



EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL
Unit 04 - Veterinary Control Programmes

SANCO/3931/2008

*Programmes for the eradication, control and monitoring of certain
animal diseases and zoonoses*

Multi-annual programme for the eradication of Rabies

Approved* for 2009 by Commission Decision 2008/897/EC

Czech Republic

* in accordance with Commission Decision 90/424/EEC



Multi-annual programme for the control of Rabies 2008 - 2009

Member State: **Czech Republic**

Disease: **Rabies**

Year of implementation: **2009**

The programme has been approved by Commission Decision 2007/782/EC

Organisation responsible for the programme:

State Veterinary Administration of the Czech Republic

Department of Animal Health and Welfare

Slezská 7

120 56 Prague 2

Contact Name: MVDr. Petr Šatrán, Ph.D.
 Phone: +420227010150
 Fax: +420227010195
 E-mail: **epiz@svscr.cz**

Date sent to the Commission: 29. 4. 2008



1. Historical data on the epidemiological evolution of the disease:

Rabies history

The Czech Republic belongs to those countries in which the incidence of rabies in wildlife was steadily increasing since the 1950s until 1980s.

Continual research carried out during 1960 – 1980 proved that rabies had become endemic in the border areas of West and North Bohemia and North Moravia. The importance of foxes in rabies epidemiology increased and red fox became the principal vector of rabies in the Czech Republic. Neither subsidies payment for hunted foxes, which was introduced in 1969, nor gassing of fox dens, carried out during 1979-1984, did not improved the situation.

In the 1980s rabies reached its greatest geographical range. With the exception of several districts, the whole territory of the Czech Republic was affected. The oral vaccination of foxes was launched in a few districts adjacent to German borders in 1989 and implemented further thereafter. Since that time continual decline has been visible especially since 1992 when positive effect of oral vaccination has become evident

Status of Rabies

The rabies data reported during the last thirteen years indicate the development of the rabies situation in our country since the beginning of oral vaccination. In the period 1989 to 2005, 154 661 animals were examined for rabies. The major part of them were foxes (more than 50%) followed by cats and dogs participating by 30 % together.

Rabies was diagnosed in 6 180 cases during this thirteen year period. The highest number of rabies cases was recorded in 1989 reaching 1 501 cases. The lowest occurrence was recorded in April 2002(the last 3 cases in red foxes). In 2004 the Czech Republic obtained a status of a country officially free of rabies. In 2005 one positive bat for rabies was recorded. In 2006 and 2007 there was no positive finding of Rabies in the Czech Republic.



2. Description of the programme for Rabies control:

Domestic animals

Preventive vaccination of domestic carnivores and if necessary, domestic herbivores is the principal method of domestic animals protection. The inactivated tissue-culture vaccines are used exclusively for this purpose.

Wildlife animals

The strategy of rabies control is based on reduction of wildlife reservoir of the virus by oral vaccination of foxes.

Oral vaccination of foxes

The field trial of oral immunization of foxes was started in the Czech Republic in spring 1989. The project planning and organization was prepared according to the rules of the WHO, in close co-operation with the Rabies Centre in Tübingen.

The first application of the oral rabies vaccine was carried out in the districts Klatovy, Domažlice, Tachov adjacent to German border in the spring 1989. In the course of next campaigns the treated area was extended covering 44 districts in autumn 1992. In the autumn 1993 the whole territory of the Czech Republic, with exception of rabies free districts bordering Germany, was included.

The "Bavarian model" was applied during all vaccination campaigns. The hunters placed the vaccine baits manually in their hunting preserves. The strategy of vaccine baits distribution twice a year in spring and autumn was applied. Veterinary authorities were responsible for coordination and supervision of the campaigns at the district level. The original baits density 16 doses per 1 km² were gradually increased, mainly in the areas with non-favourable epidemiological situation. Since 1996, the aerial distribution of the vaccine baits was used on restricted territory (4 - 6 districts). In 2002 the aerial vaccination was extended reaching 50% of treated territory (29 districts). The aerial vaccination was extended reaching 99% of treated territory in 2004.



Results of oral vaccination 1996 – 2007

Control examinations following baits distribution were oriented to baits uptake, rabies diagnosis, tetracycline marking, characterization of virus strains and antibody formation.

The indirect measuring of baits uptake was obtained by the examination of fox bones for tetracycline incorporation.

Oral vaccination had undisputable positive influence on rabies incidence. A considerable reduction of positive findings was noticed, - from 1501 cases started in 1989 to 3 cases in 2002. An increase was registered in the year 1999 (214 cases). Since 2003 to 2005 only one positive bat for rabies was recorded. In the year 2006 and 2007 there was no occurrence of Rabies on the whole territory of the Czech Republic.

3. Measures of the submitted programme for oral vaccination of foxes

Summary of measures under the programme

Duration of the programme

The oral vaccination has been carried out since 1989 and it is foreseen to continue with oral vaccination of foxes to the end of the year 2009. Regarding recent occurrence of Rabies and epidemiological situation abroad it is foreseen to create and keep the buffer zone around the borders to Poland and Slovakia. The final decision about termination of the oral vaccination will be taken according to the epidemiological assessment in the year 2009. In respect to present epidemiological situation we assume that year 2009 will final year of oral vaccination in the Czech Republic.

Designation of the central authority charged with supervising and coordinating the departments responsible for implementing the programme:

The central authority competent for supervising and coordinating all activities in veterinary care is the State Veterinary Administration, which performs its powers at the whole territory of the Czech Republic (§ 47, Veterinary Act No 166/1999 Col. of Acts). SVA of the CR coordinates the activities of Regional Veterinary Administrations.



The Department of Animal Health and Welfare in co-operation with the National reference Laboratory for Rabies will prepare a concrete plan of the oral vaccination according the present rabies situation. This plan is approved by the State Veterinary Administration afterwards. Regular meetings are organised with the participation of the representatives of the air-company, the vaccine manufacturer and the representatives of the Regional Veterinary Administrations from districts which are involved in the vaccinated area. The exact timetable and further details are discussed at these meetings, such as:

- Distribution of the vaccine and its storage before vaccination and the delivery conditions to the airport (storage at -20°C).
- In the districts, where the vaccine is distributed manually the exact date and time of the vaccine bait distribution is fixed. The distribution to hunters and control of the vaccination is organised at the district level by Veterinary bodies.

A vaccine producer is selected in the tendering procedure. This company also ensured the aerial distribution of vaccine baits in current year. Manual distribution is carried out by hunting organisations in compliance with the instructions of the Regional Veterinary Administration.

Description and delimitation of the geographical and administrative areas in which the programme is to be applied:

The planned extent of buffer zone in 2009 (spring and autumn):

Area to be covered*	30 021 km²
Number of doses*	753 200 baits

** One vaccination campaign only*

For information about regional distribution see annex 1.

System in place for the registration of holdings:

The program will be performing in wild life population of foxes.



System in place for identification of animals:

The program will perform in wild life population of foxes without any identification of target animals.

Measures in place as regards the notification of the disease:

In the case of Rabies positive results the protective and control measures will be imposed according to the provisions of the Veterinary Act No. 166/1999 as amended.

Measures and terms of legislation as regards the control vaccination of the disease:

Control of baits acceptance after manual placement:

In the vaccinating areas, a distribution team checks the baiting sites on days 4, 8 and 14 following the placement. The number of baits taken is recorded into a protocol. The hunters also look out for animal signs and tracks, tooth marks in vaccine capsules in order to identify the animal species, which took the bait. The results are collected by veterinary inspectors and then are submitted to the National Reference Laboratory for rabies.

Follow up examinations:

At least 8 –10 foxes per 100 km² per year must be presented for rabies examination and further control investigation. That means about 50 foxes per district after each campaign. Not vaccinated districts have to be also included into the surveillance area. Beside of these, clinically suspect and found dead animals from all over the country should be analysed for rabies.

The evaluation of the efficacy includes:

- % of the bait uptake
- % of the TTC marker positivity
- Asses of the Rabies epidemiological situation



Measures and terms of legislation as regards the measures in the case of positive results:

In the case of Rabies positive results the protective and control measures will be imposed according to the provisions of the Veterinary Act No. 166/1999 coll., as amended.

3. 10. Measures and terms of legislation as regards the compensation for owners of slaughtered and killed animals:

In the case of Rabies positive results the protective and control measures will be imposed according to the provisions of the Veterinary Act No. 166/1999 coll., §67, as amended and 100% compensation for owners is established.

4. General description of the costs and benefits

4. 1. 1. Temporal pattern

The spring and autumn campaigns are organized annually.

Timing for aerial and manual vaccination:

Spring – April

Autumn - October.

4. 1. 2. Vaccines

Since 1992, only Czech made live attenuated vaccine SAD - Bern has been used for vaccination campaigns. Producer is Bioveta a.s., Ivanovice na Hané. More information about the vaccine you can see in the package insert attached in ANNEX.

4. 1. 3. Distribution

Aerial distribution – by a fixed-wing plane. Density = 25 - 30 baits/km².

Aerial distribution is the main method for distribution. Each campaign of aerial vaccination is coordinated and supervised by state veterinary inspectors. Each inspector is responsible for



area about 9 000 km² closed to one airport. The GPS system is used for navigation and flying lines are recorded by computer and printed out on a map. The distance of flight lines is 500 m; the speed is 150 –160 km per hour. The distribution by plane is more efficient than by hand with respect to a long – term vaccination. Better treatment is reached especially in the hilly areas.

Financial expenses in Czk

<i>Year</i>	<i>Price of baits*</i>	<i>Price for transport and storage</i>	<i>Price for laying by airplane*</i>	<i>Price for laying by hand</i>
<i>Spring 2009*</i>	8 847 500	0	4 389 070,20	0
<i>Autumn 2009*</i>	8 847 500	0	4 389 070,20	0
<i>Total 2009*</i>	17 695 000	0	8 778 140,40	0

* Prices are without tax (VAT)

For more details, see ANNEX



5. Data on the epidemiological evolution during the last five years

The Czech Republic remained rabies-free. The last rabies case was found in April of 2002 in a red fox in the district of Trutnov close to the border with Poland. Since that time there has not been a single case of rabies diagnosed. The Czech Republic thereby fulfilled the criteria for recognition as a rabies-free state. This event was documented in the OIE journal Disease Information No. 30, 23 June 2004. Also, the Czech Republic has remained rabies-free for 2004, 2005, 2006 and 2007.

6. 1. Number of foxes examined per 100 km²

<i>Year</i>	<i>Number of examined</i>	<i>Number/100 km²</i>
2000	6 411	10,6
2001	5 281	8,8
2002	6 607	11,0
2003	6 248	10,4
2004	7 164	11,9
2005	8 242	12,9
2006	7 066	11,7
2007	8 401	14

6. 2. Monitoring of wildlife

Animal species: Fox

Virological tests, which are used: Direct Immunofluorescent Test and Mouse isolation test.

Control of vaccination efficacy is performing by biomarker detection test and Serum neutralization test on cell culture.

Surveillance of Vaccination efficiency in red foxes in 2007 the evaluation of the efficacy

**Laboratory examination for rabies in the CR – 2007**

<i>Region</i>	<i>Number of foxes tested</i>	<i>Positive</i>
<i>Central Bohemia</i>	968	0
<i>Hradec Králové</i>	900	0
<i>Karlovy Vary</i>	247	0
<i>Liberec</i>	582	0
<i>Moravia-Silesian</i>	925	0
<i>Olomouc</i>	269	0
<i>Pardubice</i>	662	0
<i>Plzeň</i>	520	0
<i>Praha</i>	36	0
<i>South Bohemian</i>	724	0
<i>South Moravia</i>	668	0
<i>Ústí nad Labem</i>	635	0
<i>Vysočina</i>	555	0
<i>Zlín</i>	710	0
<i>Total</i>	8 401	0

Number of foxes examined per 100 km² = 14

6.3. Data on vaccination of wildlife**Number of baits lay down on the whole Czech Republic territory**

<i>Campaign</i>	<i>Number of baits</i>	<i>Area in km²</i>	<i>Area in km² by hand</i>	<i>Area in km² by airplane</i>
<i>Spring 2002</i>	1 175 700	54 592	27 206	27 386
<i>Autumn 2002</i>	1 192 200	54 592	24 960	29 632
<i>Spring 2003</i>	1 378 400	55 126	433	54 693
<i>Autumn 2003</i>	1 378 400	55 126	433	54 693
<i>Spring 2004</i>	1 378 400	55 126	433	54 693
<i>Autumn 2004</i>	1 485 000	59 390	433	58 957
<i>Spring 2005</i>	799 000	31 894	133	31 761
<i>Autumn 2005</i>	799 000	31 894	133	31 761
<i>Spring 2006</i>	799 000	31 894	133	31 761
<i>Autumn 2006</i>	799 000	31 894	133	31 761
<i>Spring 2007</i>	753 200	30 021	0	30 021
<i>Autumn 2007</i>	753 200	30 021	0	30 021



6. Targets on vaccination of wildlife

Disease: Rabies

Animal species: Fox

Number of baits to be laid down in the frame of the programme

<i>Campaign</i>	<i>Number of baits</i>	<i>Area in km²</i>	<i>Area in km² by hand</i>	<i>Area in km² by airplane</i>
<i>Spring 2009</i>	753 200	30 021	0	30 021
<i>Autumn 2009</i>	753 200	30 021	0	30 021
<i>Total 2009</i>	1 506 400	60 042	0	60 042

For more details and regional distribution, see tables and maps in annexes.

Testing scheme

After each campaign, specimens of wildlife animals are collected within vaccination area for examination, as recommended by WHO. At least 8 – 10 foxes per 100 km² per annum must be presented for rabies examination and further control investigation. That means about 50 foxes per district after each campaign. No vaccinated districts have to be also included into surveillance area. Beside of these clinically suspect and found dead animals from all over country should be analysed for rabies.

Control examination following bait distribution should be directed at bait uptake, rabies diagnosis, tetracycline marking, characterization of virus strains and antibody formation. The indirect measuring of bait uptake is obtained by the examination of fox bones for tetracycline incorporation. Antibody formation is tested in the body fluids. Specific virus neutralizing antibodies are detected.

**7. 1. 1. 1. Number and specification of tests to be carried out in the year 2009**

Region	Type of tests	Target population	Type of sample	Objective	Number of planned tests
Central Bohemia	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	950
Hradec Králové	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	750
Karlovy Vary	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	300
Liberec	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	550
Moravia-Silesian	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	890
Olomouc	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	320
Pardubice	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	620
Plzeň	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	550
Praha	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	50
South Bohemian	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	800
South Moravia	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	620
Ústí nad Labem	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	650
Vysočina	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	500
Zlín	FAT,SNT,TTC	Fox	Brain,Blood,Bone	monitoring of campaigns	600
Total					8150
FAT - Florescent antibody test					
SNT - Serum neutralization test on cell culture					
TTC - Tetracycline marker test					



8. Detailed analysis of the cost of the programme

The competent authority wishes 50% of co-financing of the total cost to be considered by the Commission.

8.1. Summary of the costs 2009

<i>Costs related to</i>	<i>Specification</i>	<i>Number of units</i>	<i>Unitary cost in Czk</i>	<i>Total amount in Czk</i>	<i>Community funding requested</i>
<i>1. Vaccination</i>					
<i>1. Purchase of vaccine</i>	Spring campaign	753 200 baits	12,50	9 415 000	Yes
	Autumn campaign	753 200 baits	12,50	9 415 000	Yes
<i>2. Distribution costs</i>	Spring by airplane	30 021 km ²	146,20	4 389 070,20	Yes
	Autumn by airplane	28 189 km ²	146,20	4 389 070,20	Yes Yes
<i>3. Testing costs</i>					
	Fluorescent antibody test	8 150	360	2 934 000	Yes
	Serum neutralization test on cell culture	1 400	260	364 000	Yes
	Tetracycline marker test	2 700	140	378 000	Yes
		Total		31 284 140,40 Czk	Yes

Prices are without taxes

Orální vakcinace lišek rok 2008 - 9 kampaň jaro nebo podzim

okres	položené km ²		počet dávek		celkem
	letecky	ručně	letecky	ručně	
BN Benešov	0	0	0	0	0
BE Beroun	0	0	0	0	0
BK Blansko	0	0	0	0	0
BM Břmo-město	0	0	0	0	0
BO Břmo-venkov	0	0	0	0	0
BR Bruntál	1.659	0	41.300	0	41.300
BV Břeclav	1.033	0	25.900	0	25.900
CL Česká Lípa	1.152	0	29.400	0	29.400
CB České Břdeřovice	0	0	0	0	0
CK Český Křumlov	0	0	0	0	0
DC Děčín	0	0	0	0	0
DO Domařilice	0	0	0	0	0
FM Frydek-Místek	1.033	0	25.900	0	25.900
HB Havlíčkův Brod	0	0	0	0	0
HO Hodonín	1.000	0	25.200	0	25.200
HK Hradec Králové	0	0	0	0	0
CH Cheb	0	0	0	0	0
CV Chomutov	0	0	0	0	0
CR Chrudim	0	0	0	0	0
JN Jablonec nad Nisou	400	0	9.100	0	9.100
JE Jeseník	720	0	18.200	0	18.200
JC Jičín	887	0	21.700	0	21.700
JI Jihlava	0	0	0	0	0
JH Jindřichův Hradec	0	0	0	0	0
KV Karlovy Vary	0	0	0	0	0
KI Karviná	347	0	9.100	0	9.100
KL Kladno	0	0	0	0	0
KT Klatovy	0	0	0	0	0
KO Kolín	0	0	0	0	0
KM Kroměřiz	900	0	22.400	0	22.400
KH Kutná Hora	0	0	0	0	0
LB Liberec	600	0	20.300	0	20.300
LT Litoměřice	0	0	0	0	0

cena za dávku...
14,90 Kč

cena za 1 km² letecky
174,00 Kč

cena za 1 km² ručně
0,00 Kč

Orální vakcinace lišek

rok 2008 - 9

kampaň

jaro nebo podzim

okres	položene km ²			počet dávek			cena za dávku
	letecky	ručně	celkem	letecky	ručně	celkem	
LN Louny	0	0	0	0	0	0	
ME Mělník	0	0	0	0	0	0	
MB Mladá Boleslav	1 058	0	1 058	26 600	0	26 600	
MO Most	0	0	0	0	0	0	
NA Náchod	666	0	666	16 800	0	16 800	
NJ Nový Jičín	967	0	967	24 500	0	24 500	
NB Nymburk	0	0	0	0	0	0	
OL Olomouc	0	0	0	0	0	0	
OP Opava	1 144	0	1 144	28 700	0	28 700	
OS Ostrava-město	0	0	0	0	0	0	
PU Pardubice	0	0	0	0	0	0	
PE Pekiřimov	0	0	0	0	0	0	
PI Písek	0	0	0	0	0	0	
PJ Pízeň-jih	0	0	0	0	0	0	
PM Pízeň-město	0	0	0	0	0	0	
PS Pízeň-sever	0	0	0	0	0	0	
AB Praha-město	0	0	0	0	0	0	
PY Praha-východ	0	0	0	0	0	0	
PZ Praha-západ	0	0	0	0	0	0	
PT Prachalice	0	0	0	0	0	0	
PV Prostějov	0	0	0	0	0	0	
PR Přešov	884	0	884	21 700	0	21 700	
PB Příbram	0	0	0	0	0	0	

Orální vakcinace lišek rok 2008 - 9 kampaň jaro nebo podzim

okres	položení km ²			počet dávek			celkem
	letecky	ručně	celkem	letecky	ručně	k norám	
RA Rakovník	0	0	0	0	0	0	0
RO Rokycany	0	0	0	0	0	0	0
RK Rychnov nad Kněžnou	1.012	0	1.012	25.200	0	0	25.200
SM Semily	699	0	699	21.000	0	0	21.000
SO Sokolov	0	0	0	0	0	0	0
ST Strakonice	0	0	0	0	0	0	0
SY Světavy	0	0	0	0	0	0	0
SU Šumperk	1.315	0	1.315	32.900	0	0	32.900
TA Tábor	0	0	0	0	0	0	0
TC Tachov	0	0	0	0	0	0	0
TP Teplice	0	0	0	0	0	0	0
TU Trutnov	1.050	0	1.050	25.200	0	0	25.200
TR Třebíč	0	0	0	0	0	0	0
UH Uherské Hradiště	867	0	867	21.700	0	0	21.700
UL Ústí nad Labem	0	0	0	0	0	0	0
UO Ústí nad Orlicí	1.264	0	1.264	31.500	0	0	31.500
VS Vsetín	1.033	0	1.033	25.900	0	0	25.900
VY Vyškov	666	0	666	16.600	0	0	16.600
ZL Zlín	733	0	733	18.200	0	0	18.200
ZN Znojmo	0	0	0	0	0	0	0
ZR Žďár nad Sázavou	0	0	0	0	0	0	0
CZE Česká republika	23.289	0	23.289	585.200	0	0	585.200
hranice SRN	0	0	0	0	0	0	0
hranice POL	2.500	0	2.500	62.600	0	0	62.600
hranice SK	2.400	0	2.400	60.000	0	0	60.000
hranice AUT	0	0	0	0	0	0	0
CELKEM	28.189	0	28.189	707.800	0	0	707.800

cena za dávku

počet dávek na km² při leteckém kladení 25 - 35
 počet dávek na km² při ručním kladení 0

Orální vakcinace lišek

rok 2008 - 9 kampaň

jaro nebo podzim

okres	plocha km ²		počet dávek	
	letecky	ručně	letecky	ručně
	celkem		k norám	celkem
BN Benešov	0	0	0	0
BE Beroun	0	0	0	0
BK Blansko	0	0	0	0
BM Brno-město	0	0	0	0
BO Brno-venkov	0	0	0	0
BR Bruntál	1.659	0	41.300	0
BV Břeclav	1.033	0	25.900	0
CL Česká Lipa	1.152	0	29.400	0
CB České Budějovice	0	0	0	0
CK Český Krumlov	0	0	0	0
DC Děčín	0	0	0	0
DO Domažlice	0	0	0	0
FM Frydek-Místek	1.033	0	25.900	0
HB Havlíčkův Brod	0	0	0	0
HO Hodonín	1.000	0	25.200	0
HK Hradec Králové	0	0	0	0
CH Cheb	0	0	0	0
CV Chomutov	0	0	0	0
CR Chrudim	0	0	0	0
JN Jablonec nad Nisou	400	0	9.100	0
JE Jeseník	720	0	18.200	0
JC Jičín	887	0	21.700	0
JL Jihlava	0	0	0	0
JH Jindřichův Hradec	0	0	0	0
KV Karlovy Vary	0	0	0	0
KI Karviná	347	0	9.100	0
KL Kladno	0	0	0	0
KT Klatovy	0	0	0	0
KO Kolín	0	0	0	0
KM Kroměříž	900	0	22.400	0
KH Krušná Hora	0	0	0	0

Orální vakcinace lišek rok 2008 - 9 kampaň jaro nebo podzim

okres	položené km ²		počet dávek	
	letecky	ručně	letecky	ručně
LB Liberec	800	0	20.300	0
LT Litoměřice	0	0	0	0
LN Louny	0	0	0	0
ME Mělník	0	0	0	0
MB Mladá Boleslav	1.058	0	26.600	0
MO Most	0	0	0	0
NA Náchod	666	0	16.800	0
NJ Nový Jičín	967	0	24.500	0
NB Nymburk	0	0	0	0
OL Olomouc	0	0	0	0
OP Opava	1.144	0	28.700	0
OS Ostrava-město	0	0	0	0
PU Pardubice	0	0	0	0
PE Pelhřimov	0	0	0	0
PI Písek	0	0	0	0
PJ Pízeň-jih	0	0	0	0
PM Pízeň-město	0	0	0	0
PS Pízeň-sever	0	0	0	0
AB Praha-město	0	0	0	0
PY Praha-východ	0	0	0	0
PZ Praha-západ	0	0	0	0
PT Prachatice	0	0	0	0
PV Prostějov	0	0	0	0
PR Píerov	884	0	21.700	0
PB Příbram	0	0	0	0
celkem	800	0	20.300	0
celkem	1.058	0	26.600	0
celkem	666	0	16.800	0
celkem	967	0	24.500	0
celkem	1.144	0	28.700	0
celkem	884	0	21.700	0
celkem	0	0	0	0

Orální vakcinace lišek

rok 2008 - 9

kampaň

jaro nebo podzim

okres	položené km ²			počet dávek		
	letecky	ručně	celkem	letecky	ručně	celkem
RA Rakovník	0	0	0	0	0	0
RO Rokycany	0	0	0	0	0	0
RK Rychnov nad Kněžnou	1.012	0	1.012	25.200	0	25.200
SM Semily	699	0	699	21.000	0	21.000
SO Sokolov	0	0	0	0	0	0
ST Strakonice	0	0	0	0	0	0
SY Svitavy	0	0	0	0	0	0
SU Šumperk	1.315	0	1.315	32.900	0	32.900
TA Tábor	0	0	0	0	0	0
TC Tachov	0	0	0	0	0	0
TP Teplice	0	0	0	0	0	0
TU Třebíč	1.050	0	1.050	25.200	0	25.200
TR Třebíč	0	0	0	0	0	0
UH Uherské Hradiště	867	0	867	21.700	0	21.700
UL Ústí nad Labem	0	0	0	0	0	0
UO Ústí nad Orlicí	1.264	0	1.264	31.500	0	31.500
VS Vsetín	1.033	0	1.033	25.900	0	25.900
VY Vyškov	666	0	666	16.800	0	16.800
ZL Zlín	733	0	733	18.200	0	18.200
ZN Znojmo	0	0	0	0	0	0
ZR Žďár nad Sázavou	0	0	0	0	0	0
ČZE Česká republika	23.289	0	23.289	585.200	0	585.200
hranice SRN	0	0	0	0	0	0
hranice POL	2.500	0	2.500	62.600	0	62.600
hranice SK	2.400	0	2.400	60.000	0	60.000
hranice AUT	0	0	0	0	0	0
CELKEM	28.189	0	28.189	707.800	0	707.800

Orální vakcinace lišek rok 2008 - 9 kampaň jaro nebo podzim

okres	položené km ²		počet dávek	
	letecky	ručně	letecky	ručně
počet dávek na km ² při leteckém klázení		celkem	k norám	celkem
počet dávek na km ² při ručním klázení		25 - 35		
		18		

cena za dávku	14,90 Kč
cena za 1 km ² letecky	174,00 Kč
cena za 1 km ² ručně	

cena za dávku

cena za dávku

..... cena za dávku

Orální vakcinace lišek

rok 2009 kampaň Jaro

okres	pložené km ²		počet dávek		celkem
	letecky	ručně	letecky	ručně	
BN Benešov	0	0	0	0	0
BE Beroun	0	0	0	0	0
BK Blansko	0	0	0	0	0
BM Brno-město	0	0	0	0	0
BO Brno-venkov	400	0	10.000	0	10.000
BR Bruntál	1.659	0	41.300	0	41.300
BV Svitav	1.033	0	25.900	0	25.900
ČL Česká Lípa	1.152	0	29.400	0	29.400
CB České Budějovice	0	0	0	0	0
CK Český Krumlov	0	0	0	0	0
DC Děčín	912	0	22.400	0	22.400
DO Domažlice	0	0	0	0	0
FM Frýdek-Místek	1.033	0	25.900	0	25.900
HB Havlíčkův Brod	0	0	0	0	0
HO Hodonín	1.000	0	25.200	0	25.200
HK Hradec Králové	0	0	0	0	0
CH Cheb	0	0	0	0	0
CV Chomutov	0	0	0	0	0
CR Chrudim	0	0	0	0	0
JN Jablonec nad Nisou	400	0	9.100	0	9.100
JE Jeseník	720	0	18.200	0	18.200
JC Jičín	887	0	21.700	0	21.700
Jl Jihlava	0	0	0	0	0
JH Jindřichův Hradec	0	0	0	0	0
KV Karlovy Vary	0	0	0	0	0
KI Karviná	347	0	9.100	0	9.100
KL Kladno	0	0	0	0	0
KT Klatovy	0	0	0	0	0
KO Kolín	0	0	0	0	0
KM Kroměříž	900	0	22.400	0	22.400
XH Kutná Hora	0	0	0	0	0
LB Liberec	800	0	20.300	0	20.300
LT Litoměřice	0	0	0	0	0
LN Louny	0	0	0	0	0

cena za dávku
12,50 Kčcena za 1 km² letecky
146,20 Kčcena za 1 km² ručně
0,00 Kčkurs za 1 Euro
25,00 Kč/1 EUR

Orální vakcinace lišek

rok 2009

kampaň

Jaro

okres	položení km ²			počet dávek			cena za dávku
	letecky	ručně	celkem	letecky	ručně	celkem	
ME Mělník	0	0	0	0	0	0	0
MB Mladá Boleslav	1 058	0	1 058	26 600	0	26 600	0
MO Most	0	0	0	0	0	0	0
NA Náchod	666	0	666	16 800	0	16 800	0
NJ Nový Jičín	967	0	967	24 500	0	24 500	0
NB Nymburk	0	0	0	0	0	0	0
OL Olomouc	0	0	0	0	0	0	0
OP Opava	1 144	0	1 144	28 700	0	28 700	0
OS Ostrava-město	0	0	0	0	0	0	0
PU Pardubice	0	0	0	0	0	0	0
PE Pelhřimov	0	0	0	0	0	0	0
PI Písek	0	0	0	0	0	0	0
PJ Pízeň-jih	0	0	0	0	0	0	0
PM Pízeň-město	0	0	0	0	0	0	0
PS Pízeň-sever	0	0	0	0	0	0	0
AB Praha-město	0	0	0	0	0	0	0
PY Praha-východ	0	0	0	0	0	0	0
PZ Praha-západ	0	0	0	0	0	0	0
PT Praha-čáslav	0	0	0	0	0	0	0
PV Prostějov	120	0	120	3 000	0	3 000	0
PR Pterov	884	0	884	21 700	0	21 700	0
PB Příbram	0	0	0	0	0	0	0

Orální vakcinace lišek

rok 2009

kampaň

Jaro

okres	položené km ²		počet dávek		celkem
	letecky	ručná	letecky	ručně	
RA Rakovník	0	0	0	0	0
RO Rokycany	0	0	0	0	0
RK Rychnov nad Kněžnou	1 012	0	25 200	0	25 200
SM Semily	699	0	21 000	0	21 000
SO Sokolov	0	0	0	0	0
ST Strakonice	0	0	0	0	0
SY Svítavy	0	0	0	0	0
SU Šumperk	1 315	0	32 900	0	32 900
TA Tábor	0	0	0	0	0
TC Tachov	0	0	0	0	0
TP Teplice	0	0	0	0	0
TU Trutnov	1 050	0	25 200	0	25 200
TR Třebíč	867	0	21 700	0	21 700
UH Uherské Hradiště	0	0	0	0	0
UL Ústí nad Labem	0	0	0	0	0
UO Ústí nad Orlicí	1 264	0	31 500	0	31 500
VŠ Vsetín	1 033	0	25 900	0	25 900
VY Vyškov	666	0	16 800	0	16 800
ZL Zlín	733	0	16 200	0	16 200
ZN Znojmo	400	0	10 000	0	10 000
ZR Žďár nad Sázavou	0	0	0	0	0
CZE Česká republika	25 121	0	630 600	0	630 600
hranice SRN	0	0	0	0	0
hranice POL	2 500	0	62 600	0	62 600
hranice SK	2 400	0	60 000	0	60 000
hranice AUT	0	0	0	0	0
CELKEM	30 021	0	753 200	0	753 200

cena za dávku

počet dávek na km² při leteckém kladení

25 - 30

počet dávek na km² při ručním kladení

0

Orální vakcinace lišek

rok 2009

kampaň

Jaro

01. Hlavní město Praha		položení km ²		počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	celkem
AB Praha-město	0	0	0	0	0	0

02. Středočeský kraj							položení km ²			počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	celkem	letecky	ručně	celkem			
BN Benešov	0	0	0	0	0	0	0	0	0			
BE Beroun	0	0	0	0	0	0	0	0	0			
KL Kladno	0	0	0	0	0	0	0	0	0			
KO Kolín	0	0	0	0	0	0	0	0	0			
KH Kutná Hora	0	0	0	0	0	0	0	0	0			
ME Měhlík	0	0	0	0	0	0	0	0	0			
MB Mladá Boleslav	1 058	0	1 058	26 600	0	26 600	0	0	0			
NB Nymburk	0	0	0	0	0	0	0	0	0			
PY Praha-východ	0	0	0	0	0	0	0	0	0			
PZ Praha-západ	0	0	0	0	0	0	0	0	0			
PB Příbram	0	0	0	0	0	0	0	0	0			
RA Rakovník	0	0	0	0	0	0	0	0	0			
Stk celkem	1 058	0	1 058	26 600	0	26 600	0	0	0			

rok 2009

kampaň

Jaro

03. Jihočeský kraj		položené km ²		počet dávek	
okres	letecky	ručně	celkem	letecky	ručně
CB České Budějovice	0	0	0	0	0
CK Český Krumlov	0	0	0	0	0
JH Jindřichův Hradec	0	0	0	0	0
PI Písek	0	0	0	0	0
PT Prachatice	0	0	0	0	0
ST Strakonice	0	0	0	0	0
TA Tábor	0	0	0	0	0
Jčk celkem	0	0	0	0	0

04. Plzeňský kraj		položené km ²		počet dávek	
okres	letecky	ručně	celkem	letecky	ručně
DO Domažlice	0	0	0	0	0
KT Klatovy	0	0	0	0	0
PJ Pízeň-jih	0	0	0	0	0
PM Pízeň-město	0	0	0	0	0
PS Pízeň-sever	0	0	0	0	0
RO Rokycany	0	0	0	0	0
TC Tachov	0	0	0	0	0
Plk celkem	0	0	0	0	0

05. Karlovarský kraj		položené km ²		počet dávek	
okres	letecky	ručně	celkem	letecky	ručně
CH Cheb	0	0	0	0	0
KV Karlovy Vary	0	0	0	0	0
SO Sokolov	0	0	0	0	0
Kvk celkem	0	0	0	0	0

rok 2009

kampaň

Jaro

06. Ústecký kraj		položení km ²		počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	celkem
DC Děčín	912	0	912	22.400	0	22.400
CV Chomutov	0	0	0	0	0	0
LT Litoměřice	0	0	0	0	0	0
LN Louny	0	0	0	0	0	0
MO Most	0	0	0	0	0	0
TP Teplice	0	0	0	0	0	0
UL Ústí nad Labem	0	0	0	0	0	0
Usk celkem	912	0	912	22.400	0	22.400

07. Liberecký kraj		položení km ²		počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	celkem
CL Česká Lípa	1.152	0	1.152	29.400	0	29.400
JN Jablonec nad Nisou	400	0	400	9.100	0	9.100
LB Liberec	800	0	800	20.300	0	20.300
SM Semily	699	0	699	21.000	0	21.000
Lik celkem	3.051	0	3.051	79.800	0	79.800

08. Královéhradecký kraj		položení km ²		počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	celkem
HK Hradec Králové	0	0	0	0	0	0
JC Jičín	887	0	887	21.700	0	21.700
NA Náchod	666	0	666	16.800	0	16.800
RK Rychnov nad Kněžnou	1.012	0	1.012	25.200	0	25.200
TU Trutnov	1.050	0	1.050	25.200	0	25.200
Khk celkem	3.615	0	3.615	88.900	0	88.900

rok 2009

kampaně

Jaro

09. Pardubický kraj		položené km ²		počet dávek	
okres	letecky	ručně	celkem	letecky	ručně
CR Chrudim	0	0	0	0	0
PU Pardubice	0	0	0	0	0
SY Svitavy	0	0	0	0	0
ÚO Ústí nad Orlicí	1.264	0	1.264	31.500	0
Pak celkem	1.264	0	1.264	31.500	0

10. Vysočina		položené km ²		počet dávek	
okres	letecky	ručně	celkem	letecky	ručně
HB Havlíčkův Brod	0	0	0	0	0
Jl Jihlava	0	0	0	0	0
PE Pelhřimov	0	0	0	0	0
TR Třebíč	0	0	0	0	0
ZR Žďár nad Sázavou	0	0	0	0	0
Vys celkem	0	0	0	0	0

11. Jihomoravský kraj		položené km ²		počet dávek	
okres	letecky	ručně	celkem	letecky	ručně
BK Blansko	0	0	0	0	0
BM Brno-město	0	0	0	0	0
BO Brno-venkov	400	0	400	10.000	0
BV Břeclav	1.033	0	1.033	25.900	0
HO Hodonín	1.000	0	1.000	25.200	0
VY Vyškov	666	0	666	16.800	0
ZN Znojmo	400	0	400	10.000	0
Jmk celkem	3.499	0	3.499	87.900	0

rok 2009

kampaň

Jaro

12. Olomoucký kraj			položene km ²			počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	k norám	celkem	
JE Jeseník	720	0	720	18.200	0	0	18.200	
OL Olomouc	0	0	0	0	0	0	0	
PV Prostějov	120	0	120	3.000	0	0	3.000	
PR Přerov	884	0	884	21.700	0	0	21.700	
SU Šumperk	1.315	0	1.315	32.900	0	0	32.900	
OK celkem	3.039	0	3.039	75.800	0	0	75.800	

13. Moravskoslezský kraj			položene km ²			počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	k norám	celkem	
BR Bruntál	1.659	0	1.659	41.300	0	0	41.300	
FM Frydek-Místek	1.033	0	1.033	25.900	0	0	25.900	
KI Karviná	347	0	347	9.100	0	0	9.100	
NJ Nový Jičín	967	0	967	24.500	0	0	24.500	
OP Opava	1.144	0	1.144	28.700	0	0	28.700	
OS Ostrava-město	0	0	0	0	0	0	0	
Msk celkem	5.150	0	5.150	129.500	0	0	129.500	

14. Zlínský kraj			položene km ²			počet dávek		
okres	letecky	ručně	celkem	letecky	ručně	k norám	celkem	
KM Kroměříž	900	0	900	22.400	0	0	22.400	
UH Uherské Hradiště	867	0	867	21.700	0	0	21.700	
VS Vsetín	1.033	0	1.033	25.900	0	0	25.900	
ZL Zlín	733	0	733	18.200	0	0	18.200	
ZIK celkem	3.533	0	3.533	88.200	0	0	88.200	

rok 2009

kampaně

Jaro

SOUČET	letecky		položené km ²		počet dávek	
	letecky	ručně	letecky	ručně	letecky	ručně
CZE Česká republika	25.121	0	25.121	0	630.600	0
hranice SRN	0	0	0	0	0	0
hranice POL	2.500	0	2.500	0	62.600	0
hranice SVK	2.400	0	2.400	0	60.000	0
hranice AUT	0	0	0	0	0	0
CELKEM	30.021	0	30.021	0	753.200	0

počet dávek na km² při leteckém kladení 25 - 30počet dávek na km² při ručním kladení 0

Orální vakcinace lišek - ceny jsou s DPH

rok 2009

kampaně

Jaro

01. Hlavní město Praha							
okres	cena za dávku	cena za kladení / letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet	
AB Praha-město	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč	0,00 Kč
02. Středočeský kraj							
okres	cena za dávku	cena za kladení / letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet	
BN Benešov	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
BE Beroun	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
KL Kladno	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
KO Kolín	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
KH Kutná Hora	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
ME Mělník	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
MB Mladá Boleslav	332,500,00 Kč	154,679,60 Kč	0,00 Kč			487,179,60 Kč	487,179,60 Kč
NB Nymburk	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
PY Praha-východ	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
PZ Praha-západ	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
PB Příbram	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
RA Rakovník	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	0,00 Kč
Stk celkem	332,500,00 Kč	154,679,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	487,179,60 Kč	487,179,60 Kč

03. Jihočeský kraj						
	okres	cena za dávku		cena za kladení		součet
		letecky	ručně	letecky	ručně	
CB	České Budějovice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
CK	Český Krumlov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
JH	Jindřichův Hradec	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PI	Písek	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PT	Prácheň	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
ST	Strakonice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
TA	Tábor	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Jčk	celkem	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč

04. Plzeňský kraj						
	okres	cena za dávku		cena za kladení		součet
		letecky	ručně	letecky	ručně	
DO	Domazlice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
KT	Klatovy	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PJ	Pízeň-jih	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PM	Pízeň-město	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PS	Pízeň-sever	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
RO	Rokycany	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
TC	Tachov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Plk	celkem	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč

05. Karlovarský kraj						
	okres	cena za dávku		cena za kladení		součet
		letecky	ručně	letecky	ručně	
CH	Cheb	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
KV	Karlovy Vary	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
SO	Sokolov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Kvk	celkem	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč

06. Ústecký kraj						
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet
DC Děčín	280.000,00 Kč	133.334,40 Kč	0,00 Kč	0,00 Kč		413.334,40 Kč
CV Chomutov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč
LT Litoměřice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč
LN Louny	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč
MO Most	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč
TP Teplice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč
UL Ústí nad Labem	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč
Usk celkem	280.000,00 Kč	133.334,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	413.334,40 Kč

07. Liberecký kraj						
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet
GL Česká Lípa	367.500,00 Kč	168.422,40 Kč	0,00 Kč	0,00 Kč		535.922,40 Kč
JN Jablonec nad Nisou	113.750,00 Kč	58.480,00 Kč	0,00 Kč	0,00 Kč		172.230,00 Kč
LB Liberec	253.750,00 Kč	116.960,00 Kč	0,00 Kč	0,00 Kč		370.710,00 Kč
SM Semily	262.500,00 Kč	102.193,60 Kč	0,00 Kč	0,00 Kč		364.693,60 Kč
Lik celkem	997.500,00 Kč	446.056,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.443.556,20 Kč

08. Královéhradecký kraj						
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet
HK Hradec Králové	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč
JC Jičín	271.250,00 Kč	129.679,40 Kč	0,00 Kč	0,00 Kč		400.929,40 Kč
NA Náchod	210.000,00 Kč	97.369,20 Kč	0,00 Kč	0,00 Kč		307.369,20 Kč
RK Rychnov nad Kněžnou	315.000,00 Kč	147.954,40 Kč	0,00 Kč	0,00 Kč		462.954,40 Kč
TU Trutnov	315.000,00 Kč	163.510,00 Kč	0,00 Kč	0,00 Kč		468.510,00 Kč
Khk celkem	1.111.250,00 Kč	528.513,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.639.763,00 Kč

09. Pardubický kraj							
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet	
CR Chrudim	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč	
PU Pardubice	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
SY Svitavy	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
ÚO Ústí nad Orlicí	393.750,00 Kč	184.796,80 Kč	0,00 Kč			578.546,80 Kč	
Pak celkem	393.750,00 Kč	184.796,80 Kč	0,00 Kč		0,00 Kč	578.546,80 Kč	

10. Vysocína							
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet	
HB Havlíčkův Brod	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
Jl Jihlava	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
PE Pelhřimov	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
TR Třebíč	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
ZR Žďár nad Sázavou	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
Vys celkem	0,00 Kč	0,00 Kč	0,00 Kč		0,00 Kč	0,00 Kč	

11. Jihomoravský kraj							
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet	
BK Blansko	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
BM Brno-město	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč	
BO Brno-venkov	125.000,00 Kč	58.480,00 Kč	0,00 Kč			183.480,00 Kč	
BV Břeclav	323.750,00 Kč	151.024,60 Kč	0,00 Kč			474.774,60 Kč	
HO Hodonín	315.000,00 Kč	146.200,00 Kč	0,00 Kč			461.200,00 Kč	
VY Vyškov	210.000,00 Kč	97.369,20 Kč	0,00 Kč			307.369,20 Kč	
ZN Znojmo	125.000,00 Kč	58.480,00 Kč	0,00 Kč			183.480,00 Kč	
Jmk celkem	1.098.750,00 Kč	511.553,80 Kč	0,00 Kč		0,00 Kč	1.610.303,80 Kč	

12. Olomoucký kraj						
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet
JE Jeseník	227.500,00 Kč	106.264,00 Kč	0,00 Kč			332.764,00 Kč
OL Olomouc	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč
PV Prostějov	37.500,00 Kč	17.544,00 Kč	0,00 Kč			55.044,00 Kč
PR Přerov	271.250,00 Kč	129.240,80 Kč	0,00 Kč			400.490,80 Kč
SU Šumperk	411.250,00 Kč	192.263,00 Kč	0,00 Kč			603.503,00 Kč
Okř celkem	947.500,00 Kč	444.301,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.391.801,80 Kč

13. Moravskoslezský kraj						
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet
BR Bruntál	516.260,00 Kč	242.545,80 Kč	0,00 Kč			758.795,80 Kč
FM Frydek-Místek	323.750,00 Kč	151.024,60 Kč	0,00 Kč			474.774,60 Kč
KI Karvina	113.750,00 Kč	50.731,40 Kč	0,00 Kč			164.481,40 Kč
NJ Nový Jičín	306.250,00 Kč	141.375,40 Kč	0,00 Kč			447.625,40 Kč
OP Opava	358.750,00 Kč	167.252,80 Kč	0,00 Kč			526.002,80 Kč
OS Ostrava-město	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč
Msk celkem	1.618.750,00 Kč	752.930,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	2.371.680,00 Kč

14. Zlínský kraj						
okres	cena za dávku	cena za kladení letecky	cena za kladení ručně	cena za uskladnění	cena za transport	součet
KM Kroměříž	280.000,00 Kč	131.580,00 Kč	0,00 Kč			411.580,00 Kč
UH Uherské Hradiště	271.250,00 Kč	126.755,40 Kč	0,00 Kč			398.005,40 Kč
VS Vsetín	323.750,00 Kč	151.024,60 Kč	0,00 Kč			474.774,60 Kč
ZL Zlín	227.500,00 Kč	107.164,60 Kč	0,00 Kč			334.664,60 Kč
Zlk celkem	1.102.500,00 Kč	516.524,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.619.024,60 Kč

SOUČET

CZE	Ceská republika	7.882.500,00 Kč	3.672.690,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	11.555.190,20 Kč
	hranice SRN	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč
	hranice POL	782.500,00 Kč	365.500,00 Kč	0,00 Kč			1.148.000,00 Kč
	hranice SVK	750.000,00 Kč	350.880,00 Kč	0,00 Kč			1.100.880,00 Kč
	hranice AUT	0,00 Kč	0,00 Kč	0,00 Kč			0,00 Kč
	CELKEM v Kč	9.415.000,00 Kč	4.389.070,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	13.804.070,20 Kč
	CELKEM v EUR	376.600,00 €	175.562,81 €	0,00 €	0,00 €	0,00 €	552.162,81 €

Rabies Oral Vaccination of Foxes

Number of baits distributed by airplane - 25 - 30 baits/km².

Year	2009	Campaign		Spring or Autumn		
		Area in km ²		Number of baits		
district	by airplane	by hands	total	by airplane	to fox's dens	total
AB Praha-město	0	0	0	0	0	0
02. Centralbohemian Region						
district	by airplane	by hands	total	by airplane	to fox's dens	total
BN Benešov	0	0	0	0	0	0
BIE Beroun	0	0	0	0	0	0
KL Kladno	0	0	0	0	0	0
KO Kolín	0	0	0	0	0	0
KH Kutná Hora	0	0	0	0	0	0
ME Mělník	0	0	0	0	0	0
MB Mladá Boleslav	1.058	0	1.058	26.600	0	26.600
NB Nymburk	0	0	0	0	0	0
PY Praha-východ	0	0	0	0	0	0
PZ Praha-západ	0	0	0	0	0	0
PB Příbram	0	0	0	0	0	0
RA Rakovník	0	0	0	0	0	0
Stk total	1.058	0	1.058	26.600	0	26.600
03. Southernbohemian Region						
district	by airplane	by hands	total	by airplane	to fox's dens	total
CB České Budějovice	0	0	0	0	0	0
CK Český Krumlov	0	0	0	0	0	0
JH Jindřichův Hradec	0	0	0	0	0	0
PI Písek	0	0	0	0	0	0
PT Prácheň	0	0	0	0	0	0
ST Strakonice	0	0	0	0	0	0
TA Tábor	0	0	0	0	0	0
Jčk total	0	0	0	0	0	0

Year: 2009

Campaign

Spring or Autumn

04. Region of Pízen		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
DO Domažlice	0	0	0	0	0	0	0
KT Klatovy	0	0	0	0	0	0	0
PJ Píseň-jih	0	0	0	0	0	0	0
PM Píseň-něsto	0	0	0	0	0	0	0
PS Píseň-sever	0	0	0	0	0	0	0
RO Rokycany	0	0	0	0	0	0	0
TC Tachov	0	0	0	0	0	0	0
Pik total	0	0	0	0	0	0	0

05. Region of Karlovy Vary		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
CH Cheb	0	0	0	0	0	0	0
KV Karlovy Vary	0	0	0	0	0	0	0
SO Sokolov	0	0	0	0	0	0	0
Kvk total	0	0	0	0	0	0	0

06. Region of Ústí nad Labem		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
DC Děčín	912	0	912	22.400	0	0	22.400
CV Chomutov	0	0	0	0	0	0	0
LT Litoměřice	0	0	0	0	0	0	0
LN Louny	0	0	0	0	0	0	0
MO Most	0	0	0	0	0	0	0
TP Teplice	0	0	0	0	0	0	0
UL Ústí nad Labem	0	0	0	0	0	0	0
Usk total	912	0	912	22.400	0	0	22.400

Year 2009

Campaign

Spring or Autumn

07. Region of Liberec		Area in km ²		Number of baits		
district	by airplane	by hands	total	by airplane	to fox's dens	total
CL Česká Lipa	1.152	0	1.152	29.400	0	29.400
JN Jablonec nad Nisou	400	0	400	9.100	0	9.100
LB Liberec	800	0	800	20.300	0	20.300
SM Semily	699	0	699	21.000	0	21.000
Lik total	3.051	0	3.051	79.800	0	79.800

08. Region of Hradec Králové		Area in km ²		Number of baits		
district	by airplane	by hands	total	by airplane	to fox's dens	total
HK Hradec Králové	0	0	0	0	0	0
JC Jičín	887	0	887	21.700	0	21.700
NA Náchod	666	0	666	16.800	0	16.800
RK Rychnov nad Kněžnou	1.012	0	1.012	25.200	0	25.200
TU Trutnov	1.050	0	1.050	25.200	0	25.200
Khk total	3.615	0	3.615	88.900	0	88.900

09. Region of Pardubice		Area in km ²		Number of baits		
district	by airplane	by hands	total	by airplane	to fox's dens	total
CR Chrudim	0	0	0	0	0	0
PU Pardubice	0	0	0	0	0	0
SY Svitavy	0	0	0	0	0	0
UD Ústí nad Orlicí	1.264	0	1.264	31.500	0	31.500
Pak total	1.264	0	1.264	31.500	0	31.500

Year 2009

Campaign

Spring or Autumn

10. Region Vysočina		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
HB Havlíčkův Brod	0	0	0	0	0	0	0
Jl Jihlava	0	0	0	0	0	0	0
PE Pelhřimov	0	0	0	0	0	0	0
TR Třebíč	0	0	0	0	0	0	0
ZR Zďar nad Sázavou	0	0	0	0	0	0	0
Vys total	0	0	0	0	0	0	0

11. Southernmoravian Region		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
BK Blansko	0	0	0	0	0	0	0
BM Brno-něsto	0	0	0	0	0	0	0
BO Brno-venkov	400	0	400	10,000	0	0	10,000
BV Břeclav	1,033	0	1,033	25,900	0	0	25,900
HO Hodonín	1,000	0	1,000	25,200	0	0	25,200
VY Vyškov	666	0	666	16,800	0	0	16,800
ZN Znojmo	400	0	400	10,000	0	0	10,000
Jmk total	3,499	0	3,499	87,900	0	0	87,900

12. Region of Olomouc		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
JE Jeseník	720	0	720	18,200	0	0	18,200
OL Olomouc	0	0	0	0	0	0	0
PV Prostějov	120	0	120	3,000	0	0	3,000
PR Přerov	884	0	884	21,700	0	0	21,700
SU Šumperk	1,315	0	1,315	32,900	0	0	32,900
Okř total	3,039	0	3,039	75,800	0	0	75,800

Year 2009

Campaign

Spring or Autumn

13. Moravia-silesian Region		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
BR Bruntál	1.659	0	1.659	41.300	0	0	41.300
FM Frydek-Místek	1.033	0	1.033	25.900	0	0	25.900
KI Karviná	347	0	347	9.100	0	0	9.100
NJ Nový Jičín	967	0	967	24.500	0	0	24.500
OP Opava	1.144	0	1.144	28.700	0	0	28.700
OS Ostrava-město	0	0	0	0	0	0	0
MsK total	5.150	0	5.150	129.500	0	0	129.500

14. Region of Zlín		Area in km ²		Number of baits			
district	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
KM Kroměříž	900	0	900	22.400	0	0	22.400
UH Uherské Hradiště	867	0	867	21.700	0	0	21.700
VS Vsetín	1.033	0	1.033	25.900	0	0	25.900
ZL Zlín	733	0	733	18.200	0	0	18.200
Zlk total	3.533	0	3.533	88.200	0	0	88.200

Total		Area in km ²		Number of baits			
CZE	by airplane	by hands	total	by airplane	by hands	to fox's dens	total
Czech Republic	25.121	0	25.121	630.600	0	0	630.600
border ERD	0	0	0	0	0	0	0
border POL	2.500	0	2.500	62.600	0	0	62.600
border SVK	2.400	0	2.400	60.000	0	0	60.000
border AUT	0	0	0	0	0	0	0
TOTAL	30.021	0	30.021	753.200	0	0	753.200

number of baits per km2 by airplane 25 - 30
 number of baits per km2 by hands 0

Rabies Oral Vaccination of Foxes

Number of baits distributed by airplane - 25 - 30 baits/km², Price per one bait - 12,50 Czk (with 19% VAT),

Price for laying km² by airplane - 146,20 Czk, Prices for laying are with tax (19% VAT), Exchange rate EUR - 25,00 Czk.

Year: 2009

Campaign: Spring or Autumn

01. Capital city Prague

district	price for bait	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
AB Praha-město	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč

02. Centralbohemian Region

district	price for bait	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
BN Benešov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
BE Beroun	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
KL Kladno	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
KO Kolín	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
KH Kutná Hora	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
ME Mělník	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
MB Mladá Boleslav	332.500,00 Kč	154.679,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	487.179,60 Kč
NB Nymburk	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PY Praha-východ	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PZ Praha-západ	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PB Příbram	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
RA Rakovník	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Sík total	332.500,00 Kč	154.679,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	487.179,60 Kč

03. Southern Bohemian Region							
district	price for bails	price for laying by airplane	price for laying by hands	price for storage	price for transport	total	
CB České Budejovice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
CK Český Krumlov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
JH Jindřichův Hradec	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Pl Písek	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PT Prácheň	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
ST Strakonice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
TA Tabor	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Jhk total	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč

04. Region of Pízen							
district	price for bails	price for laying by airplane	price for laying by hands	price for storage	price for transport	total	
DO Domažlice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
KT Klatov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PJ Pízen-jih	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PM Pízen-město	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PS Pízen-sever	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
RO Rokycany	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
TC Tachov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Plk total	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč

05. Region of Karlovy Vary							
district	price for bails	price for laying by airplane	price for laying by hands	price for storage	price for transport	total	
CH Cheb	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
KV Karlovy Vary	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
SO Sokolov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Kvk total	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč

06. Region of Ústí nad Labem

district	price for baits	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
DC Děčín	280.000,00 Kč	133.334,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	413.334,40 Kč
CV Chomutov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
LT Litoměřice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
LN Louny	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
MO Most	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
TP Teplice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
UL Ústí nad Labem	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Usk total	280.000,00 Kč	133.334,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	413.334,40 Kč

07. Region of Liberec

district	price for baits	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
CL Česká Lípa	367.500,00 Kč	168.422,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	535.922,40 Kč
JN Jablonec nad Nisou	113.750,00 Kč	58.480,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	172.230,00 Kč
LB Liberec	253.750,00 Kč	116.960,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	370.710,00 Kč
SM Semily	262.500,00 Kč	102.193,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	364.693,80 Kč
Lik total	997.500,00 Kč	446.056,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.443.556,20 Kč

08. Region of Hradec Králové

district	price for baits	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
HK Hradec Králové	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
JC Jičín	271.250,00 Kč	129.679,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	400.929,40 Kč
NA Náchod	210.000,00 Kč	97.369,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	307.369,20 Kč
RK Rychnov nad Kněžnou	315.000,00 Kč	147.954,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	462.954,40 Kč
TU Trutnov	315.000,00 Kč	153.510,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	468.510,00 Kč
Krk total	1.111.250,00 Kč	528.513,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.639.763,00 Kč

09. Region of Pardubice							
district	price for balis	price for laying by airplane	price for laying by hands	price for storage	price for transport	total	
GR Chrudim	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PU Pardubice	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
SY Svitavy	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
UO Ústí nad Orlicí	393.750,00 Kč	184.796,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	578.546,80 Kč	
Pak total	393.750,00 Kč	184.796,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	578.546,80 Kč	

10. Region Vysočina							
district	price for balis	price for laying by airplane	price for laying by hands	price for storage	price for transport	total	
HB Havlíčkův Brod	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Jl Jihlava	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PE Pelhřimov	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
TR Třebíč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
ZR Žďár nad Sázavou	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Vys total	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	

11. Southernmoravian Region							
district	price for balis	price for laying by airplane	price for laying by hands	price for storage	price for transport	total	
BK Blansko	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
BM Brno-město	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
BO Brno-venkov	125.000,00 Kč	58.480,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	183.480,00 Kč	
BV Břeclav	323.750,00 Kč	151.024,50 Kč	0,00 Kč	0,00 Kč	0,00 Kč	474.774,50 Kč	
HO Hodonín	315.000,00 Kč	146.200,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	461.200,00 Kč	
VY Vyškov	210.000,00 Kč	97.369,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	307.369,20 Kč	
ZN Znojmo	125.000,00 Kč	58.480,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	183.480,00 Kč	
Jmk total	1.098.750,00 Kč	511.553,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.610.303,80 Kč	

12. Region of Olomouc

district	price for baits	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
JE Jeseník	227.500,00 Kč	105.264,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	332.764,00 Kč
OL Olomouc	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
PV Prostějov	37.500,00 Kč	17.544,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	55.044,00 Kč
PR Přerov	271.250,00 Kč	129.240,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	400.490,80 Kč
SU Šumperk	411.250,00 Kč	192.253,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	603.503,00 Kč
Okř total	947.500,00 Kč	444.301,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.391.801,80 Kč

13. Moravia-silesian Region

district	price for baits	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
BR Bruntál	516.250,00 Kč	242.545,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	758.795,80 Kč
FM Frydek-Místek	323.750,00 Kč	151.024,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	474.774,60 Kč
KI Karviná	113.750,00 Kč	50.731,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	164.481,40 Kč
NJ Nový Jičín	306.250,00 Kč	141.375,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	447.625,40 Kč
OP Opava	358.750,00 Kč	167.252,80 Kč	0,00 Kč	0,00 Kč	0,00 Kč	526.002,80 Kč
OS Ostrava-město	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč
Misk total	1.618.750,00 Kč	752.930,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	2.371.680,00 Kč

14. Region of Zlín

district	price for baits	price for laying by airplane	price for laying by hands	price for storage	price for transport	total
KM Kroměříž	280.000,00 Kč	131.580,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	411.580,00 Kč
UH Uherské Hradiště	271.250,00 Kč	126.755,40 Kč	0,00 Kč	0,00 Kč	0,00 Kč	398.005,40 Kč
VS Vsetín	323.750,00 Kč	151.024,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	474.774,60 Kč
ZL Zlín	227.500,00 Kč	107.164,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	334.664,60 Kč
Zlk total	1.102.500,00 Kč	516.524,60 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.619.024,60 Kč

Total									
CZE	Czech Republic	7.882.500,00 Kč	3.672.690,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	11.555.190,20 Kč	
	border BRD	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	
	border POL	782.500,00 Kč	365.500,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.148.000,00 Kč	
	border SVK	750.000,00 Kč	350.880,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	1.100.880,00 Kč	
	border AUT	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	
	TOTAL IN Kč	9.415.000,00 Kč	4.389.070,20 Kč	0,00 Kč	0,00 Kč	0,00 Kč	0,00 Kč	13.804.070,20 Kč	
	TOTAL IN EUR	376.600,00 €	175.562,81 €	0,00 €	0,00 €	0,00 €	0,00 €	552.162,81 €	

PACKAGE INSERT

LYSVULPEN por. ad us. vet.

Vaccine against rabies. Intended for oral immunization.

Qualitative and quantitative composition

Composition - 1 dose = 1.8 ml:

-Virus rabiei attenuatum SAD Berne min. 1.8×10^7 TCID₅₀ max. 1.8×10^8 TCID₅₀

- MEM culture medium, stabilizing medium, bait material with tetracycline

Pharmaceutical form

The vaccine is intended for oral application and is contained in an aluminium-plastic blister, placed in the bait consisting of a special feeding mixture.

Immunobiological characteristics

Pharmacotherapeutical group:

97 Veterinaria immunopreparata

ATC classification:

Q15AA Veterinary vaccines

The principle of the immunization effect of the vaccine is that, upon chewing the capsule containing the vaccination virus inside the bait, the vaccination virus escapes from the perforated capsule to the surface of the mucosae and tonsils in the oral cavity. In a vaccinated individual, the virus is recognized to be extraneous and activation of the immunity system starts and protective virus-neutralizing antibodies start creating. In this way, the immunized foxes and other species of target animals are protected against infection with the virulent field rabies virus and are unable to transmit rabies further. Immunity in the vaccinated animals lasts for at least one year.

Protective effect against rabies may be accomplished only in uninfected foxes and raccoon dogs. The presence of colostral antibodies against rabies has a negative impact on the creation and protective immunity in fox cubs and raccoon dogs as well. The ingurgitation of more bait is harmless to the target species. The harmlessness of the vaccine has also been demonstrated in domestic animals (dogs, cats).

The vaccination rabies virus may be distinguished from the field rabies virus by means of monoclonal antibodies.

Immunization in foxes and other species of target animals occurs after the ingurgitation of laid-out immunization baits containing the vaccination virus. Immunity in the immunized foxes and other target species forms after 21 days following ingurgitation of the bait containing the vaccination virus.

Business denomination and registered office of the holder of the resolution on registration

Bioveta, a. s., Komenského 212

683 23 Ivanovice na Hané

Česká republika

Target species: Red fox (*Vulpes vulpes*), raccoon dogs (*Nyctereutes procyonoides*).

Withdrawal periods: Not intended for food-producing animals.

Indication: To be used for the prophylactic vaccination of feral foxes and raccoon dogs against rabies.

Contraindication: The vaccine is not to be used for the immunization of domestic animals.

Special advice concerning safe use of the preparation

Until laid out, either manually or by aircraft, the vaccine must not be exposed to temperatures exceeding 15 °C (it is to be distributed in thermo-cases or packed in heat-insulating material so that the vaccine is sufficiently protected against the effect of excessive external temperatures). If laid out manually in a field, the bait is to be tipped out of the cardboard box carefully. The bait is to be laid in spots that are protected from direct sunlight. After being laid out, the bait shall be covered with natural material (leaves, grass, soil etc.) to be protected from the sun.

To prevent the hands from coming into direct contact with the bait, it is necessary to use protective gloves when laying out the bait in order to avoid the effects of human scent on the bait. The gloves are disposable (intended for the unloading of 1 carton = 20 bait items).

During the winter, at temperatures below 0 °C, the bait is not to be laid open in a field. After perforating the blister, the deep-frozen vaccine contained inside the bait may not come out, reach the mucosae of the oral cavity and thus immunize the animal. Two weeks after laying the bait, the free movement of dogs and cats should be avoided within the vaccination zone as these animals represent competitors for the bait. The areas in which vaccination is performed are to be duly marked and the respective inhabitants must be informed in an adequate manner.

The vaccine contains attenuated vaccination rabies virus. If the vaccine (the content of the aluminium-plastic blister deposited in the bait) comes into contact with human eyes, mouth, nose or broken skin, contact a physician immediately. In this case, medical procedures are conducted pursuant to the guidelines in force, dealing with exposure to the rabies virus. If the hands or other uncovered body parts become stained with the vaccine, the affected spot is to be duly washed with soap and water. The bait containing the vaccine must be stored out of the reach of unauthorized persons, especially children!

Interaction with other veterinary preparations and other forms of interaction

Unknown so far.

Dosage and method of administration

The immunization of the target species forms after the ingurgitation of the laid-out bait containing the vaccination virus. The vaccine is laid twice a year, namely in April or May and September or October. Usually, 15 to 20 baits or more are laid out for each square meter, depending on the epizootologic situation and population density, especially the fox population density.

The baits with the vaccine have to be laid out throughout the entire area of the given territory. If an airplane or a helicopter is used, the flight lines must be adjusted to reach equal dispersion. For example, the baits are dropped every 250 meters, so the individual lines must also be at a distance of 250 meters from each other.

In the event of necessity provoked by a contagious situation in the given area, spring or autumn revaccination is recommended. It is also recommended to lay bait in a limited area in the summer or to lay the bait close to occupied fox dens in an amount of 10 baits per den.

An aerial form of bait distribution is recommended in free areas with a low population density. In areas which are densely populated, it is preferable to distribute the bait manually. Vaccination of the respective territory is to be performed for two consecutive years, but at least for three years after the last occurrence of rabies in the respective territory. The vaccine may also be used for a rabies-free territory in order to form a protective zone. The width of such a zone entrenching on territory with rabies occurrence should not be smaller than 50 kilometers.

Airplane distribution of bait

The bait is laid out in conformity with the previously prepared flight maps along the previously determined flight lines. The Satellite Navigation System (GPS) may be applied for orientation and correct distribution.

Undesirable effects: Unknown

Type of wrapping and size of package**a) Manual distribution**

The vaccine (aluminium-plastic blister containing the vaccination virus inside a feeding mixture bait) is packaged in a cardboard box with a fixative grid per 20 baits.

The collated package in a carton contains 30 x 20 doses (i.e. 600 doses).

b) Airplane distribution

The vaccine (aluminium-plastic blister containing the vaccination virus inside a feeding mixture bait) is packaged:

- per 40 doses that are freely deposited in layers spaced with tapaten in a heat-insulated carton.

The collated package in a carton contains 10 x 40 doses.

- freely in polyethylene bags per 350 doses in a heat-insulated carton. The collated package in a carton contains 2 x 350 doses.

A package insert is attached with each package.

Method of storage and reference to the indication on termination of applicability, stated on the package, advise of the prohibition to use the preparation after the lapse of the applicability period

Store at a temperature of -20 and bellow.

The preparation must not be used after the lapse of the applicability period, indicated on the package.

Special measures concerning disposal of the unused veterinary preparation or of the waste originating from this preparation

The packages and any remainders of the preparation are to be disposed of pursuant to the regulations in force.

Date of the last revision of the text

24. 3. 2003

