

With Rock dust		No Rock dust		Planted	16.08.05
mm		mm		Measured	29.08.05
1	215	1	203		14.84
2	218	2	217		187.83
3	203	3	182		
4	207	4	174		
5	191	5	171		
6	182	6	180	13	Days
	1,216		1,127	89	mm
Ave	202.67	Ave	187.83	7.90	% increase
1	293	1	229		16.09.05
2	261	2	221		34.67
3	295	3	228		237.67
4	250	4	233		
5	272	5	278		
6	263	6	237	31	Days
	1,634		1,426	208	mm
Ave	272.33	Ave	237.67	13.64	% increase
Total gain over 44 days				297	mm

The soil used was, sandy soil from a field around the corner.

A cheap potting soil was added 50/50 % with the sand

A teaspoon of Rock dust was added to each of 6 tomato seedlings

Each seedling was in it's own container

An equal amount of water was given to each seedling

Results

As above, average growth was greater with the rock dust

An equal amount of water was given to each plant

Those plants with the rock dust started flowering first and more abundantly

After a month the plants were not watered again

About a week later the control plants were wilting

At this time the soil was inspected. The control was dry. The other still quite damp

The difference in root volume is quite obvious between the control and Rock dust

TOMATO TRIALS WITH AND WITHOUT ROCK DUST
NOTE ROOT STRUCTURE ON LOWER PICTURE

