**Table S.1. Description of exclusion measures installed on each farm**

Number and type of measure installed varied greatly dependent on size of farm, number of buildings of each type, building construction and farmer preference.

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| **Farm ID** | **Treatment** | **Exclusion measures installed** |
| 1 | Both | Solid aluminium gates x3Adaptation of gates *in situ* to reduce gaps |
| 6 | Both | Solid aluminium gates x5Rail gates with adjustable solid panels x 3Permanent electric fencing |
| 10 | Both | Adapted solid aluminium wheeled hurdles x 11Rail gates with solid panels x 2 |
| 20 | Both | Solid and adjustable panels fitted to current gates x10 |
| 26 | Both | Solid aluminium gates x 2Retractable electric fence x 1Solid panels fitted to current gates x 4 |
| 27 | Both | Solid aluminium gates x 2Bespoke solid door to feed storeSolid panelling fitted to wooden rail fence x 6 |
| 31 | Both | Solid aluminium gates x 2Solid panelling fitted to wooden rail fence x 8 |
| 9 | Both | Rail gates with adjustable solid panels x 4Adaptation of gates *in situ* to reduce gaps |
| 15 | Cattle Housing | Solid aluminium gates x 17Solid panelling fitted to wooden rail fence x 6Retractable electric fence x 1Rail gates with adjustable solid panels x 4 |
| 5 | Cattle Housing | Solid aluminium gates x 2Rail gates with adjustable solid panels x 3Permanent electric fencing x 1Adaptation of gates *in situ* to reduce gaps |
| 13 | Cattle Housing | Rail gates with adjustable solid panels x 3Adaptation of gates *in situ* to reduce gaps |
| 17 | Cattle Housing | Solid aluminium gates x 1Rail gates with adjustable solid panels x 4 |
| 19 | Cattle Housing | Solid aluminium gates x 2Panelling fitted to hurdles already in place x 4Permanent electric fence x 1 |
| 21 | Cattle Housing | Solid aluminium gates x 2Rail gates with adjustable solid panels x 2Adaptation of gates *in situ* to reduce gaps |
| 23 | Cattle Housing | Solid aluminium gates x 1Adapted solid aluminium wheeled hurdles x 2Permanent electric fence x 1Adaptation of gates *in situ* to reduce gaps |
| 28 | Cattle Housing | Solid aluminium gates x 3Rail gates with adjustable solid panels x 2Adaptation of gates *in situ* to reduce gaps |
| 32 | Feed Stores | Solid aluminium gates x 2 |
| 2 | Feed Stores | Adaptation of gates *in situ* to reduce gaps |
| 3 | Feed Stores | Solid aluminium gates x 3Solid panelling fitted to rail gates x 3Permanent electric fence x 1Bespoke solid door to feed store |
| 4 | Feed Stores | Permanent electric fence x 1Retractable electric fence x 1 |
| 11 | Feed Stores | Solid aluminium gates x 2Retractable electric fence x 2Bespoke front & top opening secure metal feed bin |
| 16 | Feed Stores | Feed binAdaptation of gates *in situ* to reduce gaps |
| 22 | Feed Stores | Adapted solid aluminium wheeled hurdles x 12 |
| 25 | Feed Stores | Solid aluminium gates x 2Roller doorRetractable electric fence x 2 |