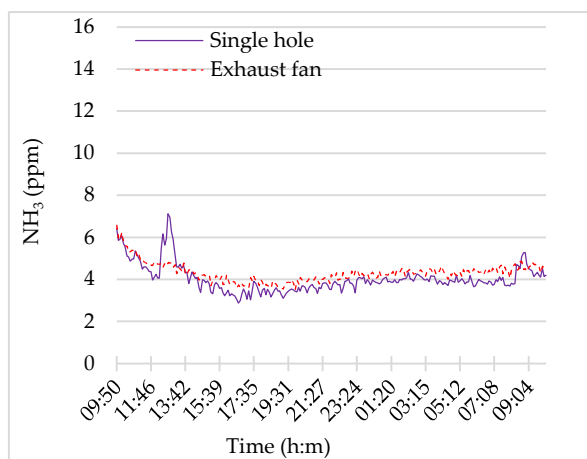
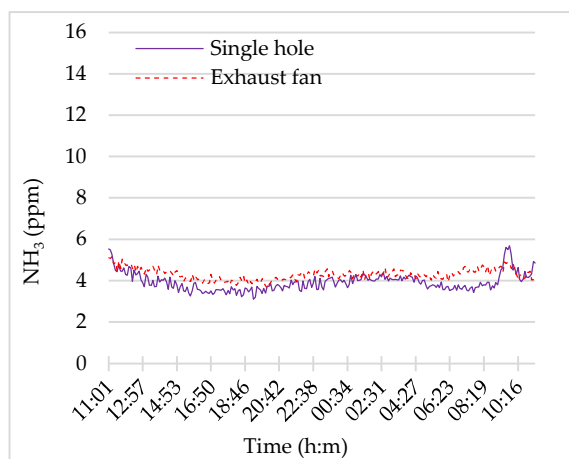


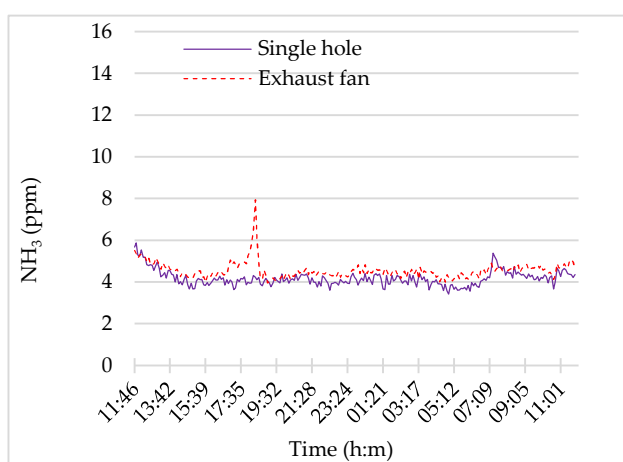
Figure S1. The changes of NH_3 concentration for (a) 100% and (b) 30% ventilation in non-sprayed treatments.



(a)

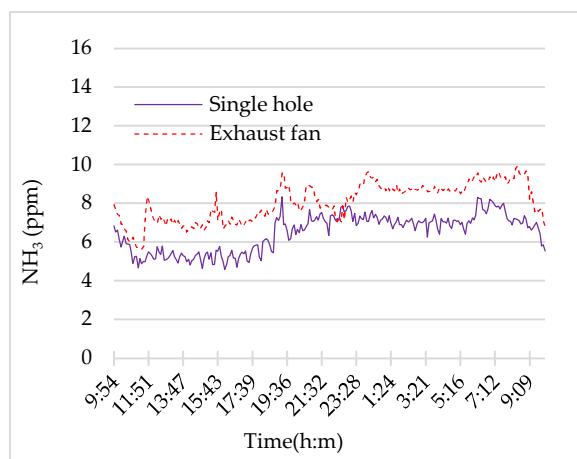


(b)

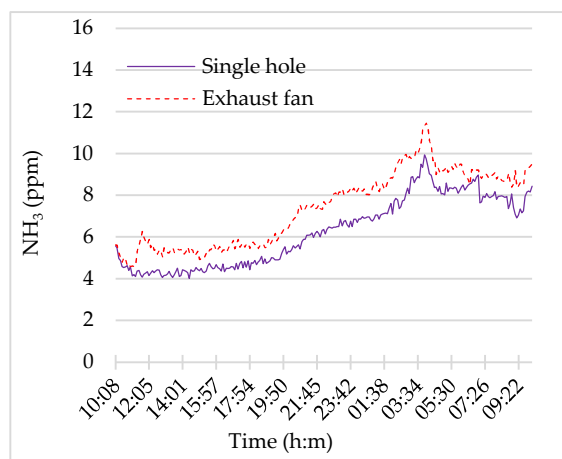


(c)

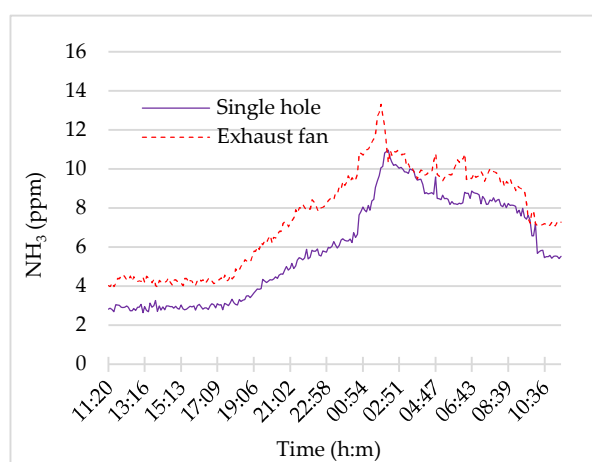
Figure S2. The changes of NH_3 concentration by spraying water inside of the curtain at the maximum operating rate of the barn exhaust fan (100%), (a) S/P (spray time, min./pause time, min.) 10/30, (b) 10/10, (c) 10/5.



(a)



(b)



(c)

Figure S3. The changes of NH₃ concentration by spraying water inside of the curtain at the minimum operating rate of the barn exhaust fan (30%), (a) S/P (spray time, min./pause time, min.) 10/30, (b) 10/10, (c) 10/5.