

Testing report on the effect the growth of corn of green algae polysaccharides

Report record : Mrs. Lin Sang Zoo Report preparation:Mr. Victor Tsai

1. Test time : From July 6,2017 to Stember 7,2017

2. Test location : Nantou County Taiwan R.O.C

3. Test materials and methods :

3.1 Test materials : Test with green algae polysaccharides.

3.2 Test crop : corn

3.3 Test design :

The farmer selected 100 strains corn samples as a test group.The corn shall be about 60 days from planting to harvest. After 30 days of planting, the test group was sprayed 2,500 times diluted with green algae polysaccharide every seven days, and the test group sprayed 4 times until harvest. The corn farmers were originally expected to start harvesting on September 7, but the test group had harvested one week earlier.

4. Test conclusion analysis :

Sprinkling of corn leaf green algae polysaccharide test results show that :

(1) Appearance :

Compared with the control group, the obvious foliage in the test group grew lush, crisp , dark green, and the growth was faster (such as photos 1, 2, 3 ,4); The control group had about 2-3 spikes per plant, with an average of 4 spikes per plant in the test group. The average number of ears per one corn was 4 ears in the test group, more than 60% that of the control group (such as photos 5,6)

And the test group of corn grains than the control group full (such as photos 7,8).

Corn cooked, such as 9,Tthe upper photo is the control group, the bottom is the test group, The test group of corn grain compaction compared with the control group are very different.

And the test group of corn than the control group a week earlier harvest

(2) Taste :

After the corn is cooked, The test group has the characteristics of elasticity, water enough and slight sweetness; The control group taste inelastic, no sweet, both very different.

(3) Production capacity : 產能 :

(a) Select the length of the size of the test group and the control group of corn weight scale, the weight of the test group of corn scales 192 grams, the control group weighing 154 grams, the difference between the two amounts to 24.67%.

(b) Each test group plant than the control group corn more 60%. Together with each corn, the weight was increased by 24.67%, and the total yield was estimated to increase by 99.4%, calculated as follows:

2-3 ears per plant in the control group: $(154 \text{ grams} \times 2 + 154 \text{ grams} \times 3) / 2 =$ average yield per plant 385 grams

Test group 4 spikes per plant: $192 \text{ grams} \times 4 =$ average yield of 768 grams per plant
 $(768 \text{ grams} - 385 \text{ grams}) / 385 \text{ grams} = 99.4\%$

This is very alarming data for food.

photo :

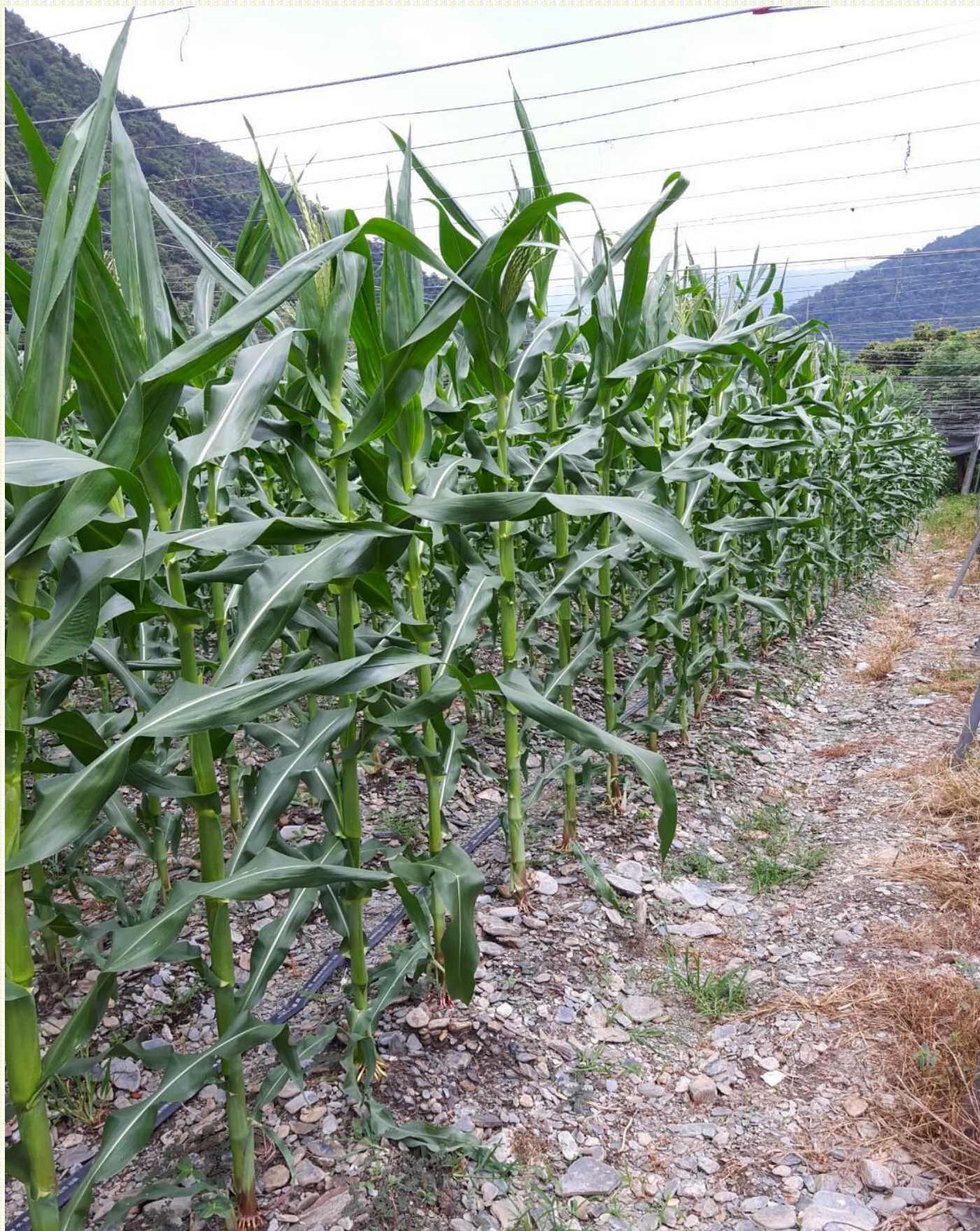
Test group _1



Test group _2



Control group _3



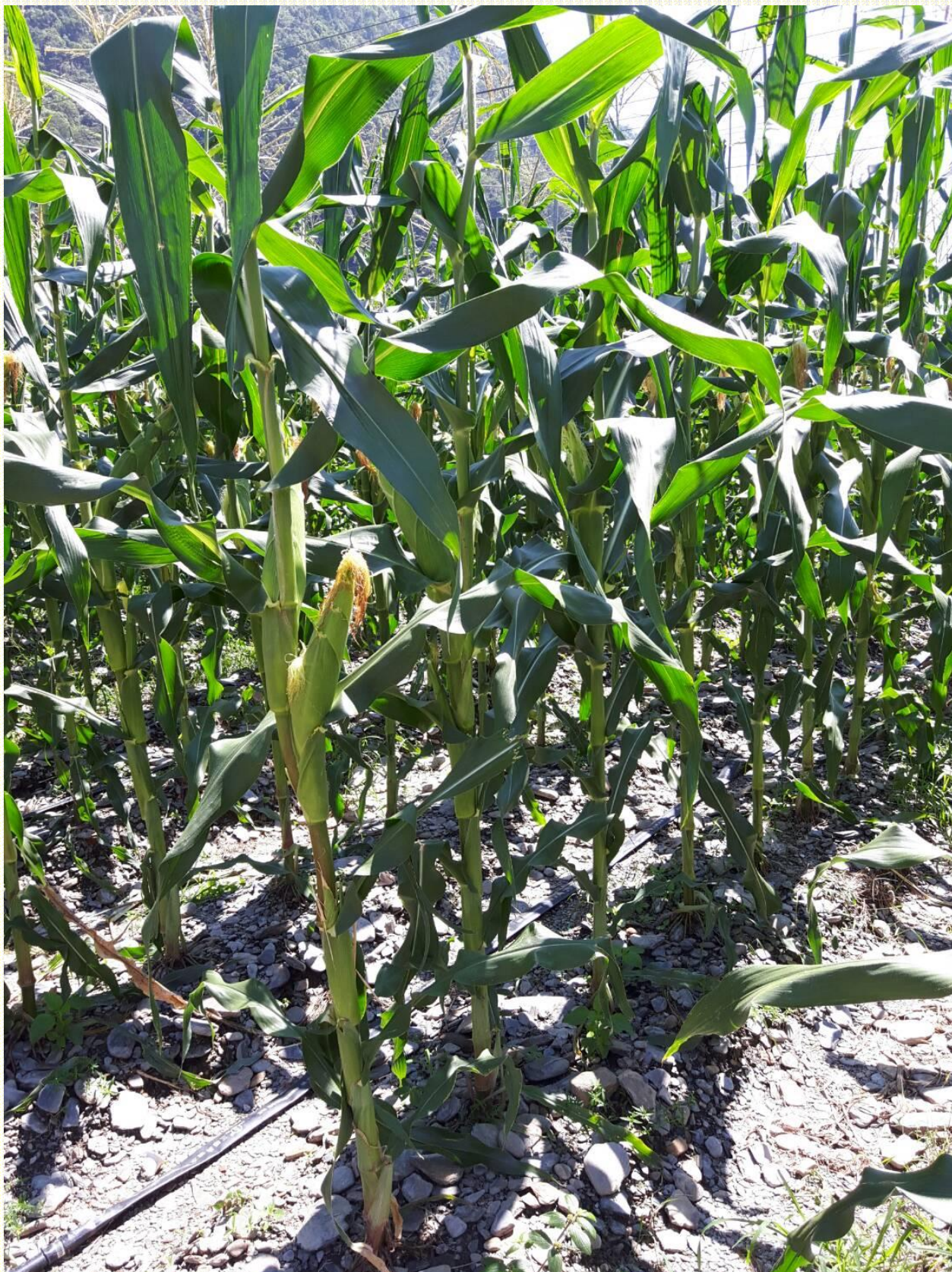
Control group _4



Test group _5 (Spike)



Control group _ 6



Test group _7



Control group _8



The test group compared with the control group_9
(The upper is the control group, the lower is the test group)



Test group_10



Control group_11

