ALLELOcarb™ Test 7:

Left tray contains Earthgro[1] (high clay) and grass seed only

Middle tray contains Earthgro[1] (high clay), ALLELOcarb™ G and grass seed

Right tray contains Earthgro[1] (high clay), ALLELOcarb™ GC and grass seed

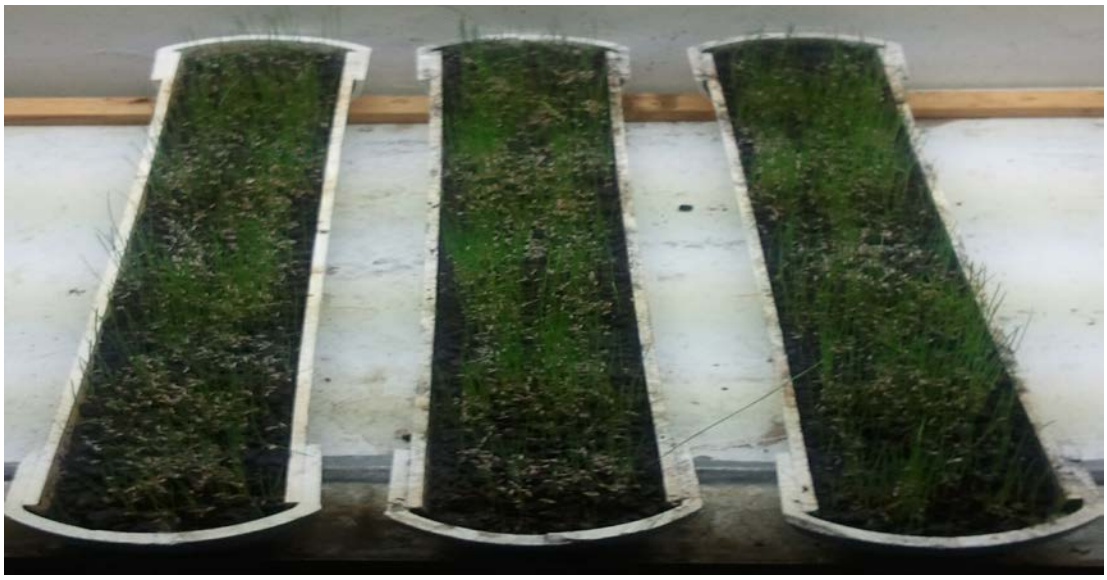
Picture 01

Picture 01 is of the scattering of the seeds across the trays, June 18, 2011.

Picture 02

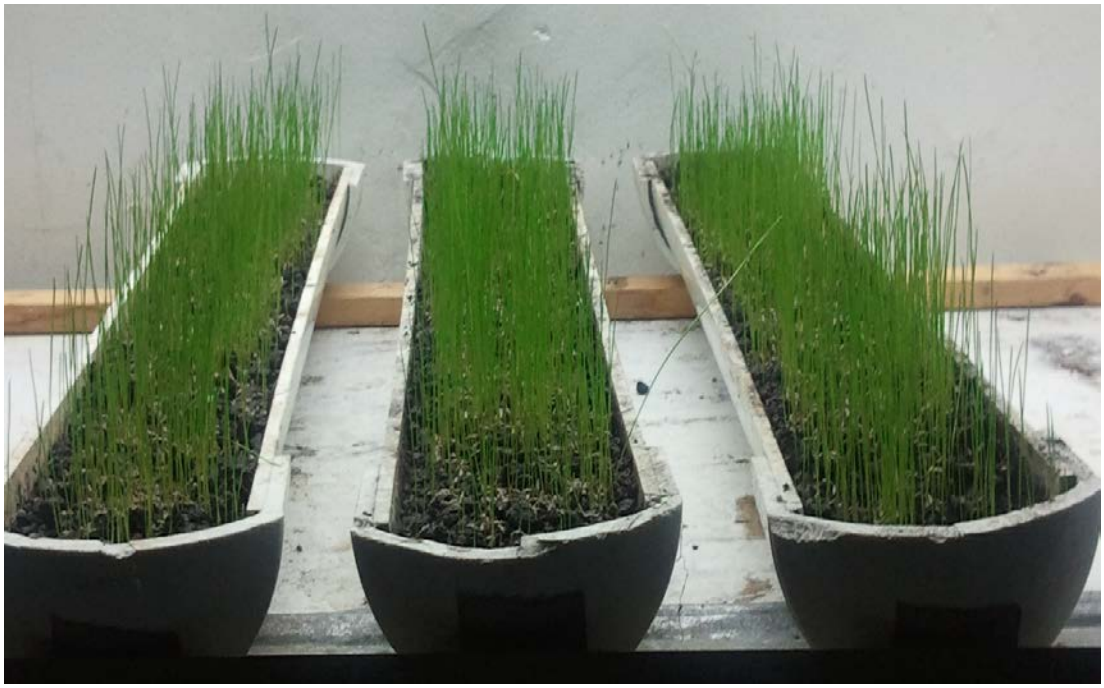
Picture 02 shows the initial germination and sprouting of the grass, June 21, 2011.

Note 1: EarthGro is a product of Scotts Company for the potting of plants and comes is several blends see www.scotts.com for further information.



Picture 03

Picture 03, is an end shot of the three trays taken on June 25, 2011 after germination.

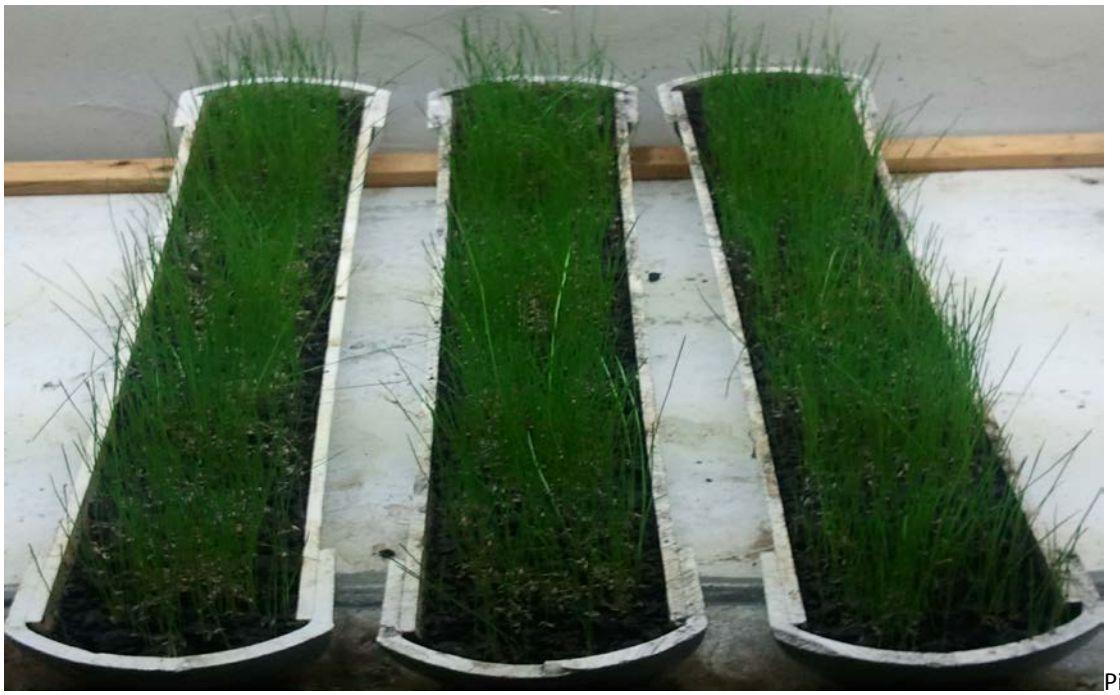


Picture 04

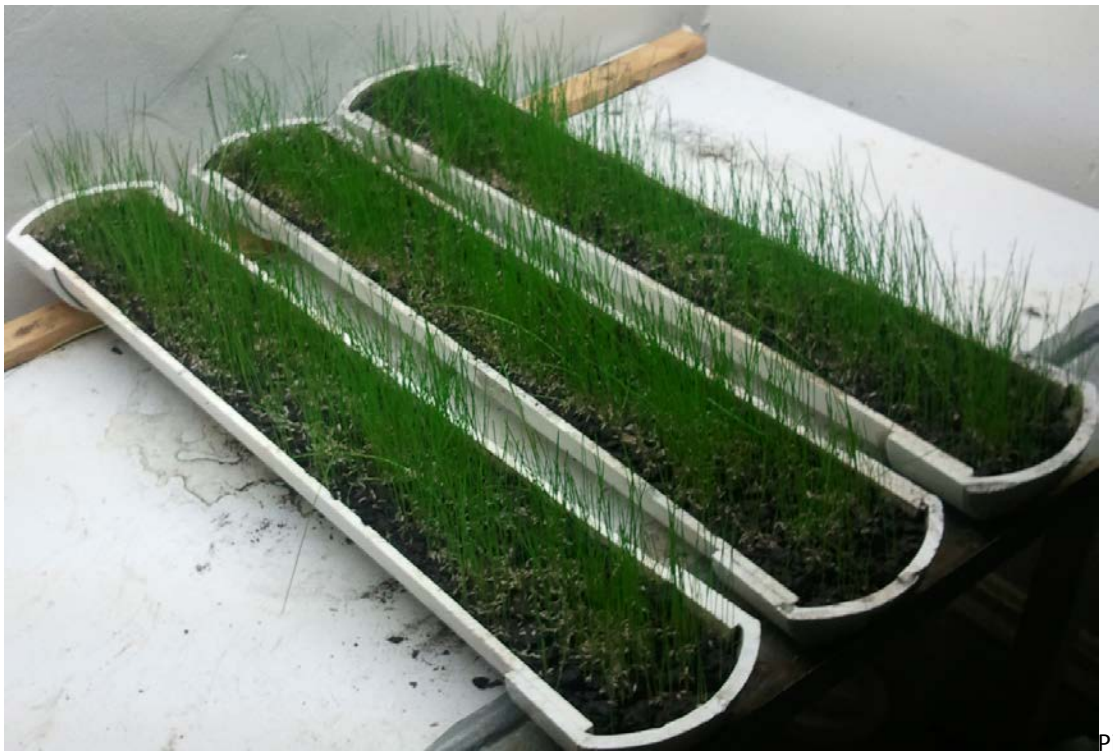
Picture 04, is an end shot of the three trays taken on June 26, 2011.


Picture 05

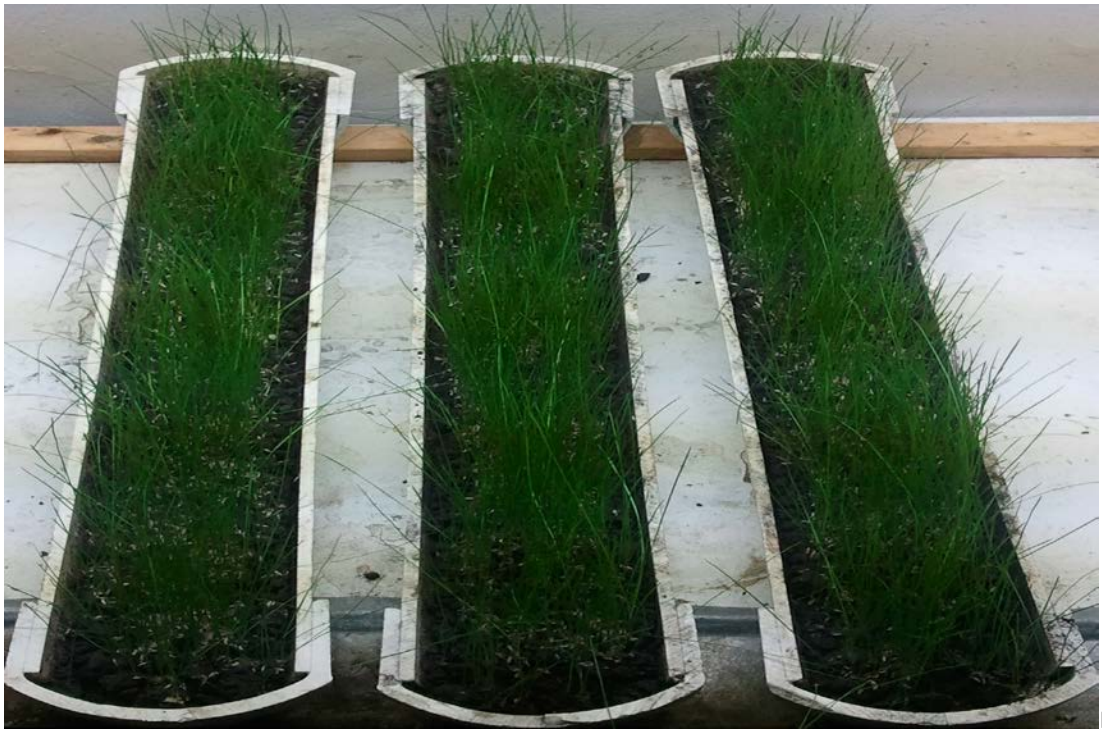
Picture 05 was taken from the right side of the trays on June 26, 2011.


Picture 06

Picture 06 is overview was taken on June 30, 2011.


Picture 07

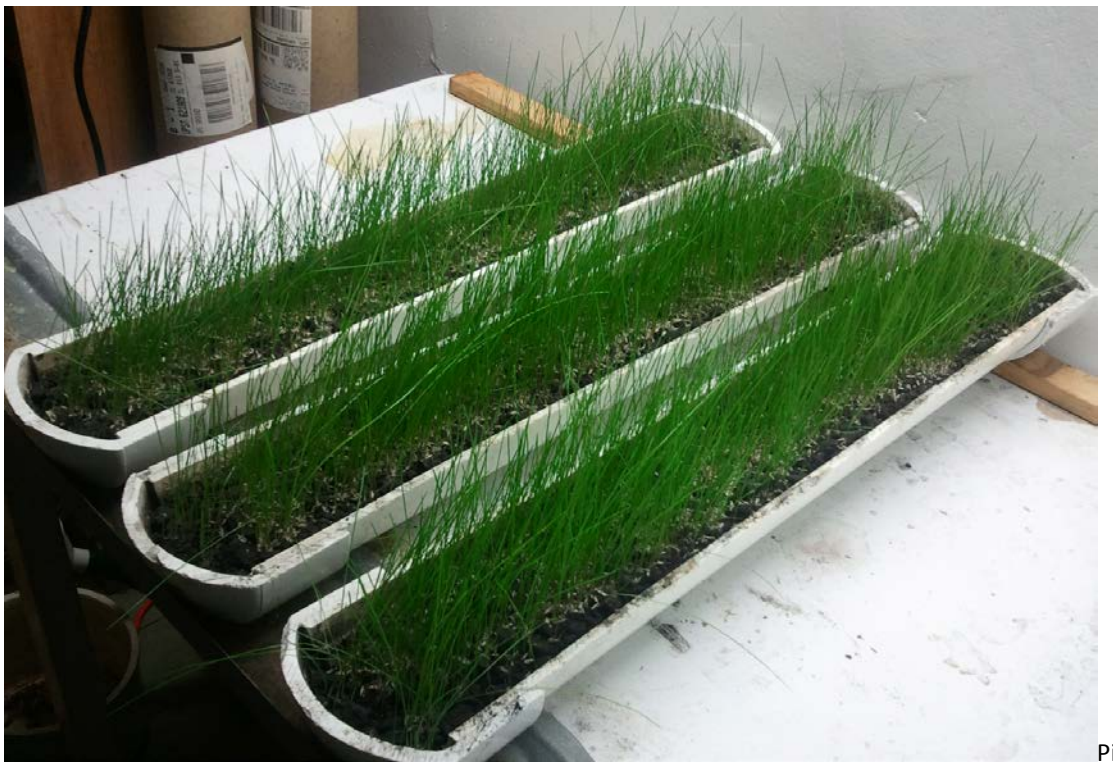
Picture 07 is a side view taken on July 07, 2011


Picture 08

Picture 08 was taken from above on July 07, 2011.


Picture 09

Picture 09 was taken from the left side on July 07, 2011.


Picture 10

Picture 10 was taken from the right side on July 07, 2011. The center and right tray contain ALLELOcarb.


Picture 11

Picture 11 was taken from above on July 08, 2011

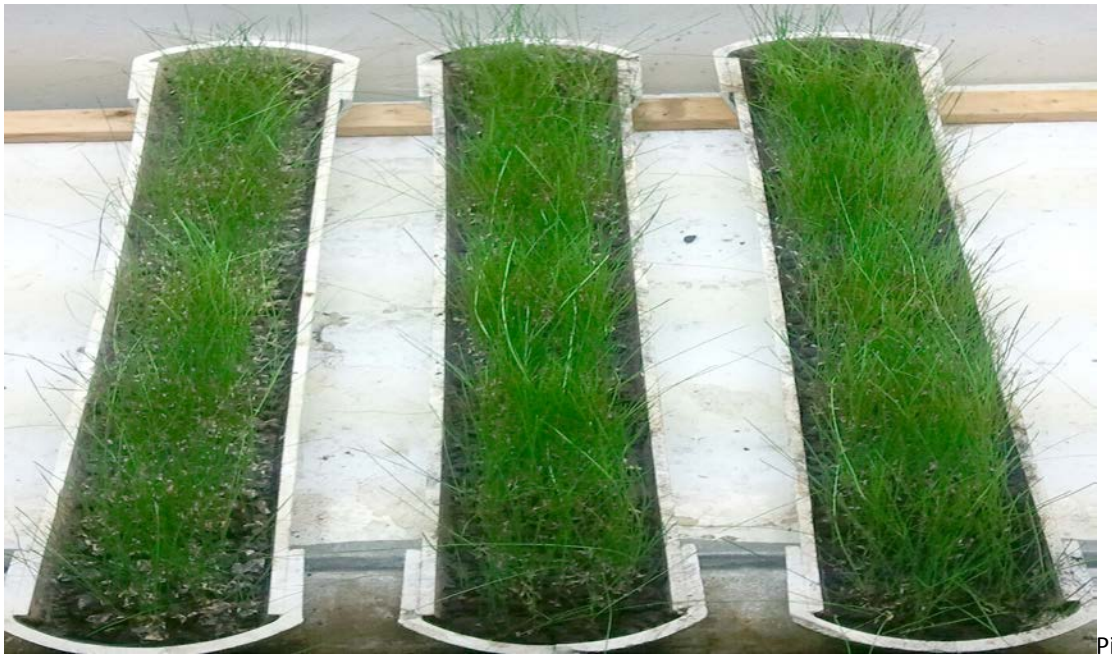

Picture 12

Picture 12 was taken from the right side of the trays on July 08, 2011.


Picture 13

Picture 13 was taken from the right side of the trays on July 08, 2011.

Watering the grass seems to mat it, even though there is a significant difference between the trays. Please note the significance is not as dramatic as in test 6. I worked the Earthgro (with clay) more in this test than I did not test 6. Working (tilling) makes a difference. However, still the trays with the ALLELOcarb™ demonstrate better growth than the tray with the potting soil alone.


Picture 14

Picture 14 was taken on July 08, 2011, and again easy to see that ALLELOcarb™ G and ALLELOcarb™ CG are thicker in density and with better coloring than the EarthGro (high clay) alone.

Picture 15

Picture 15 is taken from the right side on July 13, 2011

Picture 16

Picture 16 is from the left side taken on July 13, 2011.

I ended the test today and will have shots of the Roots included.

Picture 17

Picture 17 was taken on July 13, 2011

The top dirt roll show the root system of the grass planted in EarthGro, and ALLELOcarb™ GC

The middle dirt roll show the root system of the grass seed planted in EarthGro, and ALLELOcarb™ G

The lower dirt roll show the root system of the grass seed planted in only EarthGro.

The test confirmed the previous tests; the ALLELOcarb™ G enhances the sold to provide better knitting of the grass to the surrounding dirt.

Observations: 1) I needed verify the results of previous tests so I decided to work the Earthgro the same in all three test trays. In past tests the EarthGro potting soil was scooped into the plastic trough and then evened out but not further tilled. The clay rich EarthGro (this EarthGro was of a slightly different consistency that in past tests) used during this test required chopping up of the clay balls tilling the soil. I tilled the dirt in the EarthGro, control, tray as much as the mix in the other trays. In earlier tests EarthGro potting soil was tilled, but the amount of preparing was not as significant as the cultivating of the ALLELOcarb™ trays. The reason the ALLELOcarb™ was tilled more is that it had to be homogenously mixed into the soil. However, in this test all the trays were cultivated equally. I observed similar results as in previous tests confirming that tilling was not a significant factor to our test results.

The control verses the test trays demonstrated that trays with the ALLELOcarb™ allowed for good germination of the grass in them, while the tray with the EarthGro did not allow homogeneity of new sprouts across the surface of the tray. However, over time the control tray caught up to the experimental ALLELOcarb™ trays to about 90 percent of their color and density. However, in a few days the control tray stopped producing new grass from the seeds while the trays with the trays with the ALLELOcarb™ did not stop producing new shoots.

2) The root structure for the ALLELOcarb G and GC plants proved much sturdier root system than the grass planted in EarthGro Potting soil alone.

3) ALLELOcarb™ GC promotes good germination, however, the ALLELOcarb™ G appeared to provide a more substantial root system for the grass. Further testing of various ALLELOcarb™ formulas is required. We will blend various ALLELOcarb™ formulas to achieve optimal seed germination as well as to promote root growth.

Author's note: There have been several tests completed since July 2011. The results of those tests confirmed that the ALLELOcarb™ products benefited the germination, root development and growth of grass even when the base media is a rich potting soil such as EarthGro by Scotts.