

Paolo Pagan has joined Carosem since February 2016. His statement is as follow: „I have joined Carosem to work on carrot breeding and my main task is to improve commercial seed production of our main carrot hybrids and to know genetic background of all material used in carrot breeding by the senior breeder John Buishand. Moreover, I have to evaluate the opportunity of starting a research project to create double haploid carrot lines to use in a future breeding program. On a long term basis I am happy to continuously work on new material to serve our customers with competitive varieties.

I would like conclude explaining the reasons which led me choose this company: I strong believe that Carosem will give me an important professional opportunity to reach all my professional goals thanks to the advantages of a small company where all people collaborate in a team for the same target, beside its ability to move quickly in the marketplace. Moreover, I see tremendous potential in the material that has already been developed.“

Paolo has studied at the University ALMA MATER STUDIORUM of Bologna (Italy) where he graduated in Biological Science, specialising in Plant Genetic, with a thesis on molecular interaction between plant potato and PVY virus. During his University Career he spend a period in France at the “Université de Science et Technologie de Lille” where he attended several courses on plant physiology.

During his professional life he was able to work as an Onion Breeder for 7 years. Field activities allowed him to create 3 new onion hybrids and to see the effects of different breeding approaches on plant selection. With regard to the laboratory, he was given the opportunity to analyze plant material with molecular markers, create Double Haploid plants with gynogenesis technique using onion breeding lines, to screen and evaluate many breeding lines of onion and rucola/wild rocket with *Fusarium oxysporum* (pathological tests).

After that he decided to get a PhD in “AGRI-FOOD SCIENCES, TECHNOLOGIES AND BIO - TECHNOLOGIES” at the University of studies of Modena and Reggio Emilia (Italy), studying DNA methylation by cytosine modification in response to seasonal climate changing in onion genome and their possible effects on flowering time.

We are very happy to welcome Paolo at Carosem and wish him lots of success in his new position. Whenever you have some technical questions feel free to contact Paolo.



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