

COVID -19: on farm social distancing.

Protecting yourself, your family and visitors to your farm

On the 23rd March the government introduced three new measures in response to the ongoing Coronavirus (COVID-19) pandemic:

- 1. Requiring people to stay at home, except for very limited purposes.**
- 2. Closing certain businesses and venues.**
- 3. Stopping all gatherings of more than two people in public.**

Unless exempt, every person in the UK must comply with these new measures. Farming businesses and people involved in food production have been exempted from these restrictions and are recognised as key workers and businesses. However, social distancing and good hygiene practises are still required on farms and within farm work environments to protect against COVID-19; which includes 2m distancing rules and 20 second hand washing routines.

Is COVID-19 airborne and how is it transmitted between people?



The virus that causes COVID-19 is mainly transmitted through droplets generated when an infected person coughs, sneezes, or speaks. These droplets are too heavy to hang in the air and they quickly fall on floors or surfaces. You can be infected by breathing in the virus if you are within 1 metre proximity of a person who has COVID-19, or by touching a contaminated surface and then touching your eyes, nose or mouth before washing your hands.

What are the symptoms of COVID-19?



The World Health Organisation (WHO) report that the most common symptoms of COVID-19 are fever, tiredness, and dry cough. Some patients may have aches and pains, nasal congestion, a runny nose, a sore throat or diarrhoea. These symptoms are usually mild and begin gradually. Not everyone has symptoms when they are infected. This is classified as being asymptomatic. Most people (about 80%) recover from the virus without needing special treatment. Around 1 out of every 6 people who gets COVID-19 becomes seriously ill and develops difficulty breathing. Older people, and those with underlying medical problems such as high blood pressure, heart problems or diabetes, are more likely to develop serious illness. People with fever, cough and difficulty breathing should seek medical attention. The NHS says that a fever is represented by a temperature above 37.8°C.

When are infected people infectious?



Current understanding is that people are infectious when symptomatic, but for some people, the symptoms can be very mild (asymptomatic), so it can be hard to tell if they are indeed infectious. Therefore 2 metre social distancing is very important.

Can you catch COVID-19 from animals?



There is no evidence of COVID-19 (Coronavirus) circulating in pets or other animals in the UK. Pets could be a carrier (fomite) of the virus on their fur for short periods of time, just as other surfaces can carry the virus from one place to another. In line with the general advice on COVID-19, you should wash your hands regularly including before and after you come into contact with pets and other animals.

How long does the virus persist on surfaces?



It is not known how long the virus that causes COVID-19 survives on surfaces, but it seems to behave like other coronaviruses. Studies suggest that coronaviruses (including preliminary information on the COVID-19 virus) may persist on surfaces for a few hours or up to several days; which varies under different conditions (e.g. type of surface, temperature or humidity of the environment).

The World Health Organisation (WHO) suggest that whilst their understanding of COVID-19 is still developing, other human coronaviruses can survive on inanimate objects and can remain viable for up to 5 days at temperatures of 22–25°C and relative humidity of 40–50%. Survival on environmental surfaces is also dependent on the surface type. An experimental study using a SARS-CoV-2 strain reported that the virus remained viable on plastic for up to 72 hours, for 48 hours on stainless steel and up to 8 hours on copper.

What cleaning and disinfection practices should we adopt and use around farms and farm buildings?



For any farm, a cleaning and disinfecting (C&D) plan should form a major part of your veterinary health plan and should be carried out conscientiously during this time.

AHDB provide some useful information on C&D which can be applied to all farms. Read here: <https://ahdb.org.uk/knowledge-library/cleaning-and-disinfection-on-pig-farms>

With COVID-19 being transmitted from human to human, what is also important is to ensure that visitors and farmers are using the correct personal protective equipment (PPE).

both parties should be responsible for providing their own PPE

PPE includes gloves, overalls, face masks and protective footwear. Farmers are suggested to provide a bucket of warm water and soap for hand washing for visitors. Disposable towels / paper should be provided for drying hands.

The WHO suggest that if a surface may be infected, clean it with simple detergent and / or disinfectant to kill the virus and protect yourself and others. Clean your hands with an alcohol-based hand rub (60% alcohol and above) or wash them with soap and water. Avoid touching your eyes, mouth, or nose.

Think about areas or surfaces on and around the farm and in farm buildings which get lots of foot fall and resultant contact. The surface areas include light switches, door handles, taps, livestock handling equipment, and gates. This is not an exhaustive list.

Waste water from C&D can be disposed of in a normal manner, not requiring specialist disposal measures.

What on farm activities provide the greatest risk?



It has been highlighted that some activities can pose a risk, livestock handling, youngstock in particular, is one such activity due to the close contact that can occur between animal handlers.

There are many pragmatic solutions to reduce human contact when handling livestock. Discuss with your vet what solutions can be applied to your farm that abide by the 2 metre social distancing rules, maintain animal welfare, but allow the job done safely and efficiently.

You don't always need to invest lots of money into 'new kit', just apply some thinking to the outcome you want to achieve, and then adapt what you have around you to achieve that outcome.



This picture shows one such idea; a farmer has used two gates, tied in parallel together to form an ideal calf race.

Photo provided by TB Advisory Service.

There is of course, no one answer to every farming situation, and different farming systems will have different challenges.

The NFU is aware of once such issue in the dairy sector, where concerns about protecting the health of both the milk tanker delivery drivers and the farmers' health during this daily visits.

Whilst there does not need to be any direct contact between milk tanker drivers and farmers when collecting milk, touching of surfaces, such as areas on the bulk tank, or farm gates are risk areas where COVID-19 could be spread. It is therefore crucial to adopt the C&D plan and other hygiene measures between the farmer (and between different farm staff or operators) and the tanker driver. Taking these precautions seriously will minimise the spread of the virus and the effects of illness and reduced staffing capacity on the supply chain.

References

- **Defra**
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