

Table 8. Swede midge damage assessments in Brassica crops at harvest at **Canticle**, Allegany, NY (Cattaraugus Co.), 2016.

Crop	% SM infestation	% unmarketable	SM Damage Rating Scale (0-4) ¹	
			All Plants	Damaged Only
Front Field: Spring Planting Kohlrabi – Evaluated Jul 2				
Trap Code SP FF kohl (Max Trap Catch: 21 SM/trap/day on Jul 2, 36 SM/trap/day on Jul 15)				
Red Kohlrabi	32.0 a ²	22.0	0.94 a	3.13 a
Green Kohlrabi	88.0 b	24.0	1.72 b	1.95 b
<i>P Value (α=0.05)</i>	0.0000	0.5400 (NS³)	0.0074	0.0012
Data was collected from 5 samples of 10 plants per crop type.				
Front Corner Field: Summer Planting Mixed Brassicas – Evaluated Sep 2				
Trap Code Sum FC mix G2 (Max trap catch: 30 SM/trap/day on Aug 17 & 73 SM/trap/day on Sep 16)				
Broccoli	97.1 a	52.9 a	2.29 a	2.35 a
Kohlrabi	45.7 bc	11.3 b	0.86 b	2.00 ab
Cauliflower	63.3 b	0.0 b	0.63 bc	1.19 c
Red Cabbage	23.3 cd	3.3 b	0.37 cd	1.57 bc
Green Cabbage	0.0 d	0.0 b	0.00 d	--
<i>P Value (α=0.05)</i>	0.0000	0.0006	0.0000	0.0000
Data was collected from 3 samples of 10 plants per crop type in kohlrabi, cauliflower, and red & green cabbage, and from 6 samples of 10 plants in broccoli.				
Middle Field: Fall Planting Mixed Brassicas (kale, cabbage, collards, Asian) – Evaluated Oct 19				
Trap Code FP MF mix (Max trap catch: 5.8 SM/trap/day on Oct 12)				
Collards	60.0 a	0.0	0.65 a	1.08
Red Russian Kale	45.0 a	0.0	0.50 a	1.11
Purple Kale	15.0 b	2.0	0.22 b	1.29
Green Kale	17.5 b	0.0	0.18 bc	1.00
Bok Choy	2.5 b	0.0	0.03 c	1.00
Napa Cabbage	0.0 b	0.0	0.00 c	--
Lacinato Kale	0.0 b	0.0	0.00 c	--
<i>P Value (α=0.05)</i>	0.0000	NS	0.0000*	--
Data was collected from 4 samples of 10 plants per crop type.				
*Data transformed using $y = \sqrt{x}$; Non-transformed values presented.				
Back Field: Fall Planting Broccoli, Cauliflower and Turnips (Evaluated Oct 12)				
Trap Code FP BF broc/caul (Max Trap Catch: 3.6 SM/trap/day on Sep 2)				
Broccoli	87.5 a	40.0 a	1.89 a	2.31
Cauliflower	45.0 b	17.5 b	0.89 b	2.11
Turnips	35.0 b	12.5 b	0.69 b	1.93
<i>P Value (α=0.05)</i>	0.0035	0.0349	0.0000	0.4953 (NS)
Data was collected from 3 samples of 10 plants per crop type.				

¹Swede Midge Damage Rating (Scale 0-4): 0 = no damage; 1 = minor damage; 2 = moderate damage, reduces yield/quality but still marketable; 3 = major damage, head formation but unmarketable; 4 = severe damage, blind head. ²Numbers in a column followed by the same letter are not significantly different, Fisher's Protected LSD test, p<0.05. ³NS: Not significant, according to Fisher's Protected LSD test (α = 0.05), p>0.05.