

## fast growth technology (FGT-1)

- 1. Prepare ground** - ground thoroughly mixed to obtain a homogeneous composition  
– no photo.
- 2. Preparation of wheat seeds** - thorough mixing of seeds for the averaging of their composition  
– no photo.
- 3. Preparation of equal conditions.**

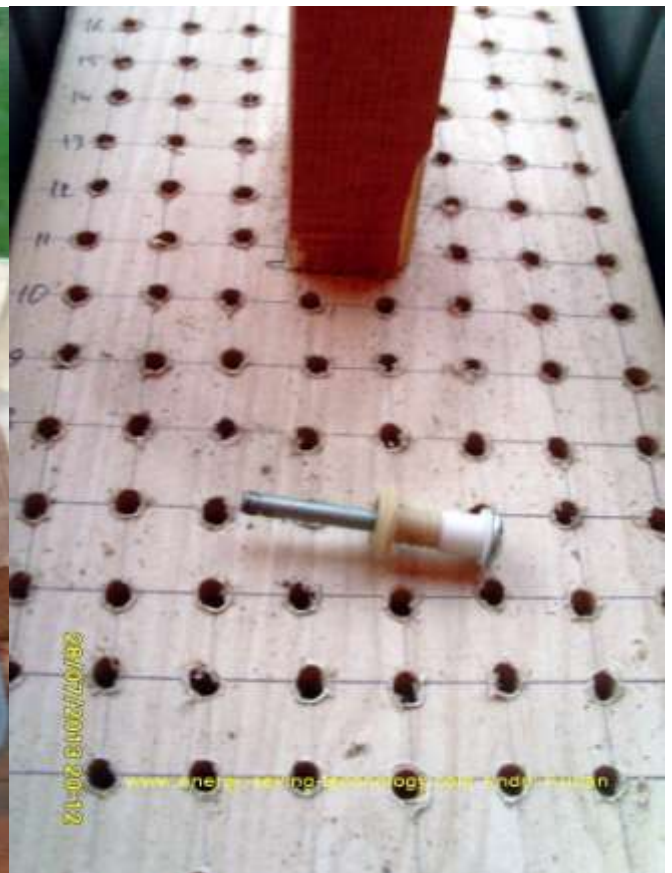
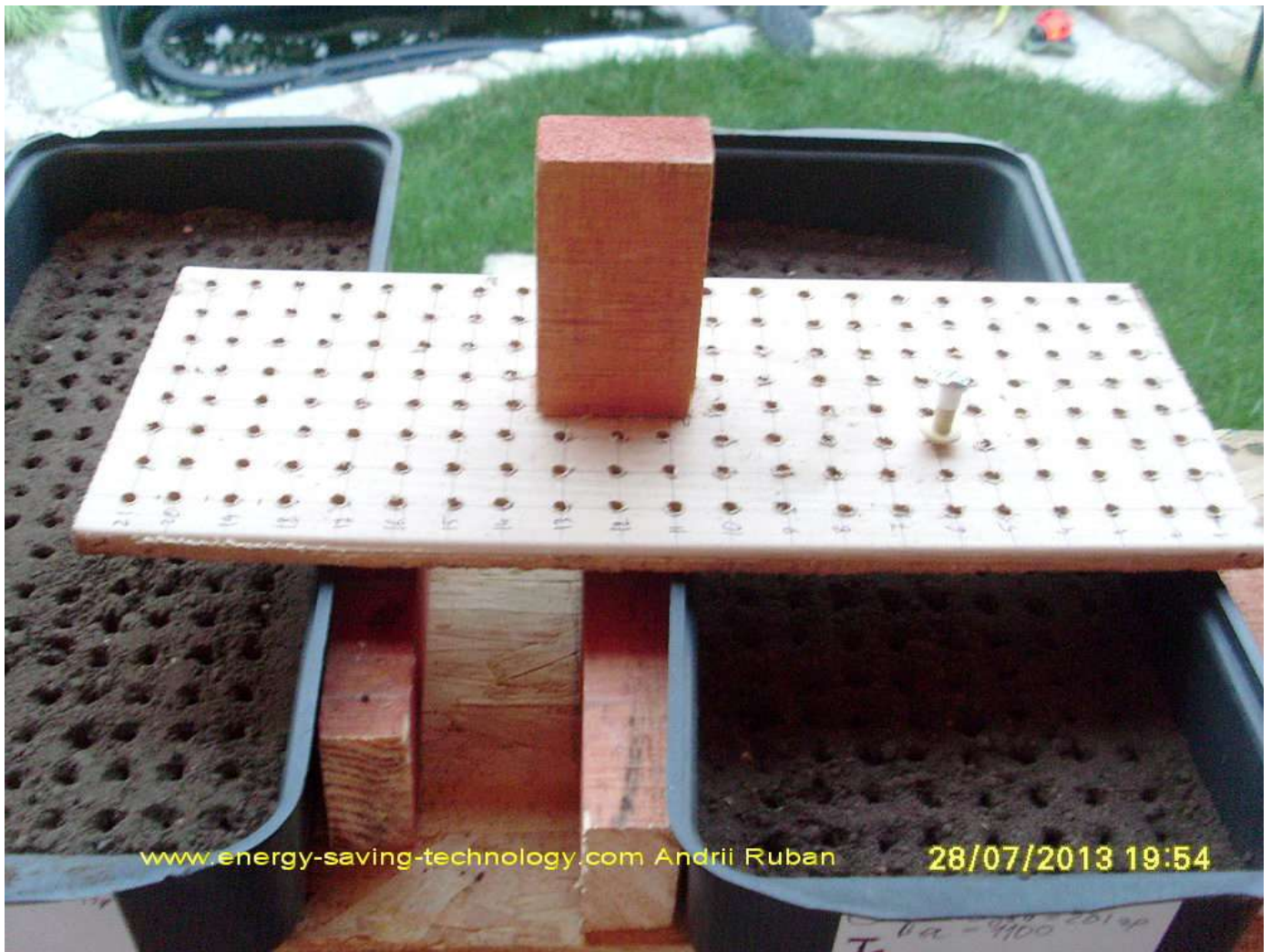
The same amount of ground (precision 1 gram).  
The same number of seeds = 162 seeds.  
Same distance between seeds.  
The same depth planting of seeds.  
The same water - the source of household water supply.  
The same amount of water - precision dosing 0.5 grams.  
Synchronous watering.  
Watering the seeds through a spray.  
One seat for two cassettes.  
Planting - the same time.  
Place of - Cherkasy, Ukraine, August 2013.  
The date and time the photographs are real.

**no fertilizers or growth stimulants  
are not used  
just ordinary water ...**

**acceleration of growth.  
increase amount green mass by 20%**







Start - the first irrigation 27.08.2013 - 19:57





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28/07/2013 19:57



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28/07/2013 20:11









first shoots





Sample 1 - the standard growing





Sample 1 - the standard growing - count the number of the first sprouts = 16.





Sample 2 - fast growth technology





Sample 2 - fast growth technology- count the number of the first sprouts = 36.





**Sample 1 ( standart )**



**Sample 2 ( fast growth technology )**





**Sample 1 ( standart )**

**Sample 2 (fast growth technology )**





Sample 1 ( standart )



Sample 2 ( fast growth technology )







Sample 1 ( standart )

Sample 2 ( fast growth technology )







Sample 1 ( standart )

Sample 2 ( fast growth technology )







Sample 1 ( standart )

Sample 2 ( fast growth technology )







Sample 1 (standart)





Sample 2 (fast growth technology)





**Sample 1 (standart)**



**Sample 2 (fast growth technology)**





**Sample 1 (standart)**



**Sample 2 (fast growth technology)**





**Sample 1 ( standart )**

**Sample 2 ( fast growth technology )**







**Sample 1 (standart)**



**Sample 2 (fast growth technology)**





Sample 1 ( standart )

Sample 2 ( fast growth technology )







**Sample 1 (standart)**

**Sample 2 (fast growth technology )**





Of course there are no miracles, we can to change the structure of water in the stream at a rate from the 1 per hour up to ... 100 tons. This is not a magnet and cosmic rays. This works for a long time and reliable. Please – pH and TDS (ppm).

Sample 1 (standart)



Sample 2 (fast growth technology)



and ORP ( mV)



this water provides for plants a higher level of absorption of minerals. so, as You see - our plants grow faster and it is a proven fact



**Time to harvest. Seeds are planted very close, our plants is difficult to increase your weight ...**



**Sample 1 (standart)**

**Sample 2 (fast growth technology)**







weigh containers





carefully cut away each germ and weigh several times  $64.92 - 57.50 = 7.42$  grams







weigh containers







carefully cut away each germ and weigh several times  $66.53 - 57.51 = 9.02$  grams







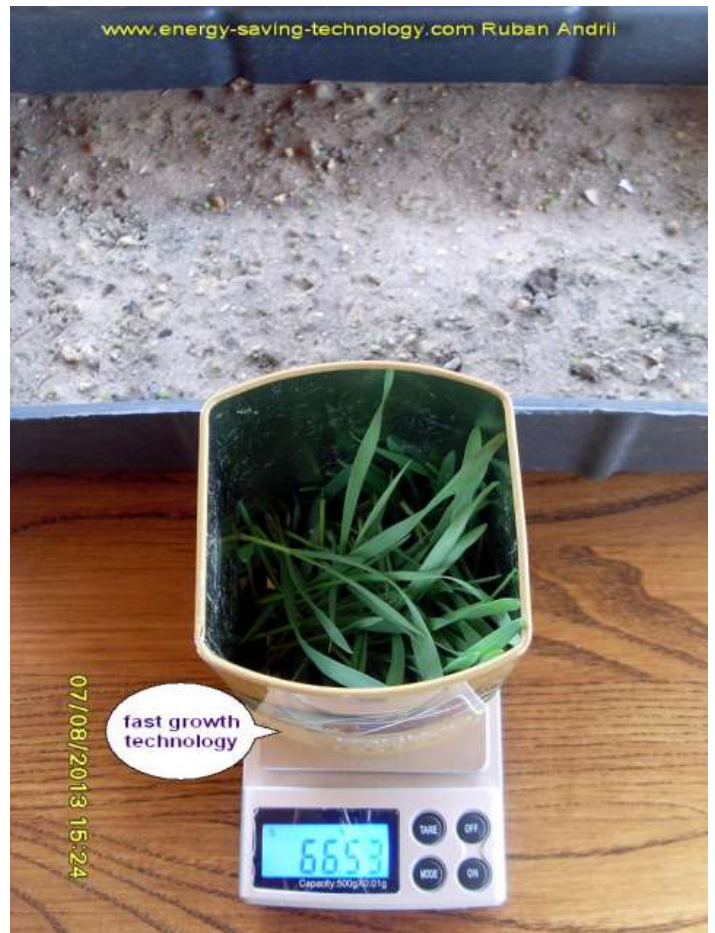
crop is harvested carefully - each sprout was cut individually...

**7.42 grams**

**9.02 grams**



accuracy = 0.01 grams



effect of increasing the green mass = 121.56 %





visual evaluation the root system





**control the same amount of ground**





## some mathematics

1. Seeding rates from different climatic zones from 3.5 to 7 million seeds per 1 hectare.
2. We planted 162 grains.  
Fast growing technology gave an increase in 1.60 grams per 162 grains.
3. The increase in green mass on 1 hectare, depending on the number of grains will be + 34,568 - 69,136 kg. per each hectare. An average of 50 kg. per hectare.

## short conclusion

All terms and conditions equal. Land, seeds, amount of water, sun ...  
Fertilizers or growth stimulants are not used. The energy of space - as well.

We wanted to show in practice that we are able to increase the amount of green mass.  
And this is only the first experience.  
One of the most primitive of our technologies in this field. This works.

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We are so loved our germs that did not want to kill them. We got a ground plate with the remnants of roots to the trays, and added water again.

But that's another story ...

Andrii Ruban. 08.08.2013

