

The KasTrack project: chestnut biodiversity and distribution in Campania

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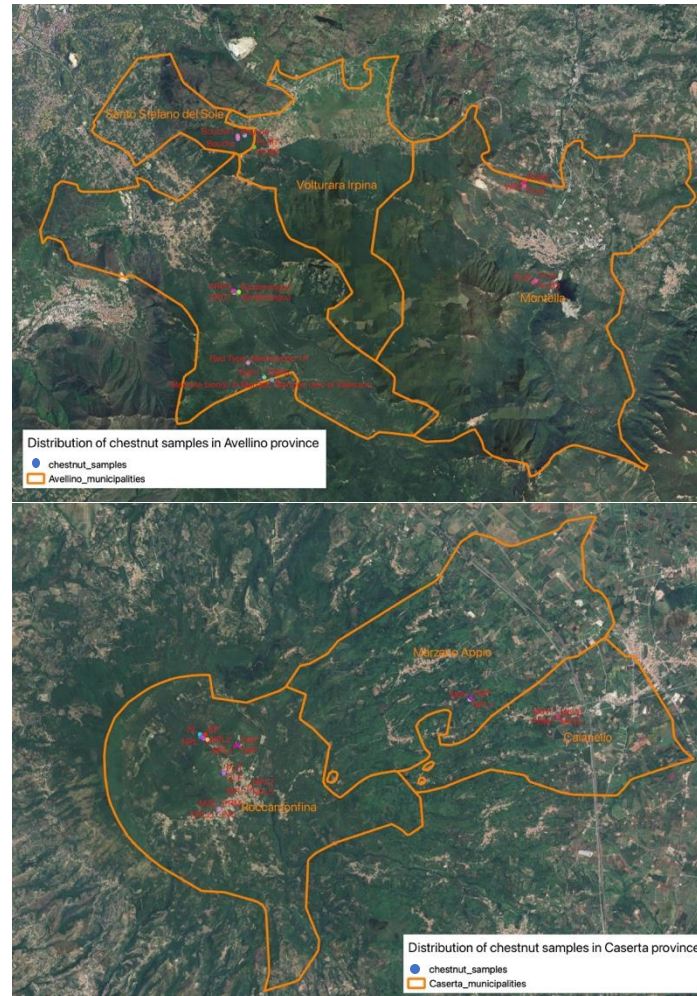
BACKGROUND AND AIMS

Varietal recognition is a key factor for rational management of sweet chestnut orchards (*Castanea sativa* Mill.). Since the morphological characteristics have some limitations and can be misleading, the main goal of technology transfer project KasTrack is to provide chestnut growers with an innovative system for genetic identification. After creating a genetic-spatial mapping, suitable protocols and bioinformatics tools will be released to the control laboratories interested in providing the service of varietal identification.



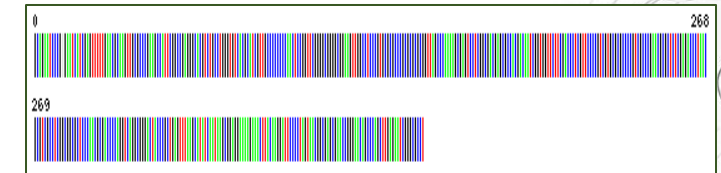
ACTIVITY AND EXPECTED RESULTS

- Genetic-spatial mapping
- Fingerprints database
- Control laboratories with implemented service
- Ex situ collection of genetic standards
- Dissemination to stakeholders



PROJECT IMPACT

- Nursery Sector Development
- Varietal Heritage Conservation
- Product Traceability
- Varietal Diversification



CONCLUSIONS AND PERSPECTIVES

The KasTrack project will make the genotyping service accessible to potential users and will create a portal where information on the most widespread chestnut cultivars can be quickly found.

Tracciabilità delle cultivar di castagno mediante tecnologia KASP per il rilievo delle impronte genetiche

https://kastrack.crea.gov.it

Ministero delle Politiche Agricole, Alimentari e Rurali
Ministero delle Politiche Regionali
Ministero della Sanità
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