



Glanders

Büyükada Island

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Information



Glanders,
Turkey

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Information received on 12/12/2017 from Dr Nihat Pakdil, Deputy Undersecretary of Ministry, Veterinary Services, Ministry of Food, Agriculture and Livestock, ANKARA, Turkey

Summary

| | |
|-----------------------------------|---------------------------------------|
| Report type | Immediate notification (Final report) |
| Date of start of the event | 13/10/2017 |
| Date of confirmation of the event | 13/10/2017 |
| Report date | 12/12/2017 |
| Date submitted to OIE | 12/12/2017 |
| Date event resolved | 08/11/2017 |
| Reason for notification | Recurrence of a listed disease |
| Date of previous occurrence | 09/2001 |
| Manifestation of disease | Sub-clinical infection |
| Causal agent | Burkholderia mallei |
| Nature of diagnosis | Laboratory (basic) |
| This event pertains to | a defined zone within the country |

Post-outbreak Sero-Surveillance in TR-1

Test results by the way of Complement Fixation (CFT) test applied by Etlik Veterinary Control Central Research Institute Directorate over blood serums sampled within the scope of the "Glanders Surveillance Program" applied to equidae animals in Ankara, İstanbul, İzmir, Edirne, Tekirdağ and Kırklareli provinces (TR-1):

| Item No | CITY | Number of Samples | HORSE CFT RESULT | | | MULE CFT RESULT | | | DONKEY CFT RESULT | | |
|--------------|------------|-------------------|------------------|----------|------------|-----------------|----------|-----------|-------------------|----------|------------|
| | | | Positive | Doubtful | Negative | Positive | Doubtful | Negative | Positive | Doubtful | Negative |
| 1 | Ankara | 515 | - | - | 234 | - | - | 8 | - | - | 273 |
| 2 | Edirne | 222 | - | - | 95 | - | - | - | - | - | 127 |
| 3 | Izmir | 517 | - | - | 383 | - | - | 8 | - | - | 126 |
| 4 | İstanbul | 90 | - | - | 90 | - | - | - | - | - | - |
| 5 | Kırklareli | 169 | - | - | 54 | - | - | 3 | - | - | 112 |
| 6 | Tekirdağ | 192 | - | - | 105 | - | - | 1 | - | - | 86 |
| TOTAL | | 1.705 | | | 961 | | | 20 | | | 724 |

Post-outbreak Mallein-Surveillance

Results of Mallein test results within the scope of the "Glanders Surveillance Program" applied to equidae animals in Ankara, İstanbul, İzmir, Edirne, Tekirdağ and Kırklareli (TR-1).

| Item No | CITY | Equidae Mallein Test Results | | |
|--------------|------------|------------------------------|----------|--------------|
| | | Positive | Doubtful | Negative |
| 1 | Ankara | - | - | 510 |
| 2 | Edirne | - | - | 223 |
| 3 | Izmir | - | - | 505 |
| 4 | İstanbul | - | - | 90 |
| 5 | Kırklareli | - | - | 166 |
| 6 | Tekirdağ | - | - | 170 |
| TOTAL | | | | 1.664 |

1001 horses tested on the Büyükada Islands

Glanders testing Turkey 2016-2018

NUMBER OF HORSES TESTED IN TERMS OF GLANDERS IN TURKEY

| All provinces (81 provinces) | YEARS | | | | | |
|---|---|--|---|--|---|--|
| | 2016 | | 2017 | | 15 February 2018 | |
| | The number of horse on which Mallein test was applied | The number of horse from which blood serum (CFT) was taken | The number of horse on which Mallein test was applied | The number of horse from which blood serum (CFT) was taken | The number of horse on which Mallein test was applied | The number of horse from which blood serum (CFT) was taken |
| Total | 6.827 | 7.912 | 6.121 | 8.420 | 425 | 4.698 |
| Total horse number controlled for allergy and serologically GENERAL TOTAL | 14.739 | | 14.541 | | 5.123 | |

Movement to Büyükada Island

- *The equidae transfers from all provinces to the Islands is subjected to the permission by the General Directorate*
- *Permission is given after animals tested negative for glanders and after those equidae are recorded*
- *a veterinary health report will be issued and the tested animals will be allowed to be transferred*
- *On the island, the equidae are microchipped , recorded and repeat glanders tested*

Glanders Eradication Programme

- *New regulations were introduced by the General Directorate as of 26 March 2018 for the equidae transfers to be made to the provinces Ankara, Istanbul, Izmir, Tekirdağ, Kirklareli and Edirne (TR-1 provinces)*
- *necessary instruction was given to TR-1 provinces via official letter of 26.03.2018*

Equidae movement into TR-1 provinces Ankara, Izmir, Istanbul, Tekirdag, Kirklareli and Edirne

- Pre-movement quarantine for 30 days prior to transfers in holding which has no restriction due to glanders
- During the quarantine, blood sample are taken and if negative, a mallein test is applied
- Negative equidae - "Equidae Identity Card" will be issued
- Veterinary health report for inter-province movements

Equidae movement between the TR-1 provinces Ankara, Izmir, Istanbul, Tekirdağ, Kirklareli and Edirne

- **equidae without passport, pedigree or identity card**
 - CFT, and if negative, mallein test will be applied
 - negative equidae - "Equidae Identity Card" will be issued
 - after the "Equidae Identity Card" is controlled, a veterinary health report will be issued for inter-province movements
- **equidae with passport/pedigree or "Equidae Identity Card"**
 - ID-document is controlled
 - clinical pre-movement examination
 - veterinary health report will be issued for inter-province movements

Regulation on Identification and Monitoring of Equidae

- *was published by Ministry in the Official Gazette dated 20 February 2018*
- *until a central database and infrastructure procedures are completed by Ministry, in the provinces Ankara, Izmir, Istanbul, Tekirdag, Kirklareli and Edirne,*
 - **equidae are recorded in excel file**
 - **Registered horses are tested for glanders**
 - **Other equidae - the rules described above apply**

Monitoring and Control

- during survey - movement controls of equidae
- movement restrictions on equidae not identified and not tested for glanders
- 6 month monitoring for glanders in TR-1
- Movement of equidae into and out of TR-1 is monitored and recorded
- coordination between Provincial Directorates
- **Notification of equine diseases to EU and OIE**