

Supplementary information

Table 1. Classification Standard of Surface Infection Levels of Samples

Levels	Infected Area of Sample
0	No hyphae or mildew on the sample surface
1	Infected area of sample < 1/4
2	Infected area of sample 1/4–1/2
3	Infected area of sample 1/2–3/4
4	Infected area of sample > 3/4

Table 2. Factor level

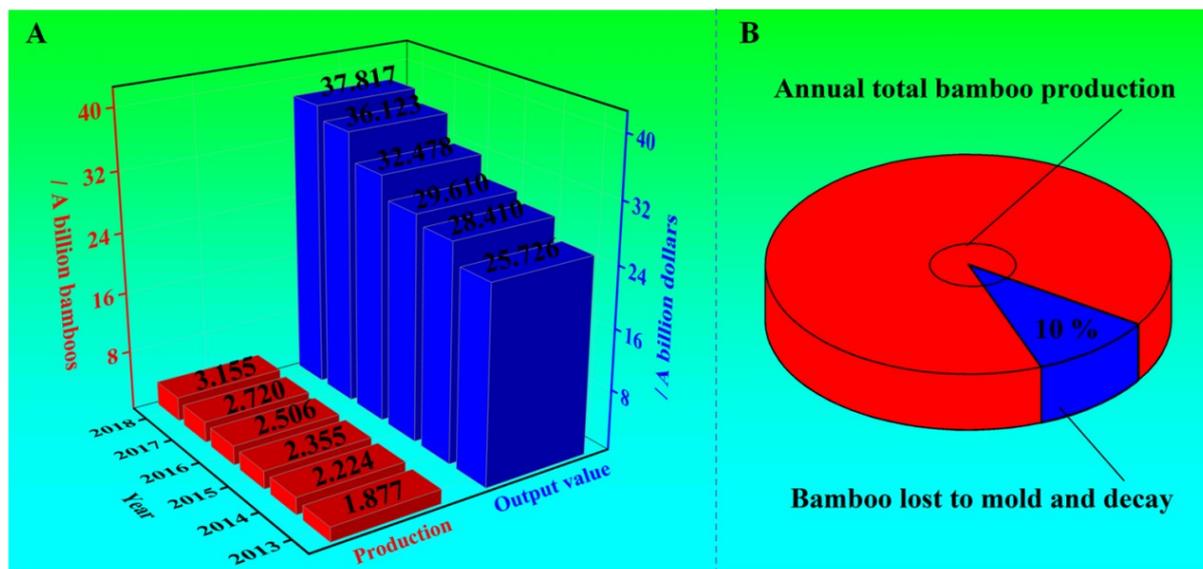
Level	Factor		
	A (mg)	B (h)	C (°C)
1	10	1	25
2	30	2	30
3	50	3	35

Table 3. Results of the repeated experiment of the optimum formula

Test No.	EC (%)	Deviation (%)
1	83.656	- 0.128
2	83.658	- 0.126
3	84.039	0.255
Mean	83.784	

Table 4. LCST results of PNIPAm/Citral nanohydrogels were determined by visual method

Temperature / °C	28	29	30	31	32	33	34	35	36
Phase transformation	No	Yes							



A: Production and output value of bamboo in China 2013-2018; **B:** Annual, the proportion of mold and decay bamboo in total bamboo production