



CSFE N037

*Italy*

**Ministry of Health**  
**Department for food, nutrition and veterinary public health**

**Outbreaks CSF in Italy**  
**1999**

**REPORT CVP 13 APRIL 1999**

## OUTBREAKS CSF 1999

### *INTRODUCTION*

LAST MARCH 27<sup>th</sup> 1999 ONE CSF PRIMARY OUTBREAK WAS CHECKED IN FORMIGLIANA MUNICIPALITY , VERCELLI PROVINCE, PIEMONTE REGION IN A BREEDING AND FATTENING HERD. FROM EPIDEMIOLOGICAL INVESTIGATION FOLLOWED THAT THE HERD SOLD ANIMALS TO TWO HERDS SITUATED THE FORMER IN SORAGNA MUNICIPALITY, PARMA PROVINCE, EMILIA ROMAGNA REGION AND THE LATTER IN BURONZO MUNICIPALITY , VERCELLI PROVINCE, PIEMONTE REGION, BOTH SECONDARY OUTBREAKS.

ITALIA

ITALY



REPUBBLICA ITALIANA  
MINISTERO DELLA SANITA'  
DIPARTIMENTO DEGLI ALIMENTI E  
NUTRIZIONE E DELLA SANITA'  
PUBBLICA VETERINARIA

- UFFICIO VI° -

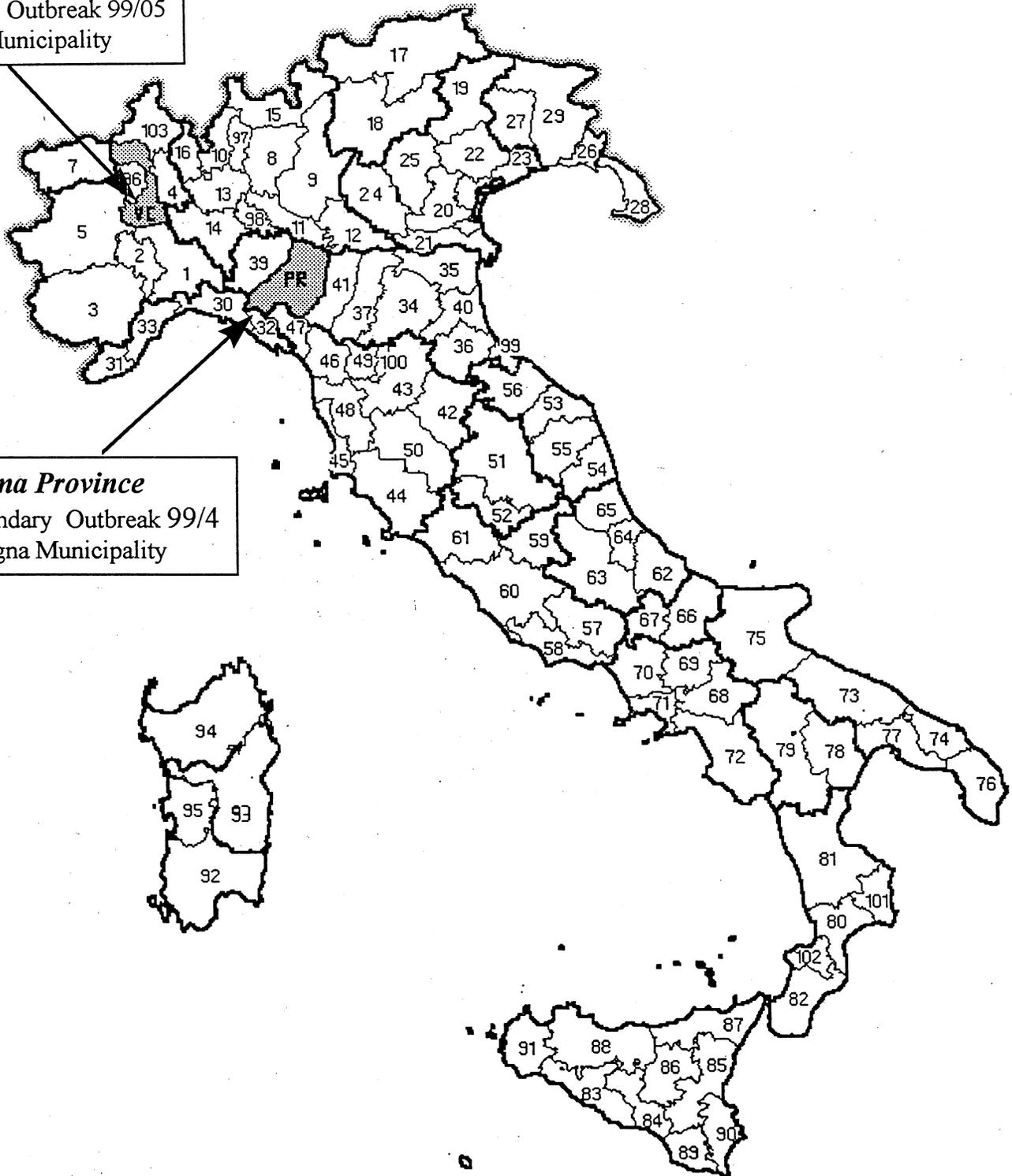
OUTBREAKS CSF ITALY

***Vercelli Province***

Primary Outbreak 99/03  
Farmigliana Municipality  
Secondary Outbreak 99/05  
Buronzo Municipality

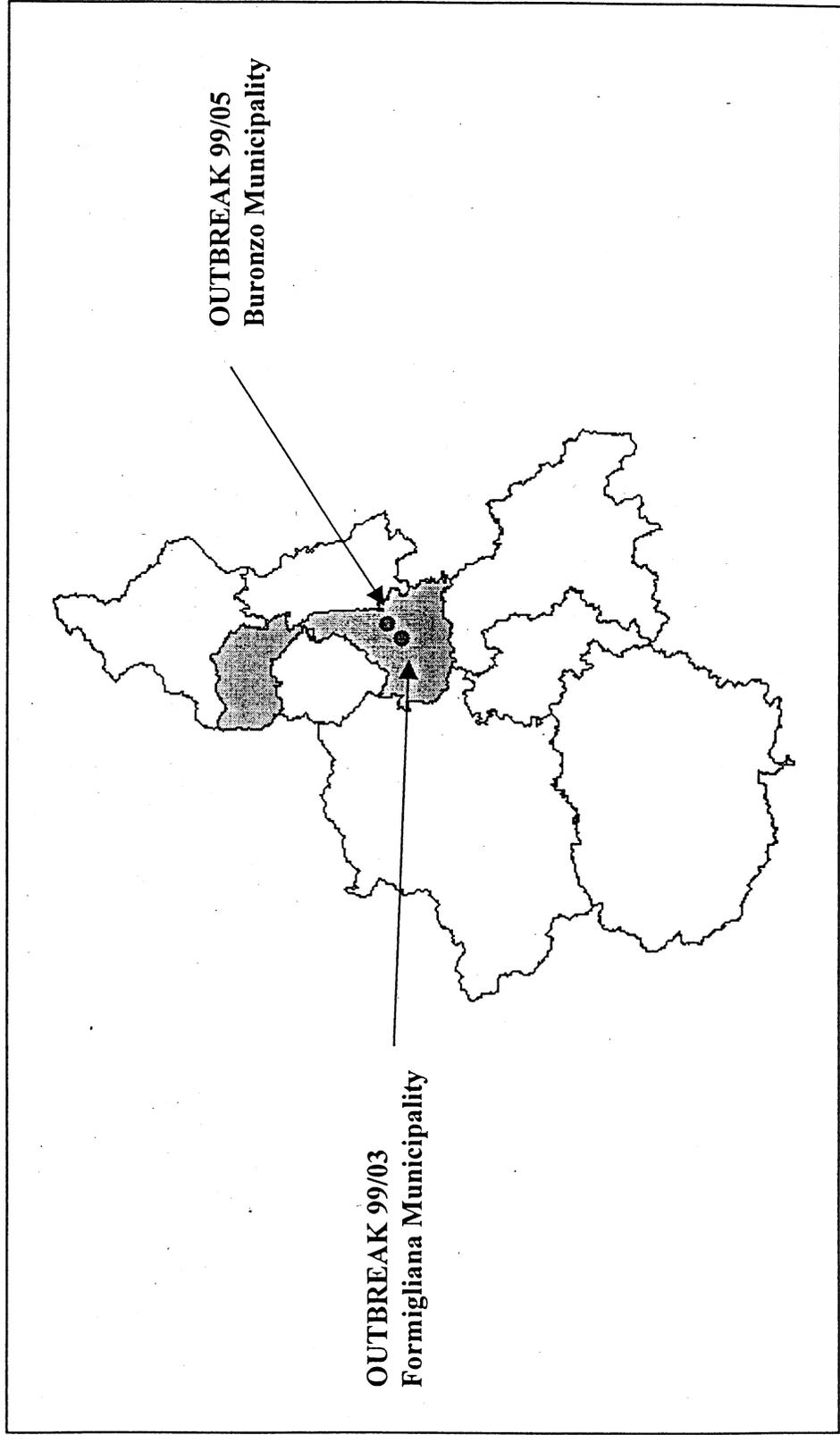
***Parma Province***

Secondary Outbreak 99/4  
Soragna Municipality



**PIEMONTE REGION**

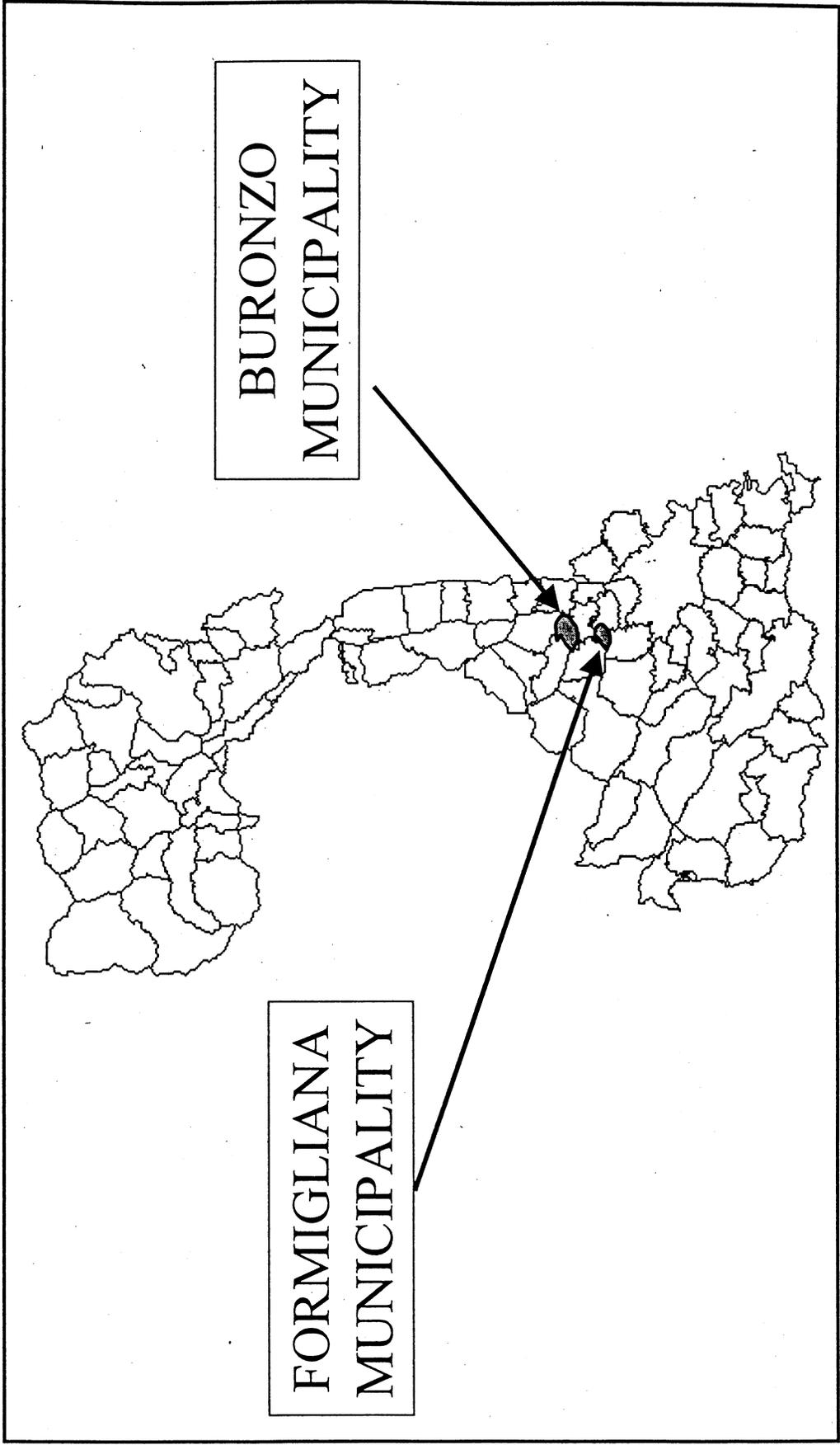
**OUTBREAKS CSF VERCELLI PROVINCE**



**VERCELLI PROVINCE**

PRIMARY OUTBREAK CSF 99/03 *FORMIGLIANA* MUNICIPALITY

SECONDARY OUTBREAK CSF 99/05 *BURONZO* MUNICIPALITY



DIPARTIMENTO ALIMENTI NUTRIZIONE E SANITA' PUBBLICA VETERINARIA  
UFFICIO VI

ITALY  
REPORT ON CLASSICAL SWINE FEVER  
OUTBREAK N. 03/99  
MUNICIPALITY OF FORMIGLIANA-VERCELLI PROVINCE-PIEMONTE REGION

LOCATION

|                       |             |
|-----------------------|-------------|
| REGION                | PIEMONTE    |
| PROVINCE              | VERCELLI    |
| MUNICIPALITY          | FARMIGLIANA |
| LOCAL VETERINARY UNIT | ASL N° 11   |

TYPE OF HOLDING

|                     |                             |
|---------------------|-----------------------------|
| CATEGORY OF HOLDING | BREEDING AND FATTENING HERD |
| N. OF PIGS          | 7307                        |

1200 20 WS  
3000 piglets  
1400 for Herding

SUSPICION

|   |                  |
|---|------------------|
| DATE OF FIRST SYMPTOMS                    | 20/03/99         |
| CATEGORY CONCERNED                        | SOWS             |
| TYPE OF SAMPLES COLLECTED                 | ORGANS AND BLOOD |
| DATE OF 1ST COLLECTION (blood)            | 25/03/99         |
| DATE OF 2ND COLLECTION (ORGANS AND BLOOD) | 26/03/99         |

Official suspicion

CONFIRMATION

METHOD OF DIAGNOSIS

DATE OF RESPONSE 27/03/99 IFD RESULT POSITIVE

NAT. REF. LAB.

blood samples taken in the farm?

CLINICAL SYMPTOMS

**N. OF DEADS ANIMAL**

FROM THE 20/3/99 TO 27/3/99

31

**DATE AND TYPE OF SANITARY MEASURES ESTABLISHED ACCORDING TO DIRECTIVE 80/217**

|                                   | DATE     | N. OF ANIMALS |
|-----------------------------------|----------|---------------|
| SLAUGHTER OF ALL ANIMALS          | 29/03/99 |               |
|                                   |          | 7307          |
| DESTRUCTION IN RENDERING PLANT    | 29/03/99 |               |
| PROTECTION AND SURVEILLANCE ZONES | 29/03/99 |               |

**DATA CONCERNING THE PROTECTION AND SURVEILLANCE ZONES**

**PROTECTION ZONE**

| N. OF HERDS | TYPE OF HERD | N. OF ANIMALS |
|-------------|--------------|---------------|
| 1           | FATTENING    | 160           |

*No clinical signs in this farm*

**SURVEILLANCE ZONE**

| N OF HERDS | TYPE OF HERD | N. OF ANIMALS |
|------------|--------------|---------------|
| 7          | FATTENING    | 11650         |

*No clinical signs in these farms*

*slaughter March 10 1999*

**EPIDEMIOLOGY INVESTIGATION**

**TRACING BACK**

THREE BOARS PURCHASED THE 08/01/99. TWO BOARS FROM A FARM OF REGGIO EMILIA PROVINCE RESULTS NEGATIVE TO CONTROL. ONE BOAR IMPORTED FROM A FARMS ENGLAND

**TRACING ON**

THE FARM HAS SENT ~~GROWERS~~ TO THE TWO HERDS OF DESTINATION THE 19/03/99 BOTH OF THESE HERDS HAVE BEEN TESTED FOR CSF WITH POSITIVE (SECONDARY OUTBREAKS 99/4 AND 99/5).

**TYPE OF VIRUS**

RESPONSE BY NATIONAL REFERENCE LABORATORY - PERUGIA - ITALY

THE GENOMA OF THE VIRUS ISOLATED FROM THE OUTBREAK IS CLASSIFIED WITHIN THE SUBGROUP 2.2 AND IS VERY SIMILAR TO THOSE ISOLATED IN 1997 IN THE VARESE PROVINCE WHERE CSF IS WIDESPREAD AMONG WILD BOARS  
RESPONSE FROM COMMUNITY REFERENCE LABORATORY OF HANNOVER IS BEING WAITED

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FROM THE 20/3/99 TO 27/3/99

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|                                   | DATE     | N. OF ANIMALS |
|-----------------------------------|----------|---------------|
| SLAUGHTER OF ALL ANIMALS          | 29/03/99 |               |
| DESTRUCTION IN RENDERING PLANT    | 29/03/99 | 7307          |
| PROTECTION AND SURVEILLANCE ZONES | 29/03/99 |               |

**DATA CONCERNING THE PROTECTION AND SURVEILLANCE ZONES**

**PROTECTION ZONE**

| N. OF HERDS | TYPE OF HERD | N. OF ANIMALS |
|-------------|--------------|---------------|
| 1           | FATTENING    | 160           |

**SURVEILLANCE ZONE**

| N OF HERDS | TYPE OF HERD | N. OF ANIMALS |
|------------|--------------|---------------|
| 7          | FATTENING    | 11650         |

*Slagger Khay 10 Kus*

**EPIDEMIOLOGY INVESTIGATION**

**TRACING BACK**

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ONE BOAR IMPORTED FROM A FARMS ENGLAND

**TRACING ON**

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BOTH OF THESE HERDS HAVE BEEN TESTED FOR CSF WITH POSITIVE  
(SECONDARY OUTBREAKS 99/4 AND 99/5).

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RESPONSE FROM COMUNITY REFERENCE LABORATORY OF HANNOVER IS BEING WAITED

DIPARTIMENTO ALIMENTI NUTRIZIONE E SANITA' PUBBLICA VETERINARIA  
UFFICIO VI

|  |
|--|
| ITALY<br>REPORT ON CLASSICAL SWINE FEVER<br>OUTBREAK N. 05/99<br>MUNICIPALITY OF BURONZO-VERCELLI PROVINCE-PIEMONTE REGION |
|--|

**LOCATION**

|                       |             |
|-----------------------|-------------|
| REGION                | PIEMONTE    |
| PROVINCE              | VERCELLI    |
| MUNICIPALITY          | FARMIGLIANA |
| LOCAL VETERINARY UNIT | ASL N° 11   |

**TYPE OF HOLDING**

|                     |                             |
|---------------------|-----------------------------|
| CATEGORY OF HOLDING | BREEDING AND FATTENING HERD |
| N. OF PIGS          | 1476                        |

**SUSPICION**

|   |                  |
|---|------------------|
| DATE OF FIRST SYMPTOMS                    | 20/03/99         |
| CATEGORY CONCERNED                        | SOWS             |
| TYPE OF SAMPLES COLLECTED                 | ORGANS AND BLOOD |
| DATE OF 2ND COLLECTION (ORGANS AND BLOOD) | 29/03/99         |

**CONFIRMATION**

METHOD OF DIAGNOSIS

DATE OF RESPONSE 30/03/99 IFD RESULT POSITIVE

NAT. REF. LAB.

**CLINICAL SYMPTOMS**

RESPIRATORY SYMPTOMS, FEVER (41C°)

**N. OF DEADS ANIMAL**

FROM THE 20/3/99 TO 29/3/99 1

**DATE AND TYPE OF SANITARY MEASURES ESTABLISHED ACCORDING TO DIRECTIVE 80/217**

|                                | DATE     | N. OF ANIMALS |
|--------------------------------|----------|---------------|
| SLAUGHTER OF ALL ANIMALS       | 30/03/99 | 1476          |
| DESTRUCTION IN RENDERING PLANT | 30/03/99 |               |

**EPIDEMIOLOGY INVESTIGATION**

**TRACING BACK**

*Piglets*

~~BOARS~~ PURCHASED THE 19/03/99 FROM FARM OUTBREAK 99/03

**TRACING ON**

NO ANIMALS MOVED

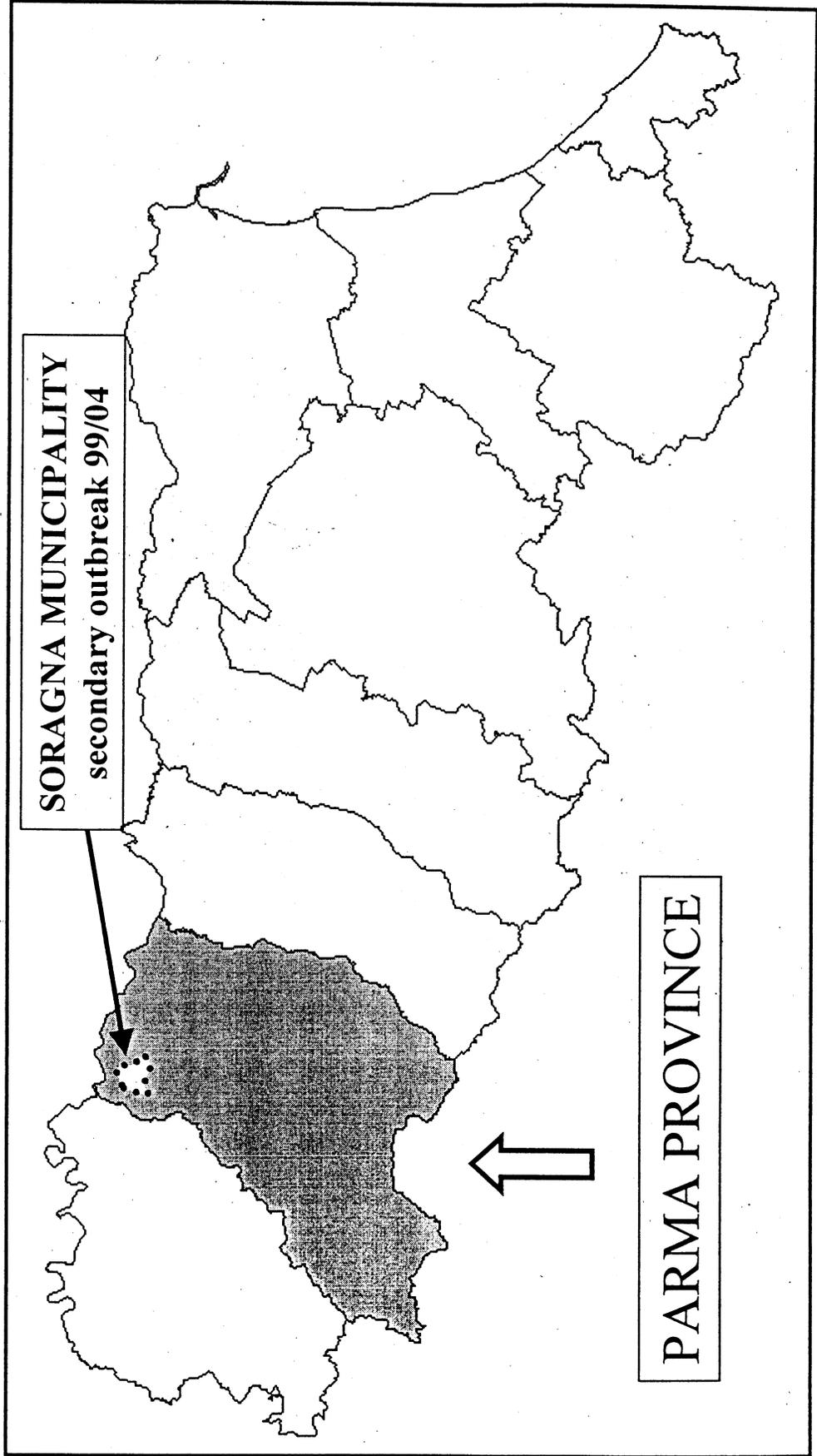
**TYPE OF VIRUS**

RESPONSE BY NATIONAL REFERENCE LABORATORY - PERUGIA - ITALY

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RESPONSE FROM COMMUNITY REFERENCE LABORATORY OF HANNOVER IS BEING WAITED

**SECONDARY OUTBREAK CSF 99/04 SORAGNA MUNICIPALITY  
PARMA PROVINCE EMILIA ROMAGNA REGION**



DIPARTIMENTO ALIMENTI NUTRIZIONE E SANITA' PUBBLICA VETERINARIA  
UFFICIO VI

ITALY  
REPORT ON CLASSICAL SWINE FEVER  
OUTBREAK N. 04/99  
MUNICIPALITY OF SORAGNA-PARMA PROVINCE-EMILIA ROMAGNA REGION

LOCATION

|                       |                |
|-----------------------|----------------|
| REGION                | EMILIA ROMAGNA |
| PROVINCE              | PARMA          |
| MUNICIPALITY          | SORAGNA        |
| LOCAL VETERINARY UNIT | ASL PROV.PARMA |

TYPE OF HOLDING

|                     |                |
|---------------------|----------------|
| CATEGORY OF HOLDING | FATTENING HERD |
| N. OF PIGS          | 672            |

SUSPICION

|                                       |                  |
|---------------------------------------|------------------|
| DATE OF FIRST SYMPTOMS                | 20/03/99         |
| CATEGORY CONCERNED                    | SOWS             |
| TYPE OF SAMPLES COLLECTED             | ORGANS AND BLOOD |
| DATE OF COLLECTION (ORGANS AND BLOOD) | 29/03/99         |

CONFIRMATION

METHOD OF DIAGNOSIS  
DATE OF RESPONSE 30/03/99 IFD RESULT POSITIVE  
NAT.REF.LAB.