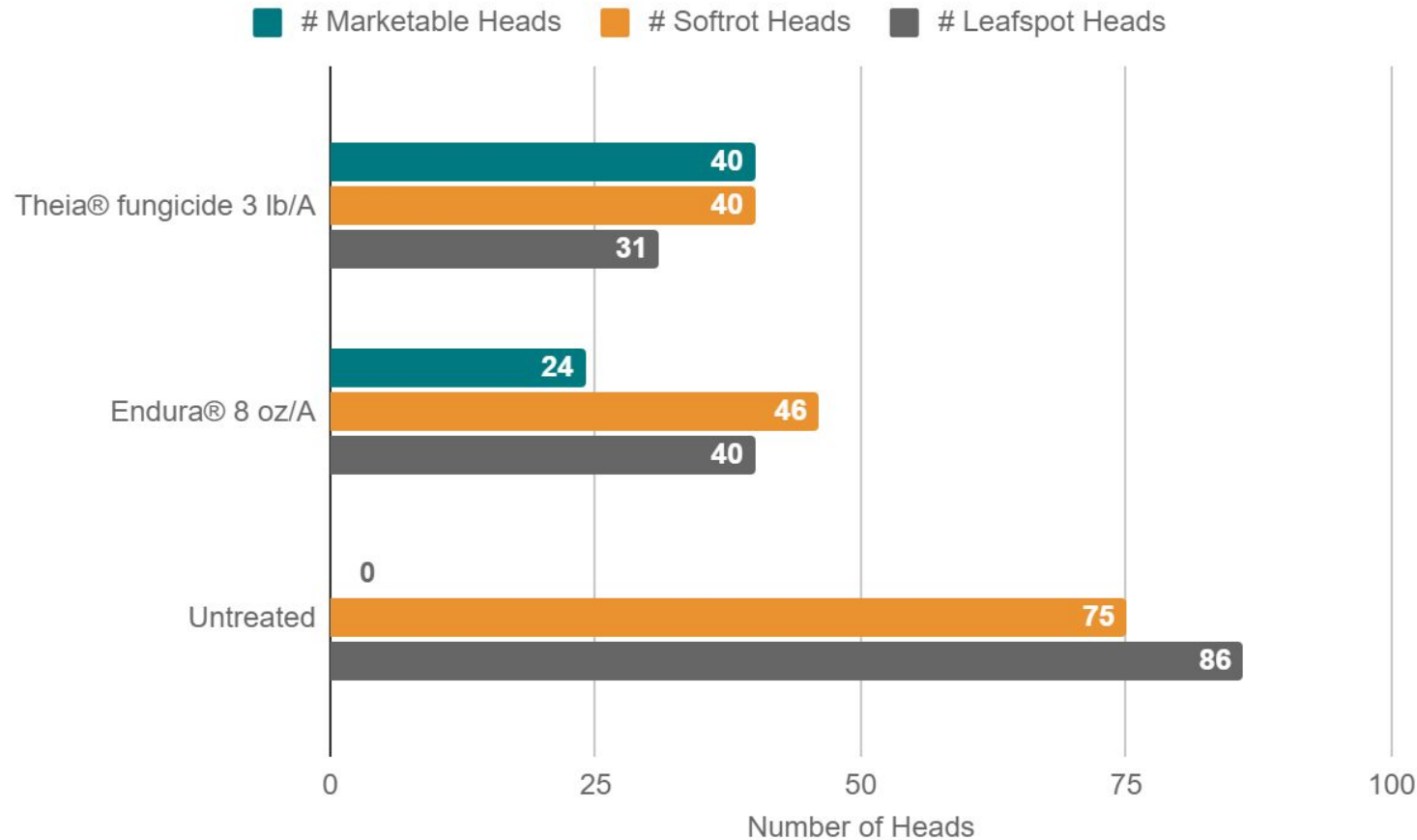


Theia[®] Fungicide- Cabbage Alternaria Leaf Spots and Soft Rot

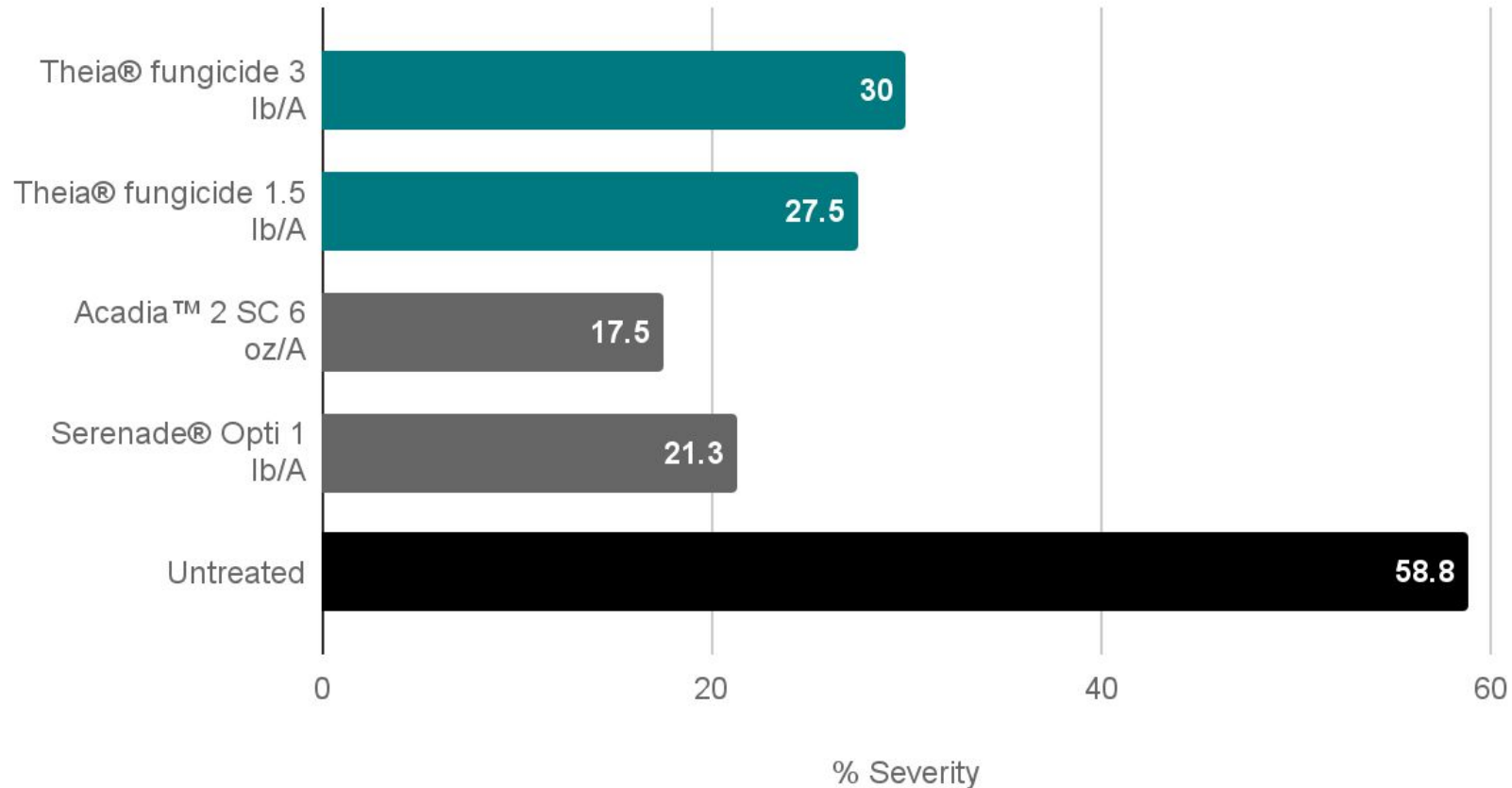


Site. S.A. Miller, OSU NCARS, Fremont, OH, 2021
Cabbage variety 'Cheers' transplanted 14-May
Plots. 1-row x 25-plants space 1-ft apart, RCBD, 4-reps
Plants inoculated with *Alternaria brassicicola* 22-Jun
8-foliar apps 14-Jun to 2-Aug, 55-psi, 41.3-gpa
Ratings. Alternaria leafspot severity (3-Aug) and harvest (9-Aug) - heads with Alternaria leafspot, heads with soft rot, and marketable heads

Theia fungicide provided excellent control

Theia® Fungicide- Cauliflower Alternaria

Average Percent Severity of Alternaria (7DA-C)

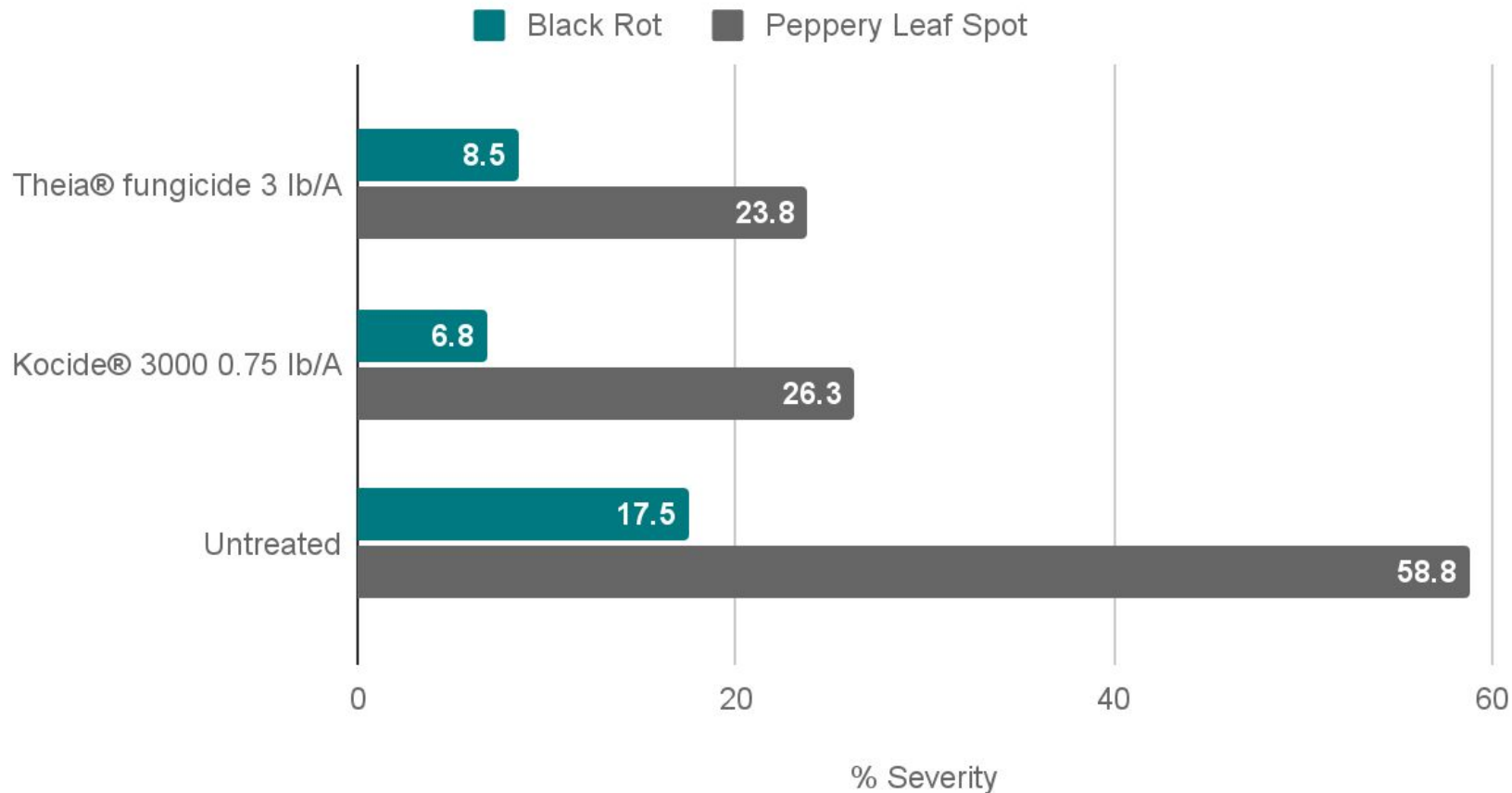


Alternaria brassicicola
Mexico, 2020
4 apps, begin prior to infection.
7 day interval
All trts with NIS adjuvant
No Phyto
P=0.05

Theia fungicide performed similarly to the standards

Theia[®] Fungicide- Collards Bacterial Diseases

Average Percent Severity



Site. S.A. Miller, OSU Research Station, Willard, OH. 2-runs (South & North Field), 2021

Collards transplanted 17-Aug (Black Rot) & direct seeded 20-Jun (PLS)

Black rot rating date Aug 19th; Peppery leaf spot rating date Aug 31st

Plots. 3-rows x 18-in, 4-in spacing South Field & 1-row, 25-plants spaced 1-ft apart North Field

Plants inoculated with *Xanthomonas campestris* pv. *campestris* strain SM070-21 on 9-Aug & 10-Aug. natural infection with peppery leaf spot (*Pseudomonas syringae* pv. *maculicola*)

5-foliar apps (BR) 2-Aug to 30-Aug & 7-apps(PLS) 2-Sep to 12-Oct tractor mounted CO2 sprayer 50-psi, 44.3-gpa

Foliar ratings for disease severity 0 to 100%

Theia fungicide controlled black rot and peppery leaf spot equal to the commercial standard