Development of cationic cellulose modified bentonite-alginate nanocomposite gel for sustained release of alachlor

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Figure S1	Release kinetics of alachlor from alginate nanocomposites with organobentonite modified with cationic cellulose of different loading levels.
Figure S2	SEM images of alachlor loaded bentonite-alginate nanocomposite.
Table S1	The dehydration mass loss rate and the initial mass loss temperature of bentonite, cationic cellulose and cationic cellulose modified bentonite.

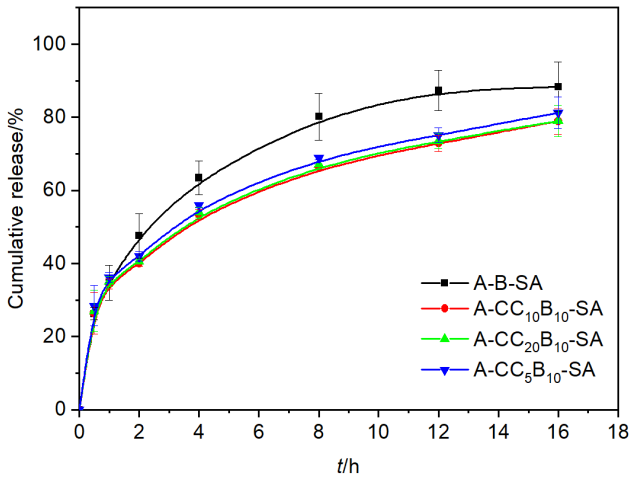

Figure S1. Release kinetics of alachlor from alginate nanocomposites with organobentonite modified with cationic cellulose of different loading levels.

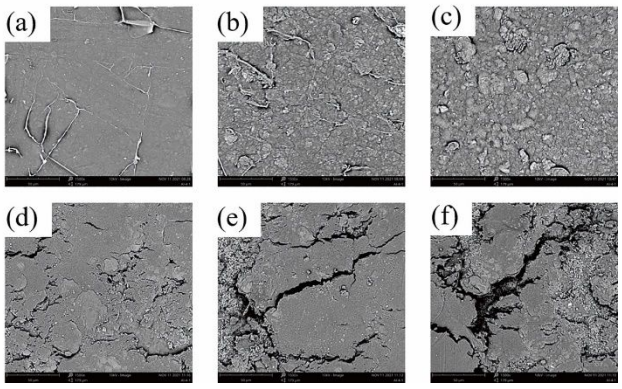

Figure S2. SEM images of alachlor loaded bentonite-alginate nanocomposite. (a)A-SA, (b)A-$B_{2.5}$-SA, (c)A-B_5-SA, (d) A-B_{10}-SA, (e) A-B_{20}-SA, (f) A-B_{30}-SA.

Table S1. The dehydration mass loss rate and the initial mass loss temperature of bentonite, cationic cellulose and cationic cellulose modified bentonite.

Sample	Dehydration rate/%	Dehydration temperature/^{o}C
Bentonite	9.9	105
CC	5.4	98.2
$CC_{10}B$	7.3	79.4