

REPORT n.6 /2016

Influence of the use of SERENITY on rooting and consequent "Starter" effect in wild rocket cultivated in protected cultivation.

Premise

The Piana del Sele it is the range from which, in the autumn-winter period, the great majority of leafy vegetable are destined to be distributed throughout Europe, it is among other things the cradle of the IV range where the totality of the players establish supply contracts. The mitigation due to sea breezes, connected to the protection of the Appennine belt, make it a suitable area with a particular microclimate.

Description of the test

The test was conducted at the Agricultural company Terre del Sud, which is part of the "La Maggiolina" producer organization. For the producers of baby leaf, the month of October turns out to be crucial for the management of the cultivation schedules; the success of the rocket sowing, called in fact "definitive" will allow a succession of mowing that will last until the end of February, thus ensuring the production pin the winter, typically more critical for such productions.

The test was conducted on a greenhouse parcel extended for 1.000 square meters. The sowing was carried out on 18 October 2016 with a pneumatic seed drill at a dose of 5 Kg/hectare of seed.

Tu ensure an effective start effect, the administration of SERENITY was conducted as follows

In detail, the fertilizations (both radical and foliar) performed, were conducted according to the following scheme:

BEFORE ADMINISTRATION - FERTIGATION (at the sowing)

DATE intervent	Dose SERENITY
18/10/2016	300 ml / 1000 mq

SECOND ADMINISTRATION - FOLIAR (at the stadium cotiledonare)

DATE intervent	Dose SERENITY
24/10/2016	200 ml / 100 liters of water

Observed results

We report the photographic documentation that attests the differences found:



Fig. 1-Particular of the plants treated after 10 days from sowing.



Fig. 2-Particular of the plants untreated after 10 days from sowing.

It should be noted that in the two cases, apart from the number of leaves and their development, the treaty compared to the witness revealed a greater chromatic intensity.

The survey was then conducted after 16 days from sowing with the results shown in the following photos:



Fig. 3 - TREATED - after 16 days from sowing.



Fig. 4 - UNTREATED - after 16 days from sowing.

CONCLUSIONS

The start effect of the SERENITY is connected to a better uniformity of sizes and rooting, interesting to detect the influence on the yield and to test a further administration after the first mowing has been carried out in order to verify the attitude to stimulation of the reclamation.