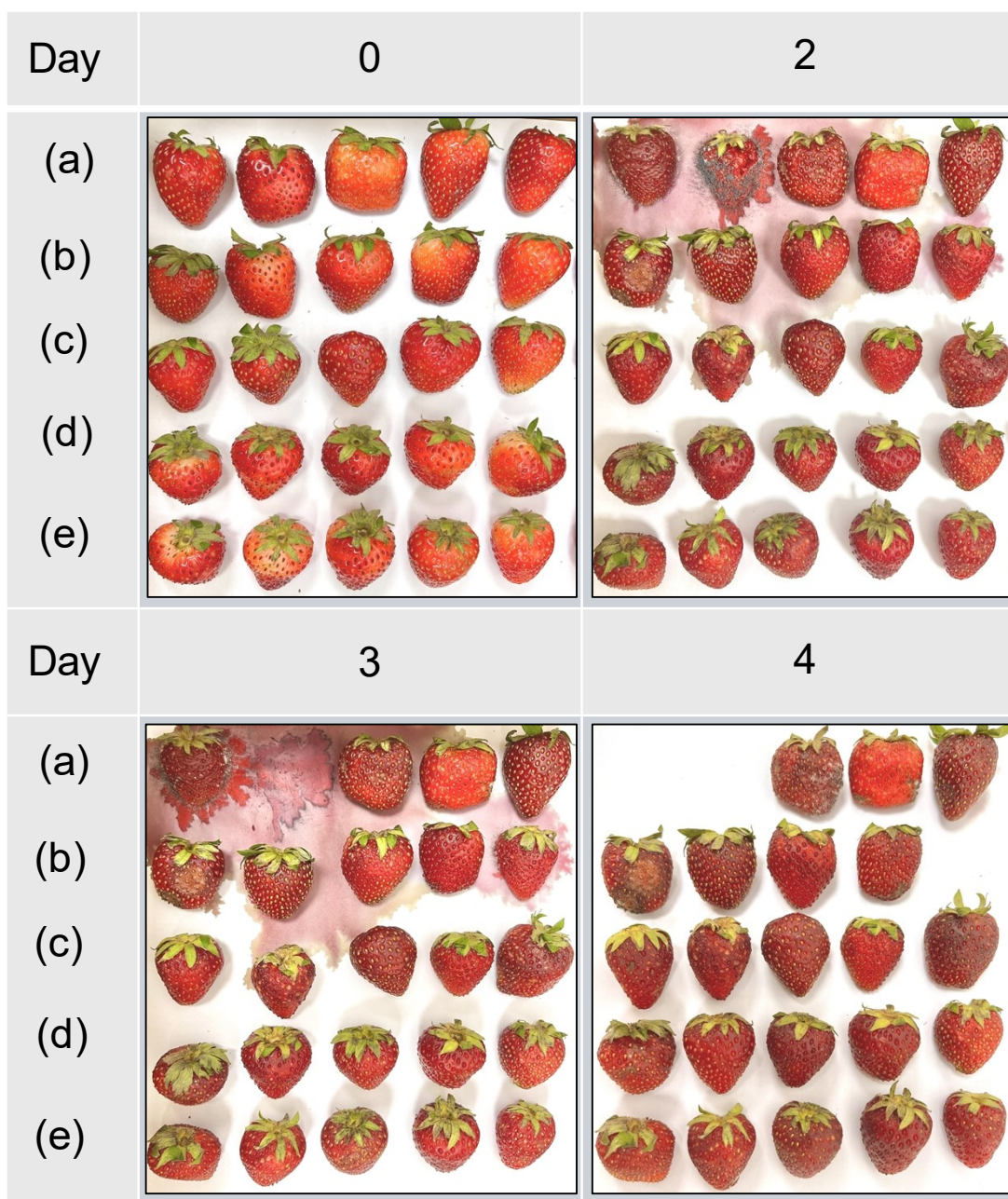
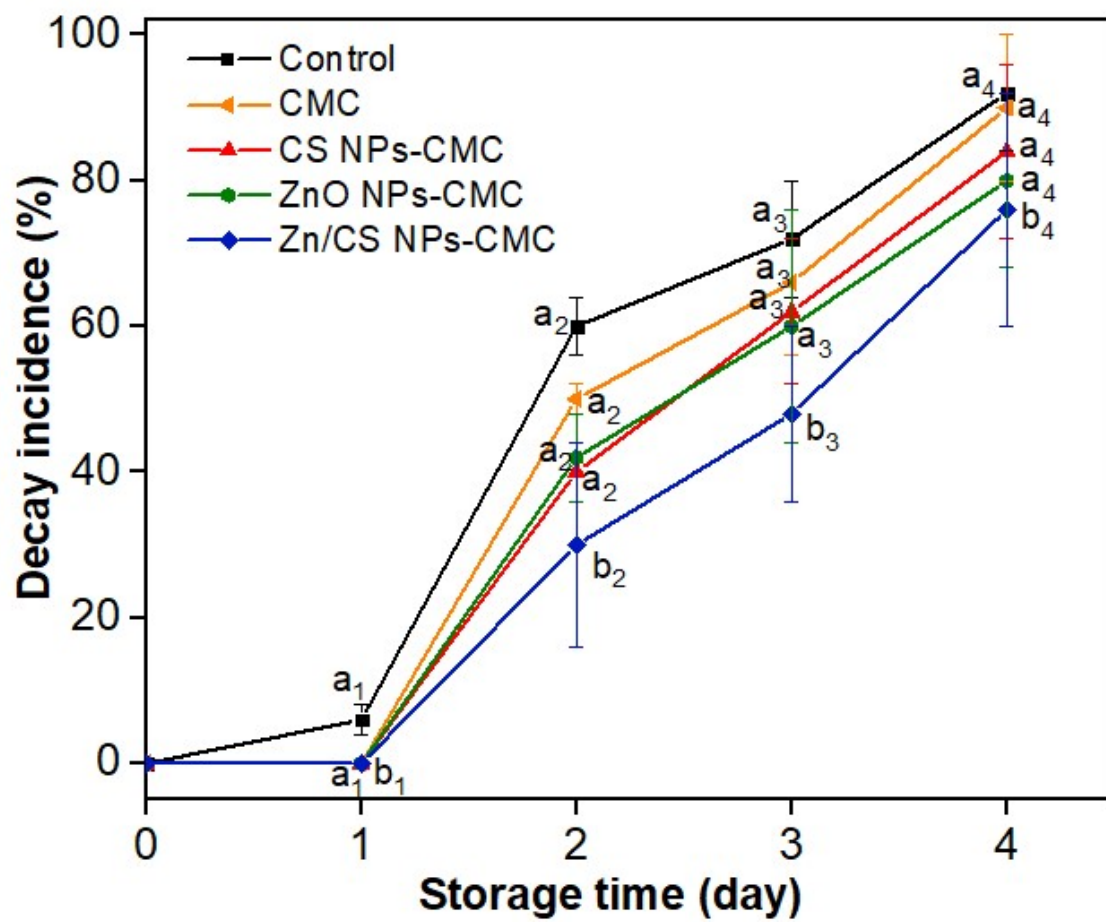


**Supporting data 1.** Agar plates inoculated with *E. Coli* (a, b, c, d) and MRSA (a', b', c', d'), which were untreated (a, a') and treated with CS NPs (b, b'), ZnO NPs (c, c'), and CS/Zn NPs (d, d') with four-fold diluted concentration



**Supporting data 2.** The images of five groups: control (a), CMC (b), CS NPs-CMC (c), ZnO NPs-CMC (d), CS/Zn-CMC (e) of strawberries stored at 25 °C



**Supporting data 3.** Decay incidence of control and coated strawberries stored at 25 °C