VEGETABLE GERMINATION & YIELDS TEST PROJECT

Radishes, carrots, and kidney beans were grown in a greenhouse under controlled conditions. The results recorded in Tables 1, 2, and 3 demonstrate the observed improvements in germination and yields from the use of Turf2Max.

Table 1 Growth of Radishes in Bixby Sandy Loam Soil

Treatment	% Turf2Max	% Germination	Yield Factor	Size Factor
Control	None	67	-------	-------
Turf2Max	0.02	84	3.2	2.4
Turf2Max	0.10	79	3.9	3.3

Table 2 Effect on Germination for Carrots and Kidney Beans on Bixby Sandy Loam Soil

Treatment	% Turf2Max	Crop Grown	Hills Planted	% Germination
Control	None	Carrots	100	49
Turf2Max	0.02	Carrots	100	66
Control	None	Kidney Beans	100	42
Turf2Max	0.02	Kidney Beans	100	71

Table 3 Growth of Carrots on Oklahoma Chandler Clay Soil

Treatment	%Germination	Total Yield(g)	Yield Improvement Factor	Average Carrot Weight (g)	Weight Improvement Factor
Control	48	2476	-------	23	-------
0.02 %	71	6739	2.72	54	2.4

Turf2Max has been particularly useful in treating fields under cultivation in which plants are growing, newly transplanted, or freshly seeded soils. By treating the areas immediately around the growing plants or planted seeds, effective aggregation of these critical areas can be accomplished without using Turf2Max on the non-productive areas.