MICHIGAN STATE UNIVERSITY EXTENSION

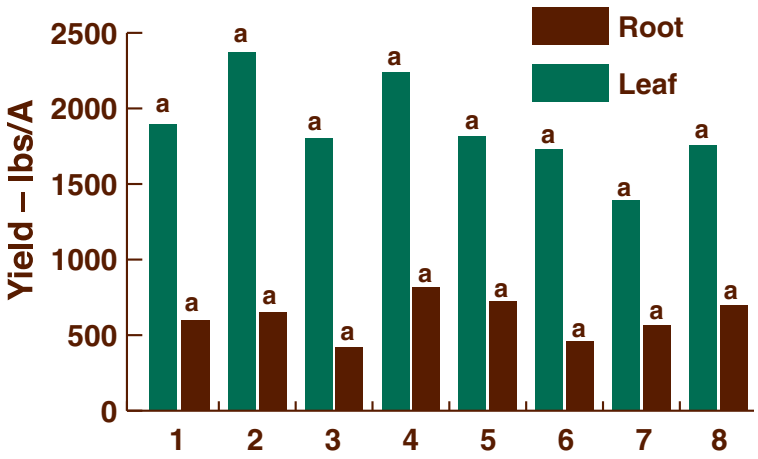
MICHIGAN AGRICULTURAL EXPERIMENT STATION
Michigan State University

Oilseed radish variety trial

Purpose

Evaluate four oilseed radish varieties for seeding rate, leaf and root biomass and population.

County:	Tuscola
Cooperator:	Rich Sylvester
Nearest town:	Fairgrove
Soil type:	
Tillage:	Conventional
Previous crop:	Cucumbers
Planting date:	08/12/03
Fertilizer fall:	None
Herbicide:	None
Harvest date:	11/10/03
Exp. design:	RCB, four replications



Treatment Variety	lbs/A	Leaf lbs/A	Root lbs/A	Population no/ft^2
1. Colonel	10	1894 a	600.4 a	6.6 d
2. Colonel	20	22374 a	653.2 a	10.5 abcd
3. Colonel	30	1805 a	421.6 a	13.9 a
4. Adiagio	10	2238 a	814.3 a	7.8 d
5. Adiagio	20	1815 a	721.6 a	8.8 bcd
6. Adiagio	30	17 31 a	459.7 a	12.9 ab
7. Rimbo	20	1391 a	566.3 a	8.5 cd
8. Common	20	1755 a	700.8 a	12.2 abc
LSD 0.05		1132	469.0	4.0

Results

Leaf and root biomass were not significantly different between seeding rates or varieties. Colonel and Adiagio resulted in significantly more plants/ft^2 when seeded at 30 lbs. versus 10 lbs. per acre. There was no significant difference at 20 lbs. per acre for plant populations between any varieties from 10 to 30 lbs. per acre. Therefore, seeding rates increase in importance only if a farmer desires a greater plant population.

A o E FIELD CROPS TEAM

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