Table S1. Effect of sheet application on total photosynthesis (P_N), stomatal conductance (G_s) and transpiration (E) during the season – experiment 1

TREATMENT	**16/6**	**8/7**	**6/8**	**10/9**
	P_N (µmol CO_2 m^{-2} s^{-1})			
Ca 0	6.55	8.5	11.0	4.69
Ca 200	10.9	9.73	12.6	4.44
Significance	***	*ns*	*ns*	*ns*
	g_s (mmol H_2O m^{-2} s^{-1})			
Ca 0	0.030	0.057	0.066	0.034
Ca 200	0.070	0.066	0.086	0.036
Significance	**	*ns*	*	*ns*
	E (mmol H_2O m^{-2} s^{-1})			
Ca 0	0.898	1.90	1.67	1.06
Ca 200	2.03	2.14	2.06	1.12
Significance	**	*ns*	*	*ns*

*ns, *, **, **** : effect not significant or significant at P≤0.05, P≤0.01, P≤0.001, respectively.

Table S2. Effect of sheet application on stem, fruit and leaves water potential (bar) during the season – experiment 2

TREATMENT	**16/6**	**13/7**	**25/8**	**5/10**
	STEM Ψ			
NO FILM	-5,25	-5.10	-4.50	-3.50
FILM	-5.30	-5.30	-4.45	-3.05
Significance	*ns*	*ns*	*ns*	*ns*
	FRUIT Ψ			
NO FILM	-7.95	-7.15	-6.20	-5.05
FILM	-8.45	-7.15	-6.55	-5.20
Significance	*ns*	*ns*	*ns*	*ns*
	LEAVES Ψ			
NO FILM	-8.00	-10.7	-8.85	-8.20
FILM	-8.60	-10.3	-8.10	-8.70
Significance	*ns*	*ns*	*ns*	*ns*

ns: effect not significant.

Table S3. Effect of film application on total photosynthesis (P_n), stomatal conductance (G_s) and transpiration (E) during the season – experiment 2

TREATMENT	**16/6**	**13/7**	**25/8**
	P_n (µmol CO_2 m^{-2} s^{-1})		
NO FILM	15.7	16.8	21.2
FILM	18.1	18.4	21.7
Significance	*ns*	*ns*	*ns*
	g_s (mmol H_2O m^{-2} s^{-1})		
NO FILM	0.168	0.215	0.260
FILM	0.166	0.184	0.265
Significance	*ns*	*ns*	*ns*

	E (mmol H_2O m^{-2} s^{-1})		
NO FILM	3.89	6.69	6.14
FILM	4.01	6.07	6.40
Significance	*ns*	*ns*	*ns*

ns: effect not significant.

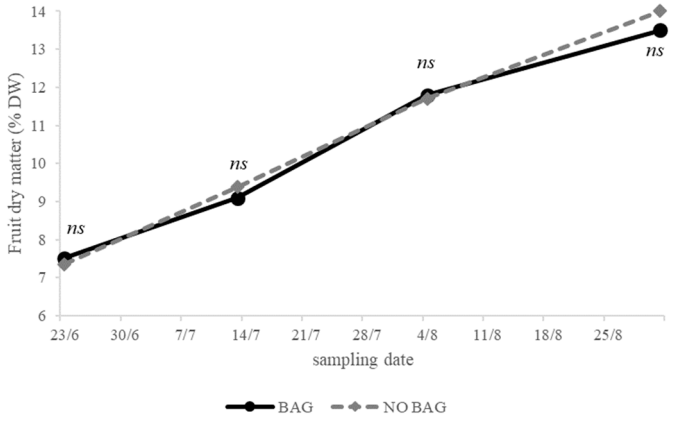


Figure S1 – Effect of plastic bag on fruit dry matter accumulation during the season – experiment 3

Table S4. Effect of sheet application on stem, fruit and leaves water potential (bar) during the season – experiment 3

TREATMENT	**16/6**	**13/7**	**25/8**	**5/10**
	STEM Ψ			
NO BAG	-5.00	-5.30	-4.45	-3.05
BAG	-5.10	-5.60	-4.65	-3.10
Significance	*ns*	*ns*	*ns*	*ns*
	FRUIT Ψ			
NO BAG	-8.45	-7.15	-6.55	-5.20
BAG	-8.30	-7.45	-6.90	-4.75
Significance	*ns*	*ns*	*ns*	*ns*
	LEAVES Ψ			
NO BAG	-8.60	-10.3	-8.10	-8.70
BAG	-8.90	-10.5	-9.10	-8.70
Significance	*ns*	*ns*	*ns*	*ns*

ns: effect not significant.