

Table 11. Effect of Insect Exclusion Netting (IEN) and black plastic mulch on heat stress, plant maturity and plant height on Sep 2 in summer-planted broccoli; Canticle Farm, Alleghany, NY, 2016.

Treatment		Unmarketable Heat Stress (% Plants)	Mean Maturity Rating (Scale: 0-7 ¹)	Plant Maturity Distribution (% per Category)				Mean Plant Height (in)
Mulch	Insect Exclusion Netting			Not Ready (1-2)	Ready (3)	Slightly Past (4-5)	A lot past (6-7)	
None Bare ground	None Open Air	0.0	2.4 c ²	80.0 a	0.0	31.7	0 b	19.7 d
None Bare ground	IEN	23.3	5.5 a	6.7 b	8.3	43.3	61.7 a	23.4 b
Black Plastic	None Open Air	46.7	4.1 b	20.0 b	25.0	20.0	28.0 b	20.6 c
Black Plastic	IEN	3.3	5.0 a	10.0 b	0.0	23.3	46.7 ab	26.8 a
P-value ($\alpha=0.05$)		0.2300	0.0000	0.0458	0.1411	0.2705	0.0248	0.0000
Samples, reps		3 sub-samples of 10 plants in a row per rep. Only 10 plants in Bare ground Open Air.						10 plants per rep; 2 reps

¹**Maturity Rating Scale:** 1—No head formation; 2—1-2" head (not ready); 3—Ready, nice dome; 4—Flat head (slightly past); 5—Early bolt (Slightly past); 6—Mid-bolt (past); 7—Late-bolt (past).

²Numbers in a column followed by the same letter are not significantly different, Fisher's Protected Least Significant Difference (LSD) test, $p > 0.05$.