

The Most Recent Case of Study

CASE STUDY REPORT RICE FIELD TEST (LONG FINE RIBE)



CASE STUDY REPORT

RICE FIELD TEST (LONG FINE RIBE)

- A field of about 5 hectares has been chosen, located in Lomellina (North of Italy)
- The area is cultivated with rice "Oryza Sativa" cultivar RIBE (type "Lungo Fino"), for a purpose comparative was assigned to the field a portion of about 36/48 m wide
- The useful strip is agricultural machinery has been taken into consideration, therefore the portion or surface covered by the experimentation is obtained from the length of the field of about 280 m
- For the strip indicated above a starting from the embankment of the irrigation canal on the right side of the lot, on which there is a tree, as shown in the photo aerial; therefore the area corresponds approximately to 1 / 1.3 ha

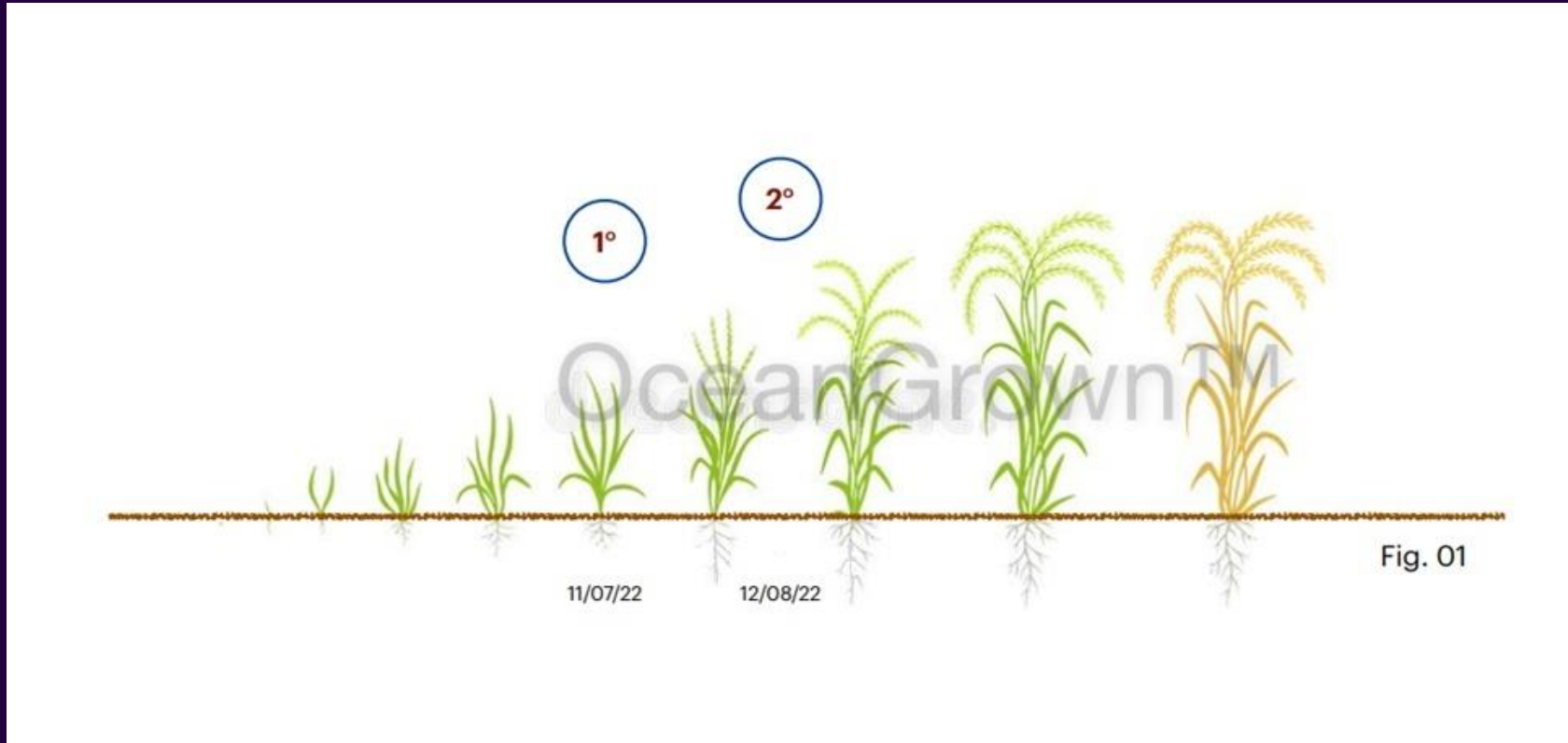
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- The variability of the treated surface is given precisely by the impossibility of having just one machine
the agricultural standard for the different steps
- In the description of the experiment carried out, each step carried out with the related surfaces treated and the reference data will be specified

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Above (Fig. 01) we have reported the cultivation time-line summarizing the agrotechnical steps and Product administrations.

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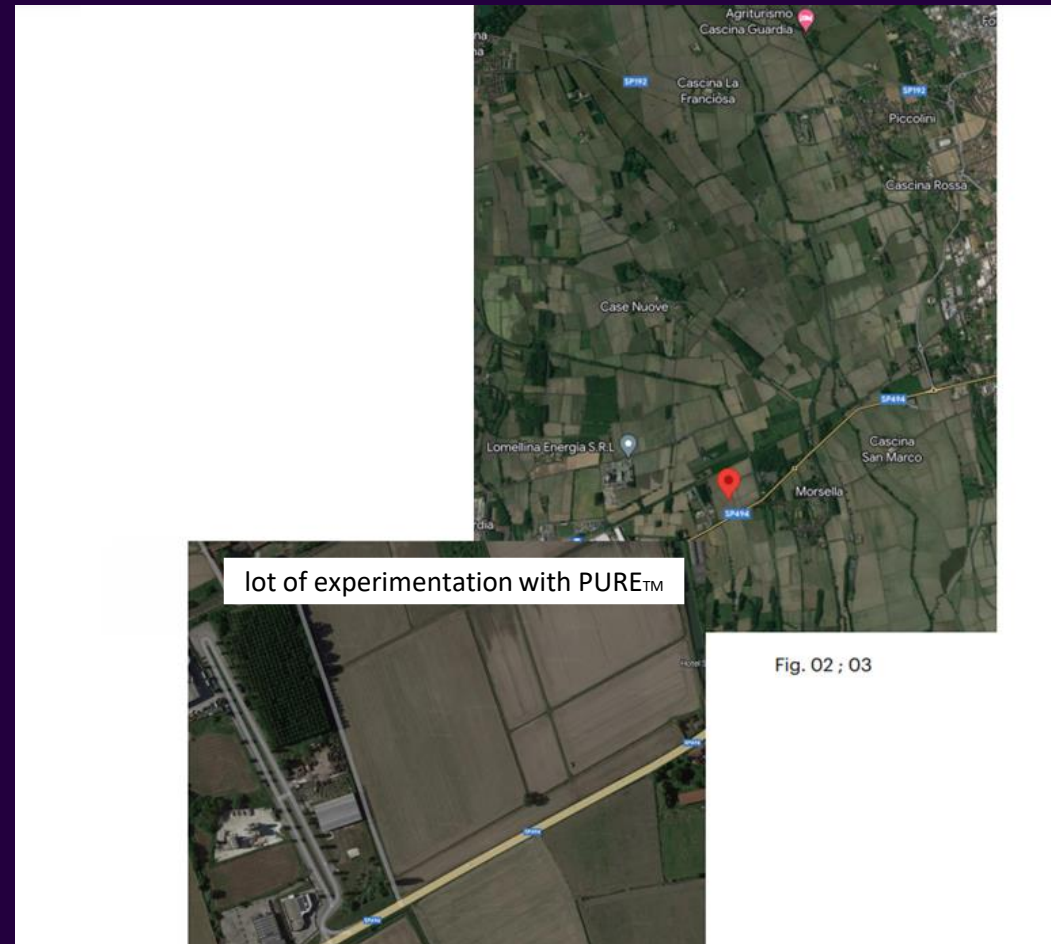


Fig. 02 ; 03

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Fig. 04



Fig. 05; 06

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Perspective photo of the treated area
20/08/2022



Fig. 07; 08

Perspective photo of the untreated area
20/08/2022



Fig. 09

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Fig. 10

TREATMENT DATA 1

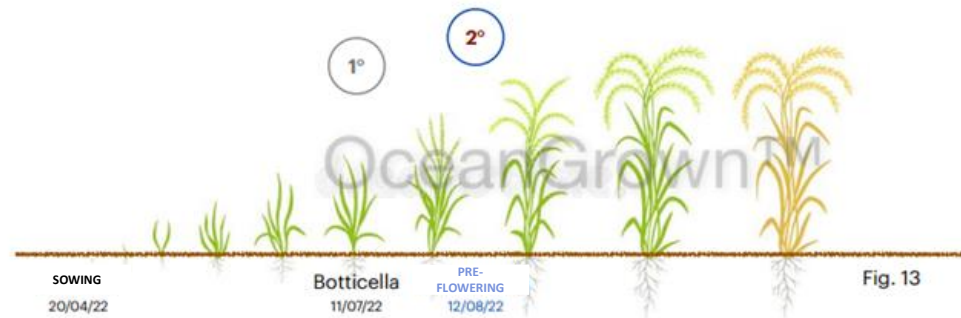
| | | |
|---------------|------------------------------|--------------|
| LENGHT | 36 m | |
| WIDTH | 282 m | |
| SPRAYED AREA | 1 ha | |
| PHASE | END OF BOTTICELLA INVAIATION | 11/07/2022 |
| DOSAGE | 1 L / 100 | 3 Litri pure |
| TOTAL SPRAYED | 300 Lit /ha | 300 Lit |
| | | |
| | | |
| | | |



Fig. 11; 12

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TREATMENT DATA 2

| | | |
|---------------|--------------------|--------------|
| LENGHT | 48 m | |
| WIDTH | 282 m | |
| SPRAYED AREA | 1,33 ha | |
| PHASE | Pre - flowering | 12/08/2022 |
| DOSAGE | 1 L / 100 | 6 Litri pure |
| TOTAL SPRAYED | 450 Lit /ha | 600 Lit |
| | | |
| | | |
| | | |



Fig. 14; 15

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COMPARATIVE REPORT



Photo of ear in the treated area
20/08/2022

Photo of ear in the untreated area
20/08/2022

VISUAL COMPARISON



Fig. 16; 17

CASE STUDY REPORT

RICE FIELD TEST (LONG FINE RIBE)

SAMPLE DATA COLLECTED IN THE TREATED AREA 20/08/2022

| LENGTH (C1 cm) | WEIGHT C1 g |
|----------------|-------------|
| 17.00 | 6.00 |
| 20.00 | 5.58 |
| 19.00 | 5.95 |
| 22.00 | 7.05 |
| 20.00 | 6.73 |
| 20.00 | 7.89 |
| 19.00 | 6.88 |
| 17.20 | 6.02 |
| 19.00 | 6.02 |
| 21.50 | 5.47 |

SAMPLE DATA COLLECTED IN THE CONTROLLED AREA 20/08/2022

| LENGTH (C2 cm) | WEIGHT C2 g |
|----------------|-------------|
| 16.00 | 5.00 |
| 19.70 | 5.03 |
| 19.00 | 5.39 |
| 19.00 | 5.16 |
| 20.00 | 5.42 |
| 19.00 | 4.88 |
| 19.00 | 5.91 |
| 17.00 | 5.38 |
| 20.00 | 6.22 |
| 11.50 | 3.49 |



CASE STUDY REPORT

RICE FIELD TEST (LONG FINE RIBE)

SAMPLE DATA COLLECTED IN THE TREATED AREA 20/08/2022

| | LENGTH C1 cm | WEIGHT C1 g |
|---------|--------------|-------------|
| AVERAGE | 19.47 | 6.36 |
| MEDIAN | 19.50 | 6.02 |
| MAX | 22.00 | 7.89 |

SAMPLE DATA COLLECTED IN THE CONTROLLED AREA 20/08/2022

| | LENGTH C1 cm | WEIGHT C1 g |
|---------|--------------|-------------|
| AVERAGE | 18.02 | 5.19 |
| MEDIAN | 19.00 | 5.27 |
| MAX | 20.00 | 6.22 |

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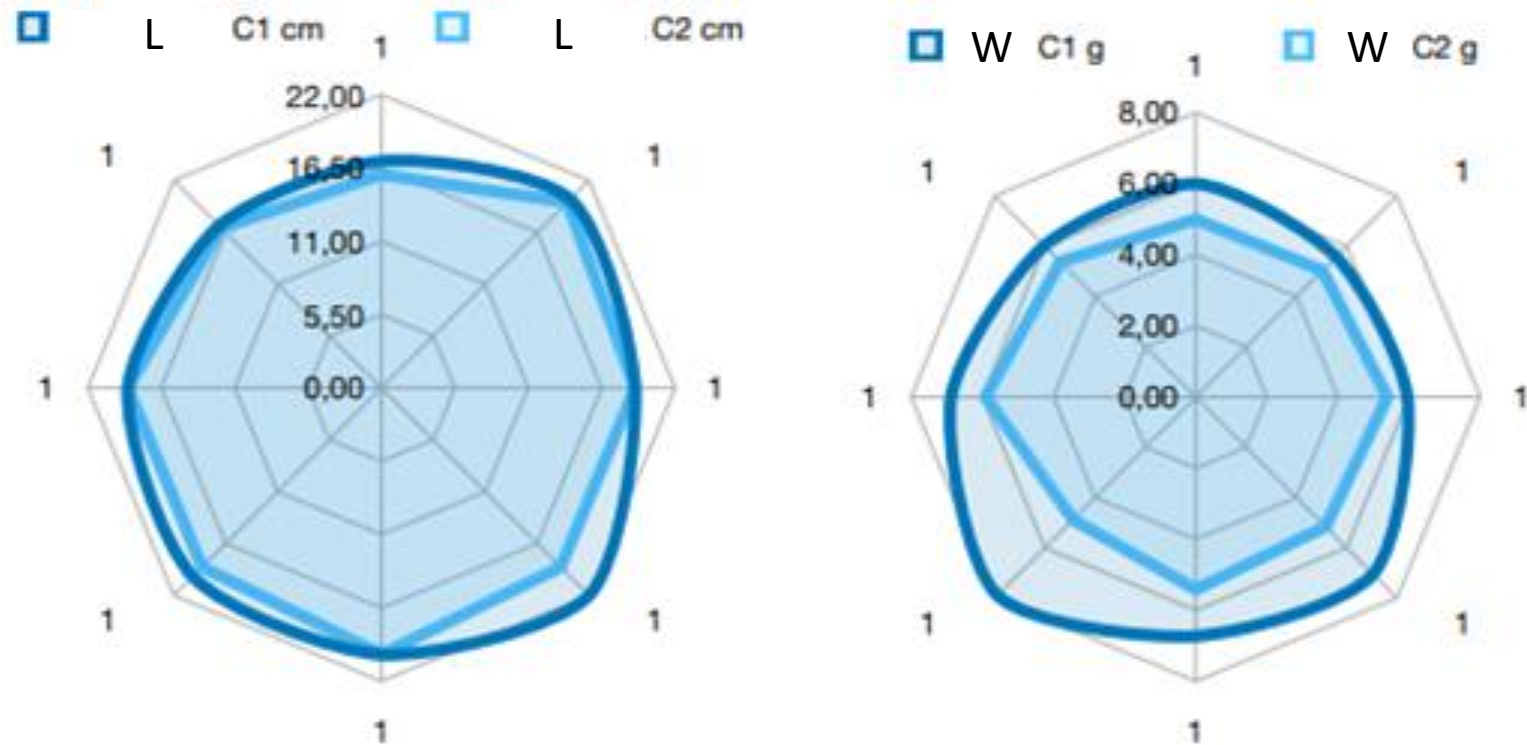


Fig. 20; 21

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RICE FIELD TEST (LONG FINE RIBE)

Ear photo in the treated area
08/20/2022

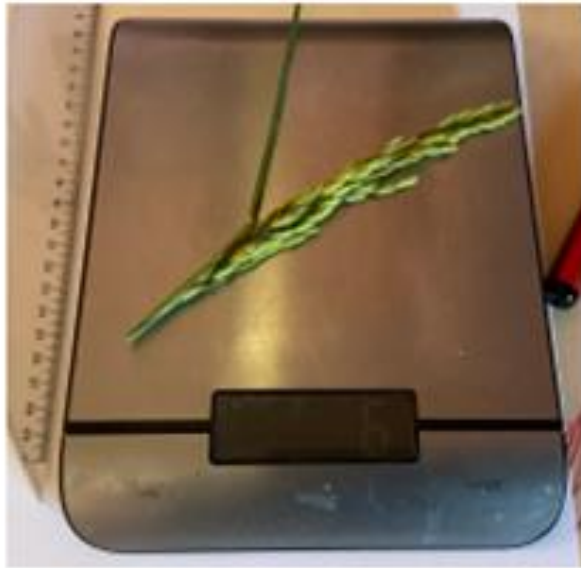


Fig. 22; 23



Fig. 24; 25

Ear photo in untreated area
(control area)
08/20/2022

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- Total dimension of the field: 5 ha
- Total dimension of the field treated with Oceangrown PURE™ 1 ha
- Based on the data provided, the usage of Oceangrown PURE™ has increased the quantity of production by 20%
- High-quality products can be placed into the market as certified with a classification that can be considered more than the usual Organic/NON GMO.
- No treatments with pesticides, fungicides, or other chemicals were required
- Certified ORGANIC+ by Oceangrown™ with the patronage of the University of Guelph

