Table 12. Total swede midge trap catches inside insect exclusion netting treatments compared to open air for fall broccoli mulch and netting trial at Muddy Fingers, Hector, NY, 2016.

| Treatment | | Rep | Total No. SM trapped in 9 weeks (Jul 13 to Sep 16)[1] | Notes |
|---|---|---|---|---|
| Mulch Type | Insect Exclusion Netting | | | |
| Beside trial in cabbage | None – Open Air | | 102 | |
| Hay | White | 1 | 10 | |
| | | 2 | 7 | |
| Hay | Green | 1 | 20 | Sleeve fell off for 3 weeks |
| | | 2 | 20 | |
| White Plastic | White | 1 | 2 | |
| | | 2 | 9 | |
| Silver Plastic | White | 1 | 6 | |
| | | 2 | 6 | |

Note: By Aug 25, weed growth had begun to lift IEN off of ground. Treatments hand weeded and IEN secured to ground with rocks on Aug 25.

Table. 13. Effect of mulch type and insect exclusion netting on maturity and quality of Fall broccoli: Muddy Fingers, Hector, NY, 2016.

| Treatment | | Plant Status on Sep 22 (% of total plants) | | | | | | (Oct 28) Plant Height (inch) |
|---|---|---|---|---|---|---|---|---|
| Mulch Type | Insect Exclusion Netting | Unmarketable | Marketable | | | | | |
| | | Heat Stress (%) | First Cut[1] | Second Cut[1] | 4-6 inch head[3] | 2-3 inch head | ≤ 1-inch head | |
| Hay | White | 13.7 | 56.3 a[2] | 30.5 | 2.2 | 3.0 c | 7.8 | 70.7 a |
| Hay | Green | 13.3 | 6.6 b | 31.2 | 12.1 | 27.6 a | 18.1 | 64.2 b |
| White Plastic | White | 46.4 | 41.7 a | 30.0 | 0.0 | 18.3 ab | 8.3 | 60.5 c |
| Silver Plastic | White | 22.3 | 54.6 a | 22.1 | 3.3 | 10.8 bc | 9.2 | 62.8 bc |
| ***P Value (α = 0.05)*** | | ***0.2638*** | ***0.0195*** | ***0.8560*** | ***0.0756*** | ***0.0179*** | ***0.6060*** | ***0.6060*** |
| Samples, reps | | Data collected from 3 sub-samples of 10 plants in a row per rep, 2 reps. | | | | | | |

[1]First Cut: Heads harvested by grower, cuts no longer "fresh". Second Cut: Heads just harvested by grower, cuts "fresh".

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

[3]Data was transformed using y= arcsin(x/100)^0.5. Non-transformed values are presented.