

Nach aktuellen Wetterprognosen wird es wieder erhöhte Temperaturen geben. Ich wollte Sie schon im Vorfeld über unsere Maßnahmen informieren. Sollten Sie noch Ergänzungen oder Änderungen wünschen, freue ich mich über eine Kontaktaufnahme.

- Wir werden, je nachdem wie sich das Wetter entwickelt, unsere Zeiteinteilung so verändern, dass möglichst in den Mittagsstunden keine Prüfungen stattfinden. Dazu hat uns die Landeskommision die Genehmigung erteilt, bereits um 6.00 Uhr mit den Prüfungen zu beginnen.
- Das Abreiten wird in der Halle stattfinden. Um die Halle ausreichen zu belüften, werden wir 3 Hochleistungsventilatoren aufstellen.
- Wir stellen ausreichend Abspritzplätze und Tränkeplätze zur Verfügung.
- Wir werden eine „Coolingzone“ errichten. Diese Zone wird in einem überdachten Areal sein und mit Sprühnebel versprühen. Wenn die Pferdebesitzer das Bedürfnis für Ihre Pferde haben.
- Die Auwaldklinik, Dr. Max Stichele, wird unsere Veranstaltung in Präsenz die ganzen Tage begleiten. Hier werden wir sehr sensibel mit den aktuellen Wetterverhältnissen umgehen.
- Ich habe ein WBGT Testgerät gekauft, welches hoffentlich noch nächste Woche geliefert wird. Wir werden in regelmäßigen Abständen die WBGT Werte aufzeichnen und uns an die Guidelines der FEI halten. Die Guidelines wären wie folgt:
- Monitoring the Climatic Conditions – WBGT Index:** In order to monitor the environmental conditions during the preparations for Cross Country Test in Eventing, Driving and Endurance Competitions, the FEI recommends the use of the Wet Bulb Globe Temperature (WBGT) index. The WBGT index was introduced prior to the Atlanta Olympic Games and has the advantage that it combines the effects of air temperature, humidity, and wind and sun radiation into one number. The WBGT Index is calculated by measuring the Wet Bulb temperature in the shade, usually inside a white, ventilated wooden screen at a height of 1.5 metres from the ground. The Globe temperature is measured as the temperature inside a 15 cm matt black copper globe. The Globe is heated by the sun or radiation from the ground and cooled by the wind. Therefore the Globe temperature gives a balance between solar radiation and wind. The WBGT Index is calculated as follows:  $WBGT\ Index = 0.7 \times \text{Wet Bulb Temperature (}^{\circ}\text{C, shade)} \div 0.3 \times \text{Black Globe temperature (}^{\circ}\text{C, unshaded)}$ . Although the units for the temperature are both in degrees centigrade ( $^{\circ}\text{C}$ ), the WBGT Index does not have units, (i.e. it is just a number and not a temperature). Some recommendations for the use of the WBGT Index during the Cross Country day of an Eventing Competition are shown in Table 1. These recommendations may need to be modified for different levels of Competition and also for different disciplines (i.e. Marathon in Driving, Endurance rides).

#### Annex V – Guidelines of Measures to Be Taken in Adverse Climatic Conditions of Heat and Humidity

| Wet Bulb Globe Temperature (WBGT) from Temperature and Relative Humidity |                                                                                                 |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Relative Humidity (%)                                                    | Temperature ( $^{\circ}\text{C}$ )                                                              |
|                                                                          | 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50    |
| 0                                                                        | 15 16 16 17 18 18 19 19 20 20 21 22 22 23 23 24 24 25 25 26 27 27 28 28 29 29 30 31 31 32 32    |
| 5                                                                        | 16 16 17 18 18 19 19 20 21 21 22 22 23 23 24 24 25 25 26 27 27 28 28 29 29 30 31 31 32 33 34 35 |
| 10                                                                       | 16 17 17 18 19 19 20 21 21 22 23 23 24 24 25 25 26 27 27 28 29 30 30 31 32 32 33 34 35 36 36 37 |
| 15                                                                       | 17 17 18 19 19 20 21 21 22 23 23 24 24 25 26 26 27 28 29 29 30 31 32 32 33 34 35 36 37 38 39    |
| 20                                                                       | 17 18 18 19 20 21 21 22 23 24 24 25 26 27 27 28 29 30 31 32 32 33 34 35 36 37 38 39             |
| 25                                                                       | 18 18 19 20 20 21 22 23 24 24 25 26 27 28 28 29 30 31 32 33 34 35 36 37 38 39                   |
| 30                                                                       | 18 19 20 20 21 22 23 23 24 25 26 27 28 29 29 30 31 32 33 34 35 36 37 38 39                      |
| 35                                                                       | 18 19 20 21 22 23 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39                            |
| 40                                                                       | 19 20 21 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39                               |
| 45                                                                       | 19 20 21 22 23 24 25 26 27 27 28 29 30 32 33 34 35 36 37 38                                     |
| 50                                                                       | 20 21 22 23 23 24 25 26 27 28 29 30 31 33 34 35 36 37 39                                        |
| 55                                                                       | 20 21 22 23 24 25 26 27 28 29 30 31 32 34 35 36 37 38                                           |
| 60                                                                       | 21 22 23 24 25 26 27 28 29 30 31 32 33 35 36 37 38                                              |
| 65                                                                       | 21 22 23 24 25 26 27 28 29 31 32 33 34 36 37 38                                                 |
| 70                                                                       | 22 23 24 25 26 27 28 29 30 31 33 34 35 36 38 39                                                 |
| 75                                                                       | 22 23 24 25 26 27 29 30 31 32 33 35 36 37 39                                                    |
| 80                                                                       | 23 24 25 26 27 28 29 30 32 33 34 36 37 38                                                       |
| 85                                                                       | 23 24 25 26 28 29 30 31 32 34 35 37 38 39                                                       |
| 90                                                                       | 24 25 26 27 28 29 31 32 33 35 36 37 39                                                          |
| 95                                                                       | 24 25 26 27 29 30 31 33 34 35 37 38                                                             |
| 100                                                                      | 24 26 27 28 29 31 32 33 35 36 38 39                                                             |

Note: This table is compiled from an approximate formula which only depends on temperature and humidity. The formula is valid for full sunshine and a light wind

For further information concerning technical aspects relating to the effect of the climatic conditions on Horse welfare and the WBGT Index please contact the FEI.

**Table 1 Recommendations for different levels of the WBGT Index for the Cross-Country day of a Three Day Event**

| WBGT Reading | Recommendations                                                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Less than 28 | No changes to the FEI recommended format for the Three Day Event Competitions should be necessary.                                                                          |
| 28-30        | Some precautions to reduce heat load on Horses will be necessary.                                                                                                           |
| 30-32        | Additional precautions to those above to limit overheating of Horses will be necessary.                                                                                     |
| 32-33        | These are hazardous climatic conditions for Horses to compete in and will require further modifications to the Competition.                                                 |
| Above 33     | These environmental conditions are probably not compatible with safe Competition.<br><input type="checkbox"/> Further veterinary advice will be required before continuing. |