

Bluetongue situation in Portugal

Direção Geral de Alimentação e Veterinária



Bluetongue situation in Portugal

General measures

- Delimitation of affected areas
 - Adaptation of movement rules
- } **Official notice**
- Surveillance
 - Clinical surveillance**
 - Entomological surveillance** (historical data/ meteorological indicators)
 - Serological and virological surveillance**
 - Sentinel animals
 - Premovement test
 - Clinical suspicions investigation
 - Vaccination
 - Mandatory**
 - Voluntary**

Autonomous Regions of Azores and
Madeira have always been
Free of Bluetongue

Bluetongue situation in Portugal

Outbreaks in Portugal – Bluetongue serotype 1 and bluetongue serotype 4

Year	Serotype	Region Norte	Region Centro	Region Lisboa e V. Tejo	Region Alentejo	Region Algarve	Total
2004	BTV4	0	1	0	10	0	11
2006	BTV4	0	0	1	0	0	1
2007	BTV1	0	38	0	75	45	158
2008	BTV1	13	28	4	0	0	78
2009	BTV1	71	36	0	22	0	129
2010	BTV1	0	1	3	2	0	6
2011	BTV1	1	0	0	0	0	1
2012	BTV1	0	2	1	0	0	3
2013	BTV4	0	0	0	0	10	10
2015	BTV1	0	0	0	27	1	28
2016	BTV1	0	8	15	7	3	33
2017	BTV1	0	1	1	0	0	2
2018	BTV4	0	0	7	0	0	7
2020	BTV1	0	0	0	0	2	2
2020	BTV4	0	0	0	0	1	1
2021	BTV4	0	0	0	3	0	3

BTV1 
BTV4 



Bluetongue situation in Portugal

BTV4 Outbreak – 2021 confirmed by PCR+ at 23 august

Clinical suspicion in sheep in the municipality of Serpa, region Alentejo.

*Last occurrence of BTV4
in the region of Alentejo:
2004*

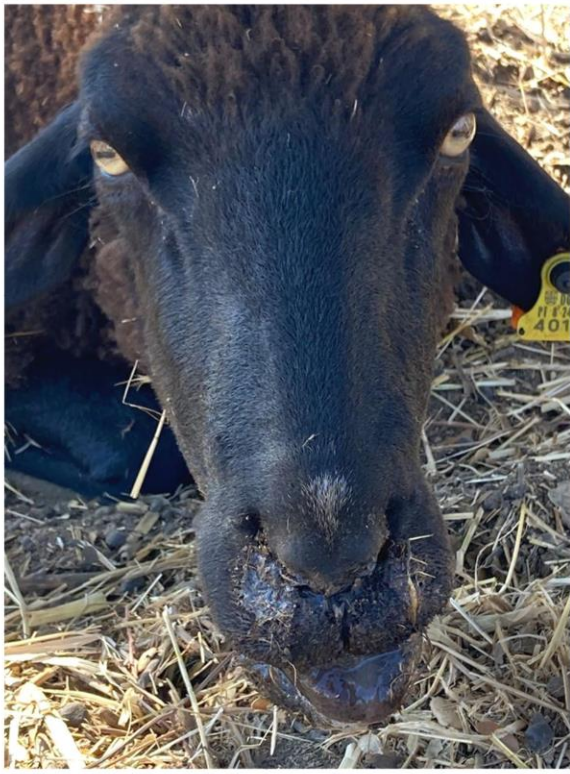
Measures

- ✓ Serological evaluation of the buffer zone
 - Identification of the holdings (50 kms area)
 - Blood sampling
- ✓ Clinical evaluation

- Clinical suspicions in 35 holdings in Alentejo region
- Sampling
- **Positive results for BTV4 (RT-PCR +) in 10 holdings**
- Results pending for the other holdings

BLUETONGUE Outbreaks BTV 4 August and September 2021





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Sentinel plan

Sampling in **June, July - 411** animals

Results: all negative

The plan will continue until December

Results per district

DISTRICT	Nº tested animals	ELISA test		RT - PCR test	
		Negative	Postive	Negative	Positive
CASTELO BRANCO	72	71	1	1	0
ÉVORA	60	60			
FARO	110	83	27	26	0
PORTALEGRE	55	55			
SANTARÉM	94	94			
SETÚBAL	20	19	1	1	
Total	411	382	29	28	0



Bluetongue situation in Portugal

Vaccination

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Affected zones /Mandatory vaccination areas



- DSAVR area
- BTV free zone
- BTV4 affected zone / mandatory vaccination area
- BTV4 and BTV1 affected zone / mandatory vaccination area

September 2021

BTV 4 + BTV 1

- Mandatory vaccination for sheep in **Algarve Region**
- Voluntary vaccination for cattle, and for sheep in the remaining areas of mainland

BTV 4

- Mandatory vaccination for sheep in **Alentejo Region since 27 august 2021**
- Voluntary vaccination for cattle in the risk area

Other serotypes

- Authorization case by case by DGAV

Data up to 20/9/2021

Vaccination 2021	vaccinated cattle	vaccinated sheep
BTV1 vaccination	184 682	284 382
BTV4 vaccination	209 929	328 793
BTV 1+ 4 mandatory vaccination (Algarve region)	56	22 159

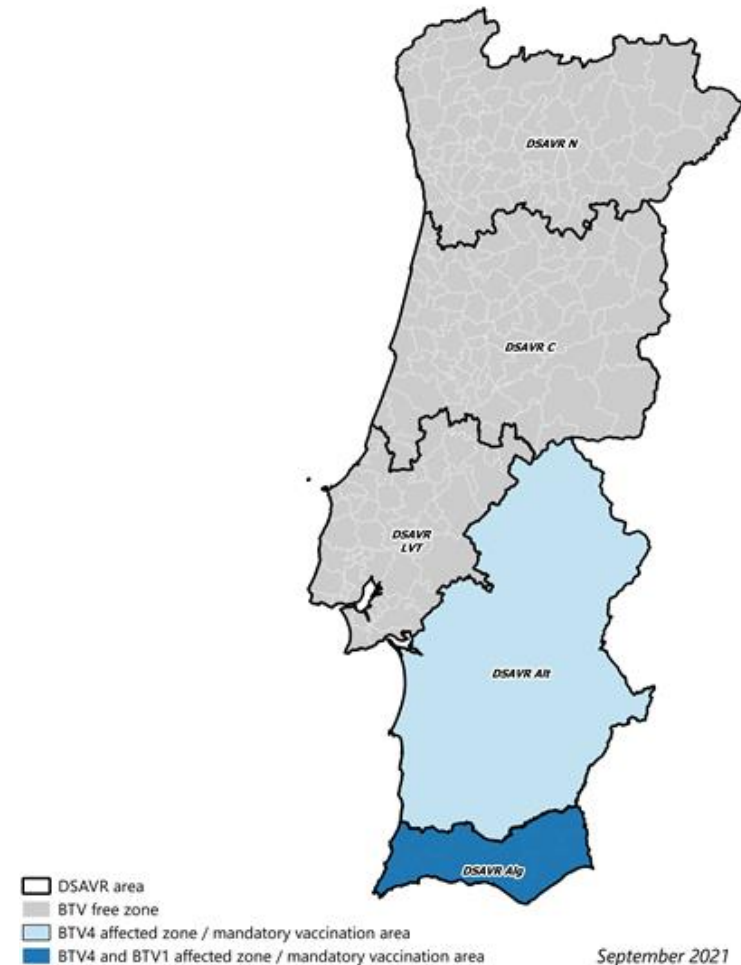
Bluetongue situation in Portugal

Areas to be delisted

Alentejo region will be delisted from the Annex VIII, part I of Regulation EU n.º 2021/1008, in the entry for Portugal

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Affected zones /Mandatory vaccination areas



September 2021

Bluetongue situation in Portugal

Summary

10 confirmed outbreaks of BTV4

Restriction areas

- ✓ BTV1+BTV4 affected area – Algarve Region
- ✓ BTV 4 affected area – Alentejo Region

Vaccination

- ✓ BTV1+BTV4 Mandatory vaccination – *Algarve region*
- ✓ BTV4 Mandatory vaccination – *Alentejo region*
- ✓ Voluntary vaccination for other serotypes – *authorization case by case by DGAV*

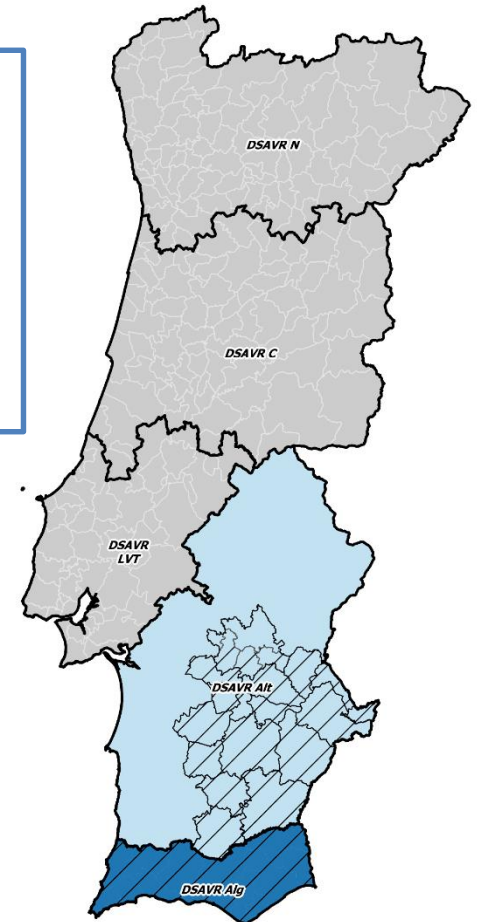
And also:

- Reinforcement of surveillance
- Reinforcement of desinsectization measures
- Clinical suspicions investigation

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Restricted zones /Mandatory vaccination areas

**Notice n.º 57 -
Bluetongue,
27 august 2021**
**Notice n.º 58 –
Bluetongue,
22 September
2021**



- DSAVR area
- BTV free zone
- BTV4 restricted zone
- BTV4 restricted zone / mandatory vaccination area
- BTV4 and BTV1 restricted zone / mandatory vaccination area

August 27 2021

