Table S1: Mean retrieved adults and juveniles of reproduction test using *Folsomia candida* in three treatments of four repeated studies. Numbers in brackets: 95% confidence limits [c.l.], C.V.: Coefficient of variation (n=6).

Treatment	Month	retrieved adults Mean [c.l.]	C.V.	Juveniles mean [c.l.]	C.V.
AgNO$_3$	April	4.0 [4.0-4.0]	0.0%	384 [332-435]	20.4%
	July	3.8 [3.5-4.0]	10.4%	372 [321-424]	14.0%
	October	3.5 [2.8-4.0]	23.9%	357 [306-409]	21.0%
	January	3.8 [3.5-4.0]	10.4%	311 [259-363]	18.6%
AgNP	April	4.0 [4.0-4.0]	0.0%	312 [260-364]	14.9%
	July	3.3 [2.7-3.8]	24.5%	290 [239-342]	16.8%
	October	3.7 [3.0-4.0]	14.1%	450 [400-503]	9.0%
	January	3.7 [3.0-4.0]	22.1%	363 [311-414]	12.2%
Control	April	4.0 [4.0-4.0]	0.0%	504 [452-555]	19.4%
	July	3.7 [3.3-4.0]	14.1%	582 [530-634]	15.2%
	October	4.0 [4.0-4.0]	0.0%	633 [581-684]	8.2%
	January	3.5 [3.2-3.8]	15.7%	406 [354-457]	11.0%

Table S2: Pairwise comparisons of juveniles between seasons in the different treatments (multiple comparison: Bonferroni) of reproduction test using *Folsomia candida*. Statistical significances: *p<0.05, **p<0.01, ***p < 0.001.

Treatment	Month	Month	Sig.
AgNO$_3$	April	July	1.000
		October	1.000
		January	0.307
	July	October	1.000
		January	0.595
	October	January	1.000
AgNP	April	July	1.000
		October	0.000***
		January	1.000
	July	October	0.000***
		January	0.313
	October	January	0.106
Control	April	July	0.216
		October	0.005**
		January	0.056
	July	October	1.000
		January	0.000***
	October	January	0.000***

Table S3: Pairwise comparisons of juveniles between treatments in the different seasons (multiple comparison: Bonferroni) of reproduction test using *Folsomia candida*. Statistical significances: *p<0.05, **p<0.01, ***p < 0.001.

Month	Treatment	Treatment	Sig.
October	Control	$AgNO_3$	0.000***
		AgNP	0.000***
	AgNP	$AgNO_3$	0.036*
April	Control	$AgNO_3$	0.005**
		AgNP	0.000***
	AgNP	$AgNO_3$	0.163
July	Control	$AgNO_3$	0.000***
		AgNP	0.000***
	AgNP	$AgNO_3$	0.086
January	Control	$AgNO_3$	0.036*
		AgNP	0.736
	AgNP	$AgNO_3$	0.487

Table S4: Results of Two-way ANOVA (Bonferroni) for effects of treatment and month on Juveniles of reproduction test using *Folsomia candida*.

Source	Df	MS	F	Sig.
Model	11	71169.712	17.787	0.000
Treatment	2	247476.292	61.852	0.000
Month	3	45559.426	11.387	0.000
Treatment * Month	6	25205.995	6.3	0.000
Error	60	4001.111		
Total	72			

Table S5: Results of Two-way ANOVA (Bonferroni) for effects of treatment and month on retrieved adults of reproduction test using *Folsomia candida*.

Source	Df	MS	F	Sig.
Model	11	0.318	1.193	0.311
Treatment	2	0.125	0.469	0.628
Month	3	0.537	2.014	0.122
Treatment * Month	6	0.273	1.024	0.418
Error	60	0.267		
Total	72			

Table S6: Results of Two-way ANOVA (Bonferroni) for effects of treatment and month on adults' size of reproduction test using *Folsomia candida*.

Source	Df	MS	F	Sig.

Model	11	0.019	0.67	0.760
Treatment	2	0.04	1.428	0.248
Month	3	0.007	0.243	0.866
Treatment * Month	6	0.018	0.628	0.707
Error	59	0.028		
Total	71			