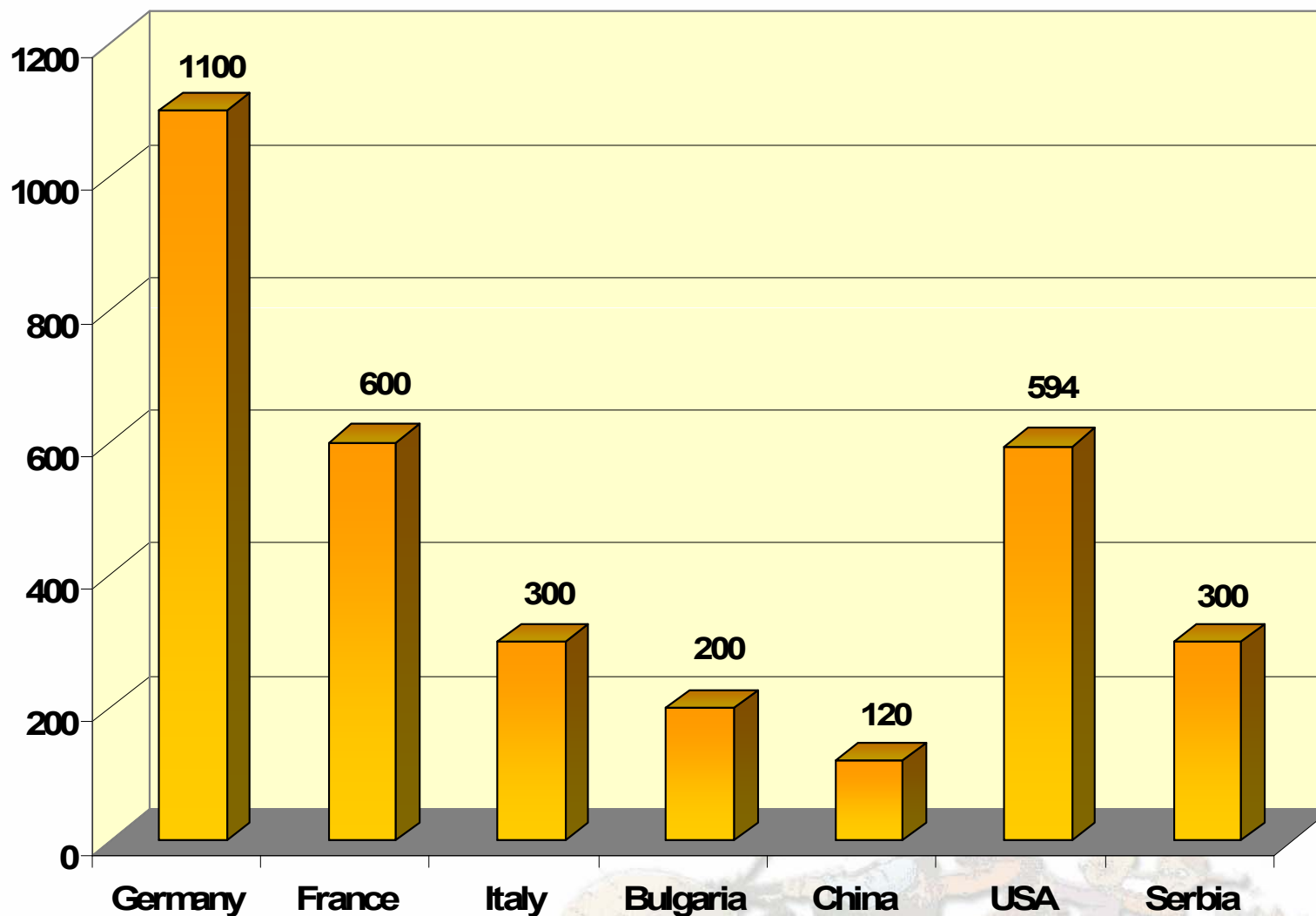
Honey production in Serbia (per hives-annualy, no of hives), kg;t

<i>year</i> <i>Production</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>
<i>Per hives (kg)</i>	13	13	13	9	15
<i>annual (t)</i>	3.665	4.048	3.538	2.561	4.577
<i>No of hives (000)</i>	276	304	267	298	302

podaci rzs



Honey consumption per capita in some countries, g



Beekiping in Serbia

Export and import of honey, (2006-2010)

Year	2006		2007		2008		2009		2010 (I-VI month.)	
honey 0409	Količ. u kg	vrednost u \$	Količ. u kg	vrednost u \$	Količ. u kg	vrednost u \$	Količ. u kg	vrednost u \$	Količ. u kg	vrednost u \$
Export	159.181	536.879	389.602	1.221.296	638.478	2.115.891	912.560	3.220.245	567.678	1.951.011
Import	7.967	24.169	16.170	44.526	2.746	21.456	13.074	85.359	41.150	148.638

Export countries: Germany, Hungary, Macedonia, Monte Negro, Austria, Bulgaria, Slovenia, Switzerland i Bosnia and Herzegovina

Import : Italy, Germany, Belgium i USA

- Custom rate: 27% for EU countries, 30% for others
- Levy 13,5 din/kg for EU, i 15 din/kg for other countries

Control of honey

based on :.

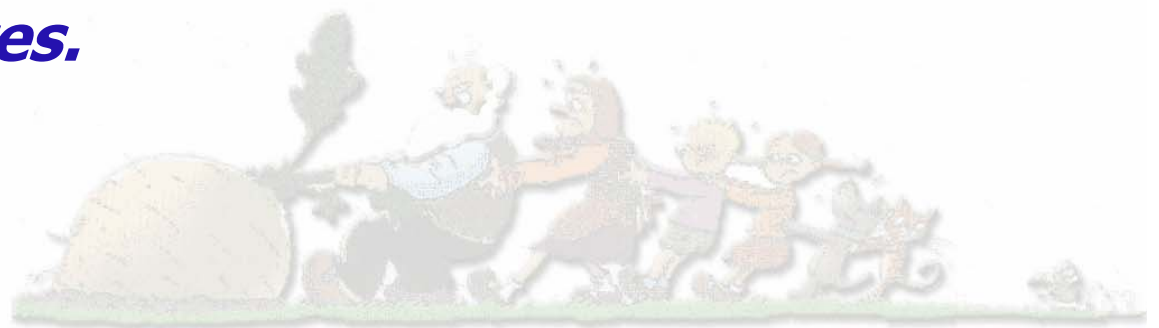
- Law on Veterinary Matters (OG SRJ 91/2005) and OG RS30/2010;
- Regulations on the mode of conducting veterinary-sanitary examination and control of animals before slaughter and control of products of animal origin (OG SFRY no. 68/89)
- Regulation on Quality of honey and special requests for honey (OG SFRY no. 45/2003)
- Regulation on setting forth the programme of systematic monitoring of residues of pharmacologically active substances, hormones and other harmful matters in live animals, products of animal origin, foodstuffs of animal origin and animal feedingstuffs (OG RS, No. 91/2009) – monitoring of residues of antibiotics, sulphonamides and quinolons.
- Related to this Regulation, R. Serbia adopts National Residue Monitoring Plans (NRMP) for every year and submit to EU Commission - aproved by EU

Activities of MAFWM – livestock sector (beekiping)

THE NATIONAL AGRICULTURAL PROGRAM OF THE REPUBLIC OF SERBIA 2010-2013

Action plan, which is reflected in three main
directions of activities:

- *Legislative Activity;*
- *Institutional Activity;*
- *Support measures.*



Legislative Activity

Year 2009th and 2010th are marked with strong legislative activities
(**31 Laws**):

- ✓ Adopted Law on livestock;
- ✓ Adopted Law on animal welfare;
- ✓ Adopted Law on organic production;
- ✓ Adopted Law on agriculture and rural development;
- ✓ Adopted changes on Veterinary law;
- ✓ Adopted changes on Law on Agricultural Land;
- ✓ We are in process of preparation of rulebooks.



Legislative Activity

Rulebooks which define beekiping:

- ✓ Rulebook on Contents and cadastre bee pasture, (*O.G. R.S. no. 67/10*) ;
- ✓ Regulations on the size of the buffer zone around the center for the selection of bee queens, the special conditions of transport and migration of bees and beekeeping breeding material, as well as special conditions for breeding of bees in the protection area, (*O.G.R.S. no. 67/10*) ;
- ✓ Rulebook on conditions and manner of breeding and migration of bees, the contents of certificates for transportation, as well as conditions for approval to beekeepers from other countries to use bee pasture in the Republic of Serbia, (will be published soon);
- ✓ Rulebook on the manner of marking of bee colonies and beehouses registration, (*O.G.R.S. no. 54/10*) ;
- ✓ Rulebook of honey and other bee products, (*O.G. S.R.J. no. 45/03*) ;

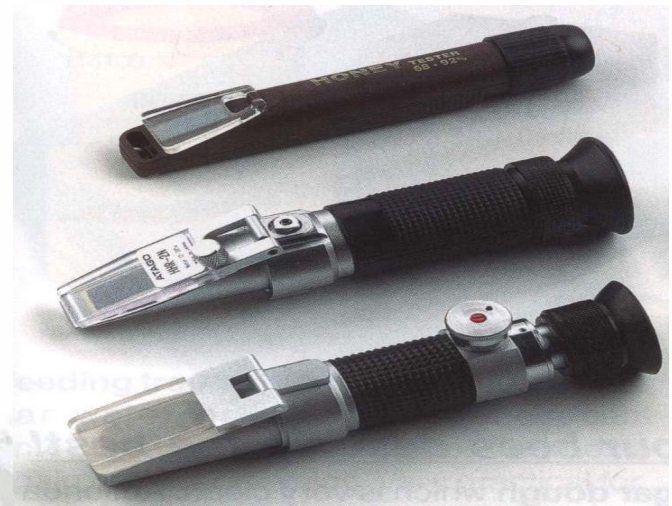


Institutional support

- Establishment of a central database for the selection of domestic animals which will be connected with the central database of marked animals;
- Unifying of the main registers in Livestock;
- Establishing of the system of national laboratories for independent quality control.



Beekiping in Serbia



Different types of refractometer

Support measures

Support to agriculture and subsidizing farmers is based on the Law on Budget, (agrarian budget) which is adopted annually on the proposal of MAFWM.

RS Government adopting based on the proposal of the MAFWM regulation on establishing a long-term measures for implementation of breeding programs for a period of five years, and in line with long-term program brings the annual program of measures to implement breeding programs in terms of the act of Regulation.



Subsidy for implementing of breeding programs - (*selection measures*)

Implementing by Centers for selection of royal bees.

R. br.	<i>Measures for implementation of breeding program</i>
1.	Selected bee queens from the lines
2.	Performance test of the lines
3.	Progeny test bee queens
4.	Selection of bees on productivity
5.	Monitoring of new ecotypes of bees
6.	Test of drones mothers
total 2.272.000 RSD	



Subsidy for improvement of beekiping

Users of financial incentives can get incentives once in a year, and to purchase:

- Swarms of bees standard established in five frames and
- good quality bee queens in next amounts:
 - 3.000 din for swarms of bees standard established in five frames i
 - 700 din for good quality bee queen





Subsidy to support the development of organic production

Subsidies for the introduction and certification of food safety system

Subsidy for investment in agricultural equipment, procurement of equipment for storing, processing and packaging of bee products:

centrifuge za med, stresač pčela, električni otklapač saća sa pratećom opremom, electric pumps and pneumatic filling honey, automatic table for honey packing, grading macjine, packing plants, calibrators, bee line for the production of food, hammer mill for grinding sugar, electric polen dryer etc.

Subsidy for the development of credit markets...



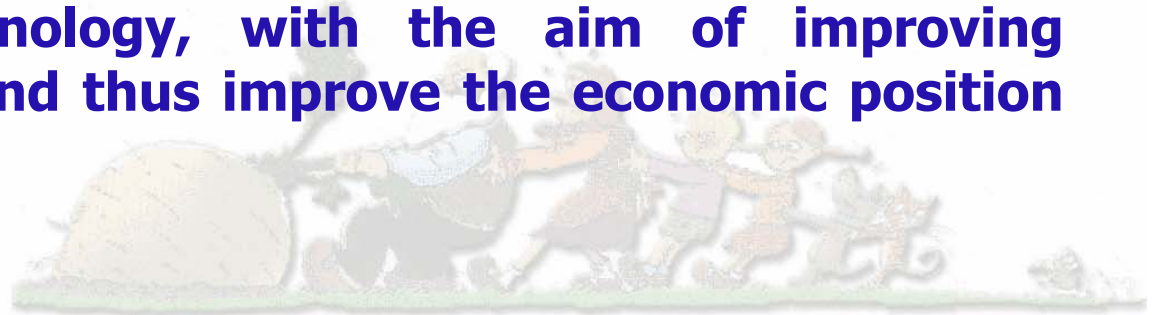
Method of implementation

Regulation are implemented through the Directorate for Agricultural Payments

Control of the implementation of regulations is through the Inspectorate General, Department for the control of financial incentives in agriculture and animal husbandry.

Goal is ...

Allow to producers to prepare for strong competition with producers from the region, with application of new knowledge and technology, with the aim of improving livestock production and thus improve the economic position of producers.





**Beacuse: Main competitors
are producers from the EU**



Beekiping in Serbia

thank you on your attention

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