**RESEARCH PROGRAM(S) CHOICE**

Declaration regarding the order of preference of the research programs listed in Table 8 - Agricultural Sciences and Biotechnology of the Ph.D. Notice for the admission to the Ph.D. courses of the University of Udine A.Y. 2023/2024, 39° cycle.

Applicant’s name

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| RESEARCH PROGRAMS | ORDER OF PREFERENCE |
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I declare that I am aware that the research programs will be assigned by the Selection Committee on the basis of the ranking, the suitability of the candidate (see art. 11 of the Call) and the order of preference specified in the list above.

List of the research programs as Table 8:

*Curriculum A. Biology and plant production*

A1. 1. Grafting affinity in kiwifruit: physiological and molecular studies for crop adaptation to the climate crisis (supervisor: G. Cipriani, co-supervisor: R. Falchi)

A2. Improving sustainability of horticultural crops through biostimulants based on algal extracts (supervisor: L. Dalla Costa, co-supervisor: N. Tomasi)

A3. Unravelling Fe and P acquisition interplays in plants to pursue a more sustainable fertilization practices of crops (supervisor: N. Tomasi)

*Curriculum B. Biology and livestock science*

B1. Emerging diseases of rainbow trout: Histological and ultrastructural study to characterize the cellular profile and lesions pathogenesis (supervisor: M. Galeotti, co-supervisor: D. Volpatti)

B2. Insect derived bioactive compounds as immunostimulants for finfish farmed species to enhance animal welfare and aquaculture sustainability (supervisor: B. Randazzo, co-supervisor: F. Tulli)

*Curriculum C. Biology of pathogens and plant protection*

C1. Studying and exploiting the genetic and metabolic diversity of microorganisms isolated from extreme environments (supervisor: A. Di Francesco, co-supervisor: G. Firrao)

C2. Investigations over epidemiological traits of grapevine yellows and development of sustainable control strategies (supervisor: M. Martini, co-supervisor: F. Pavan)

Date and applicant’s signature

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