**Action plan template for persistent TB breakdowns (England)**

Refer to the accompanying guidance notes when completing this action plan.

**Section 1: Background Information**

|  |  |
| --- | --- |
| Business name and address |  |
| CPH number(s) covered by the action plan |  |
| Name and contact number of the person responsible for the action plan |  |
| Veterinary practice name and address  |  |
| Name and contact number of the responsible veterinary surgeon |  |
| Type and approximate numbers of cattle covered by the action plan*(Include cattle in one category only)* |  | Dairy | Beef |
| Cows & heifers (>24 months) |  |  |
| Heifers (12-24 months) |  |  |
| Youngstock (under 12 months) |  |  |
| Bulls (12 months and over) |  |  |
| Steers (12 months and over) |  |  |
| Other |  |  |
| Bovine TB risk area in which the holding(s) is/are located\**(Tick all that apply)* | [ ] High Risk Area[ ] Edge Area [ ] Low Risk Area \*You can find out which bovine TB risk area your holding is located in by accessing the interactive bovine TB risk map on the TB hub website at <https://tbhub.co.uk> |
| Have you and your vet reviewed the Farm Level Data Report supplied by APHA? | [ ] Yes[ ] No [ ] N/A – Farm Level Data Report not received. Contact APHA to request a report. Farm Level Data Reports are produced by APHA using TB breakdown and cattle movement data. The aim of the report is to help you understand the TB risks to your herd and how to take action to reduce these risks. Find out more about Farm Level Data Reports on the TB hub website <https://tbhub.co.uk/advice-during-a-tb-breakdown/other-actions-taken-during-a-tb-breakdown/> |
| Plan completed by:*(Person responsible for action plan)*  | Name  | Role |
| Signature | Date  |
| Plan completed by: *(Veterinary surgeon)* | Name |
| Signature | Date |
| Review date of plan *(Recommended annually as long as the herd remains TB-restricted)* |  |

**Section 2: Biosecurity risk assessment and management plan**

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| --- | --- | --- | --- |
| **Bovine TB risk factor***(From the Five Point Biosecurity Plan)* | **Risk level****(Likely/****Possible/****Unlikely)** | **Farm-specific measures in place to reduce the risk***(Control strategies)* | **Recommended actions and implementation plan** |
| **Stop infected cattle entering the herd****Risk factors to consider:*** Number of cattle movements onto the holding each year
* Cattle moved on since the breakdown started and their origin
* Out of home range genotype/WGS clade of *M. bovis*\*
* Purchased reactors vs homebred\*
* Infection limited to a group of purchased cattle and their contacts
* Higher risk locations used for grazing/housing e.g. due to wildlife activity or poor boundaries
 |  |  |  |
| **Reduce the risk from neighbouring herds****Risk factors to consider:*** Neighbouring herds with a recent TB breakdown?\*\*
* Contact with neighbouring cattle at boundaries
* Shared use of tracks/roads with other cattle
* Cattle accessing water downstream of water accessed by other cattle
* Sharing of equipment, machinery or vehicles with other farms
* Biosecurity of personnel/visitors accessing cattle areas
 |  |  |  |
| **Restrict contact between badgers/wild deer and cattle****Risk factors to consider:*** Badger setts, tracks, latrines or foraging activities seen
	+ at farm buildings
	+ on farm
	+ nearby
* Badger access to cattle housing
* Cattle access to high risk areas at pasture e.g. badger setts and latrines
* High risk locations where cattle are thought to have contracted TB from wildlife
* Wild deer observed on the farm or in the locality
 |  |  |  |
| **Manage cattle feed and water****Risk factors to consider:*** Cattle feed accessible to badgers:
	+ in feed stores
	+ when clamped
	+ in feed troughs at housing
	+ when fed at pasture including access to feed troughs
* Mineral and/or energy supplements accessible to badgers
	+ at housing
	+ at pasture
* Waste milk fed to calves
* Water troughs accessible to badgers
* Frequency of cleaning and disinfection of feed and water troughs
* Cattle access to ponds/streams
 |  |  |  |
| **Minimise infection from cattle manure****Risk factors to consider:*** Storage time for manure/slurry prior to spreading
* Manure/slurry stores accessible to livestock, domestic or wild animals
* Manure/slurry/dirty water spread on arable land or pasture that is going to be grazed by cattle in less than two months
* Method of slurry application and aerosol production
* Access routes contaminated when spreading manure/slurry
* Manure/slurry from other farms spread on land used by your cattle
 |  |  |  |

\* refer to the APHA Farm Level Data Report if available. More information about whole genome sequencing (WGS) is available on the TB hub <https://tbhub.co.uk/whole-genome-sequencing-of-m-bovis-isolates-in-great-britain/>
\*\* use ibTB <https://www.ibtb.co.uk/> to find this information.

**Section 3: Isolation and management of reactor and inconclusive reactor animals**

Reactors

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|  |

Inconclusive reactors

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Cleaning and disinfection

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Further recommendations

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**Section 4: Specific risk factors for persistence of TB infection in the herd and how these can be addressed**

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| **Risk factors for persistence of TB infection in the herd** | **Is this reason applicable? (Y/N)** | **Recommended actions and implementation plan** |
| **Undisclosed infection in the herd**  |  |  |
| **Environmental contamination on farm maintaining infection**  |  |  |
| **Repeated purchases of infected or susceptible cattle**  |  |  |
| **Contact with neighbouring cattle as a source of sustained infection** |  |  |
| **Infection from wildlife**  |  |  |
| **Other sources of infection** |  |  |

**Section 4: Contingency planning**

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| **Possible impacts**  | **Contingency plan**  | **Additional measures recommended and plan for implementation** |
| **Replacement cattle**  |  |  |
| **Outlets for calves, stores, finished cattle and culls to avoid overstocking and other welfare issues** |  |  |
| **Bulls** |  |  |
| **Heifer rearing**  |  |  |
| **Separately managed herds** |  |  |
| **Use of temporary land/housing** |  |  |
| **Tenancy agreement**  |  |  |