



ITALIA

Forecast 2025

Giovanni Gamba, Roberto Mazzei, Renzo Panzacchi, Luciano Trentini



We submitted a survey to Italian farms and growers associations.

Let's have a look to the results.

EUROCASTANEA ITALIA: PREVISIONE PRODUZIONI 2025

B I U ☐ ☒

Vi chiediamo cortesemente un minuto del vostro tempo per capire come sta andando l'annata in corso in Italia. I risultati dell'indagine saranno divulgati attraverso gli eventi EUROCASTANEA. I dati verranno trattati in modo anonimo. Vi saremmo grati se poteste inviare le vostre risposte entro il **5 settembre**, in modo da poter elaborare i risultati per le XIV Giornate Europee del Castagno. Grazie per la collaborazione!

azienda/associazione/consorzio/altro (facoltativo)

Testo risposta breve

provincia/areale di riferimento: *

Testo risposta breve

rispetto alla media degli ultimi 3 anni il raccolto previsto per il 2025 è: *

- ☐ inferiore. Fino al 25% di produzione in meno
- ☐ inferiore. Fino al 50% di produzione in meno
- ☐ inferiore. Oltre il 50% di produzione in meno
- ☐ uguale
- ☐ superiore. Fino al 25% di produzione in più
- ☐ superiore. Fino al 50% di produzione in più
- ☐ superiore. Oltre il 50% di produzione in più

eventuale incidenza di malattie o parassiti nell'annata produttiva in corso: *

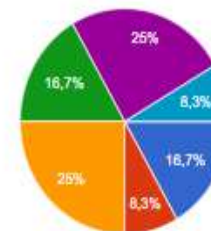
- ☐ cancro corticale
- ☐ mel dell'inchostro
- ☐ cinipide galligeno
- ☐ scolitidi
- ☐ no
- ☐ Altro...

principali criticità degli ultimi 3 anni: *

- ☐ cancro corticale
- ☐ mel dell'inchostro
- ☐ marciume gessoso (da Gnomonopsis castaneae)
- ☐ altri marciumi del frutto
- ☐ cinipide galligeno
- ☐ scolitidi
- ☐ balanino
- ☐ lotticicoidie
- ☐ effetti del cambiamento climatico
- ☐ nessuna
- ☐ Altro...

rispetto al 2024 il raccolto previsto per il 2025 è:

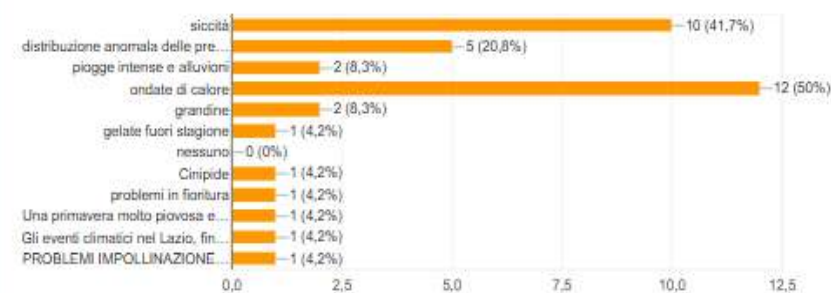
24 risposte



- ☐ inferiore. Fino al 25% di produzione in meno
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eventi meteorologici anomali nell'annata produttiva in corso:

24 risposte



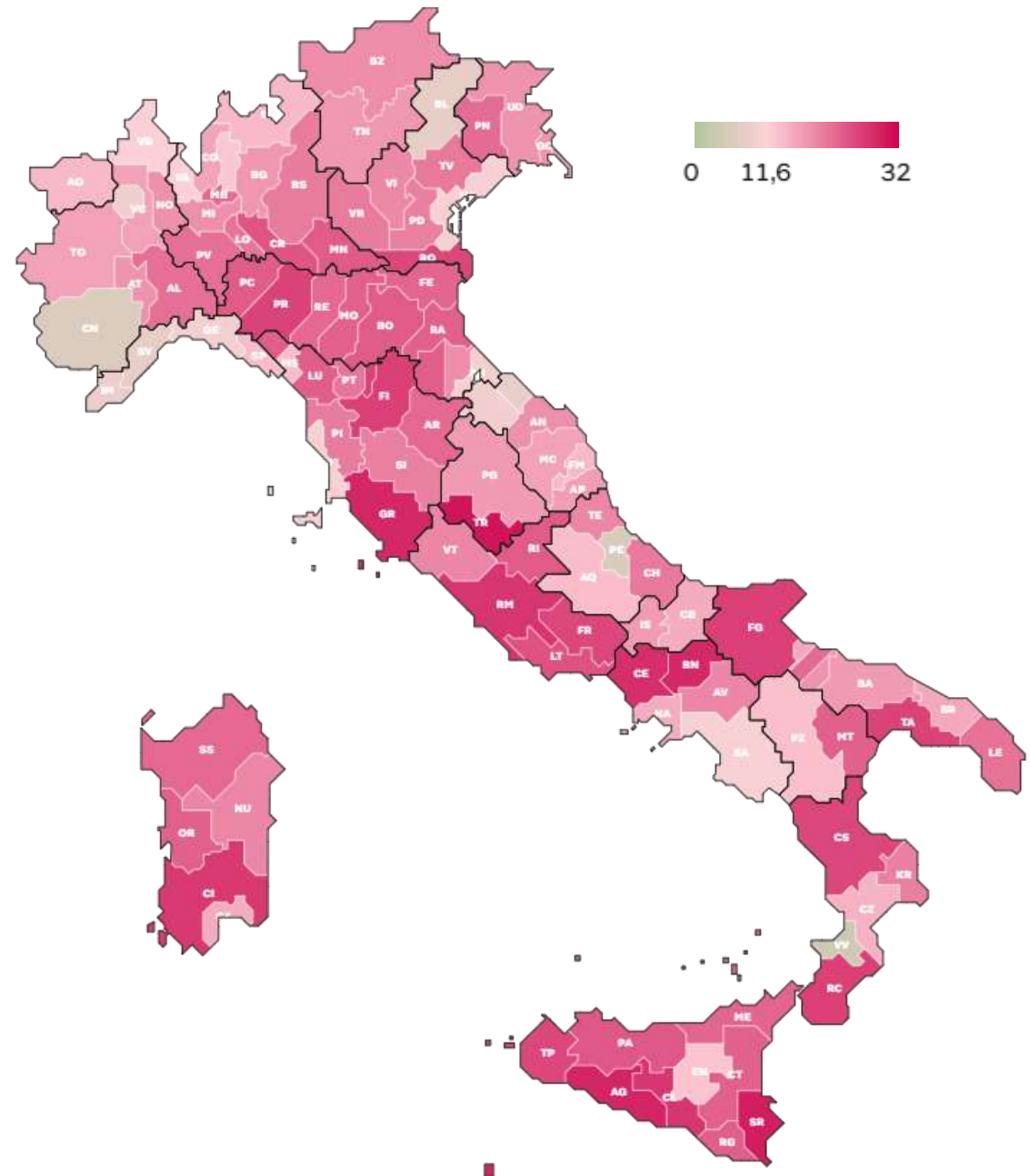
Climate Trends: Heat Records and Extreme Weather

RECORD-BREAKING TEMPERATURES

- **2024_world**: warmest year on record with temperatures approximately 1.55°C above pre-industrial levels.
- The **past ten years** have all been in the **Top Ten**, in an extraordinary streak of record-breaking temperatures.
- **2024_Italy**: warmest year on record since the pre-industrial era, with a +1.33°C compared to the 1991–2020 baseline.

EXTREME WEATHER EVENTS IN ITALY

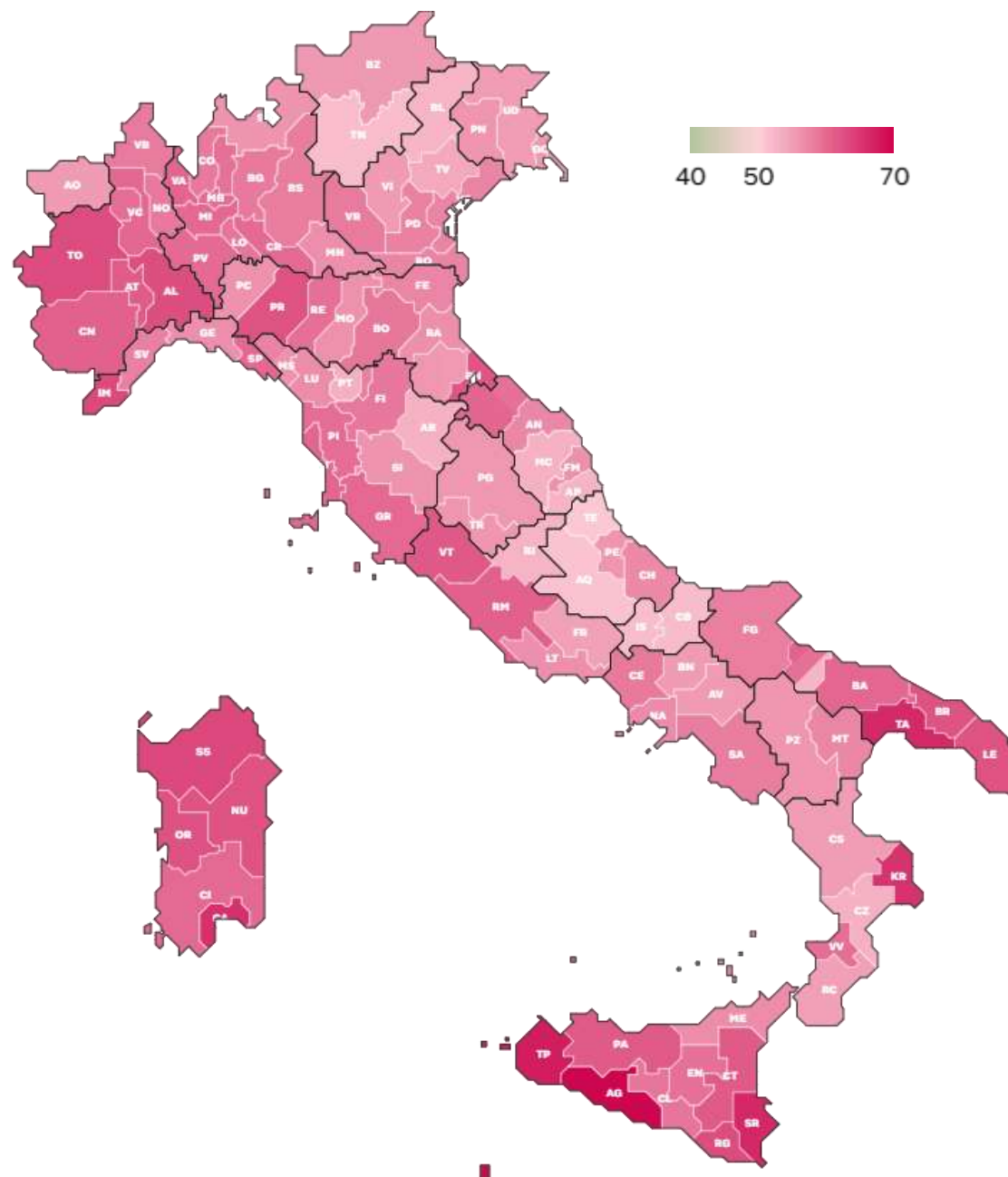
- **2024_Italy**: 351 extreme weather events, nearly six times more than in 2015 (+485%); third consecutive year with over 300 episodes.
- **2025_Italy**: January - May 2025, 110 extreme weather events were recorded marking a 31% increase compared to the same period in 2024.



Source: lab24.ilsole24ore.com

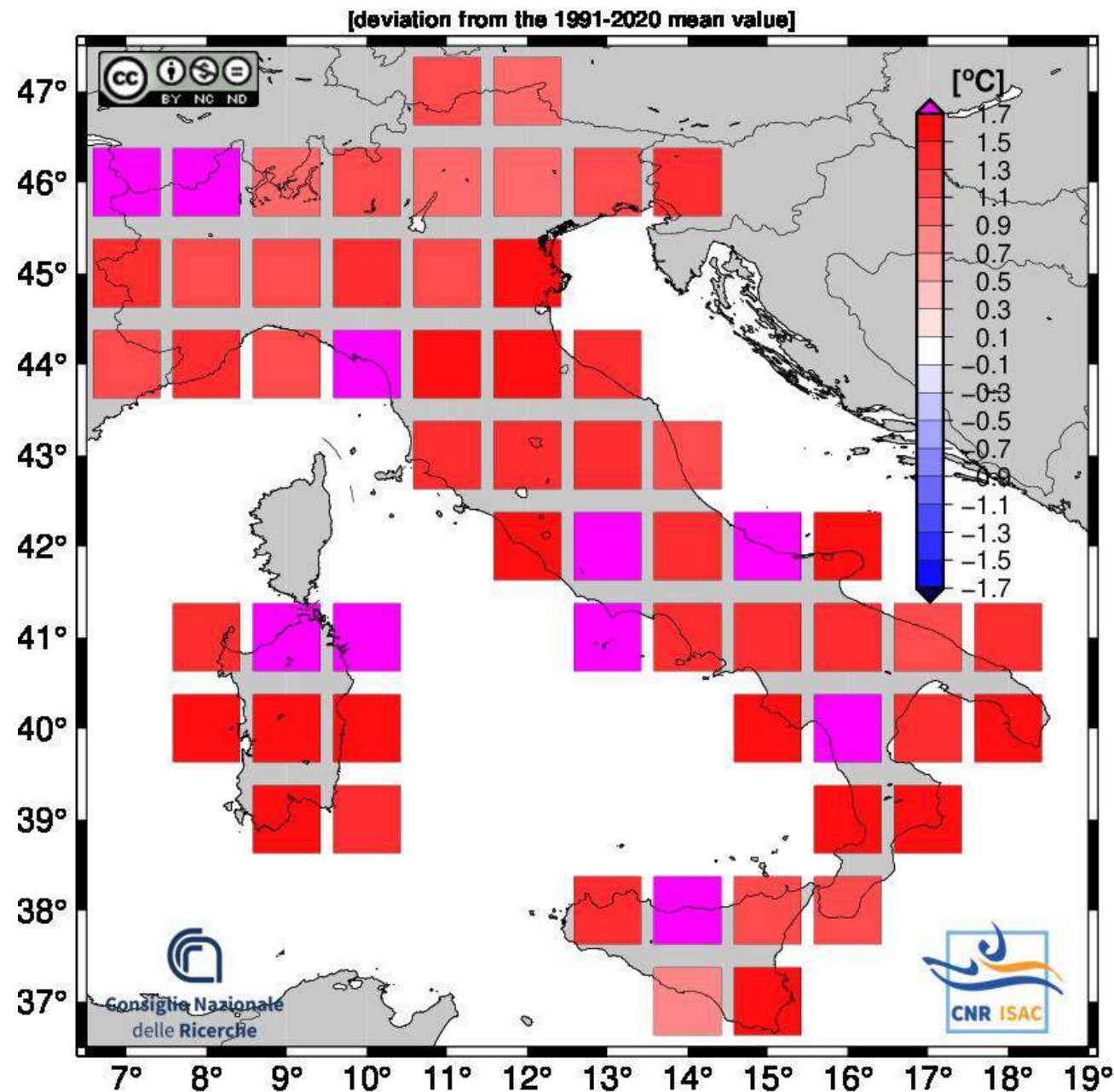


PERCENTAGE OF CONSECUTIVE DRY DAYS
WITHIN A 100-DAY INTERVAL IN 2024



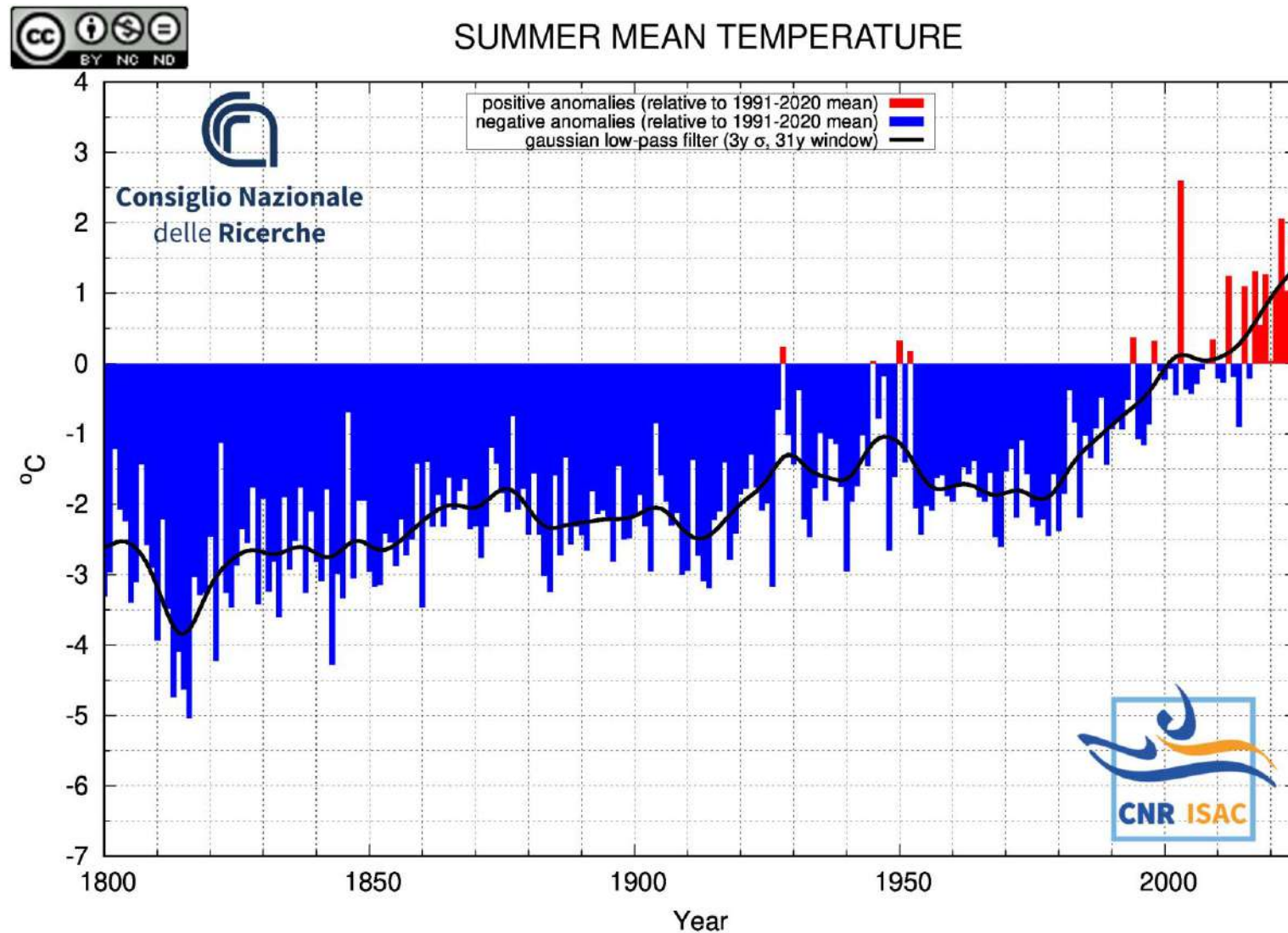


JANUARY - JULY 2025
MEAN TEMPERATURE ANOMALY

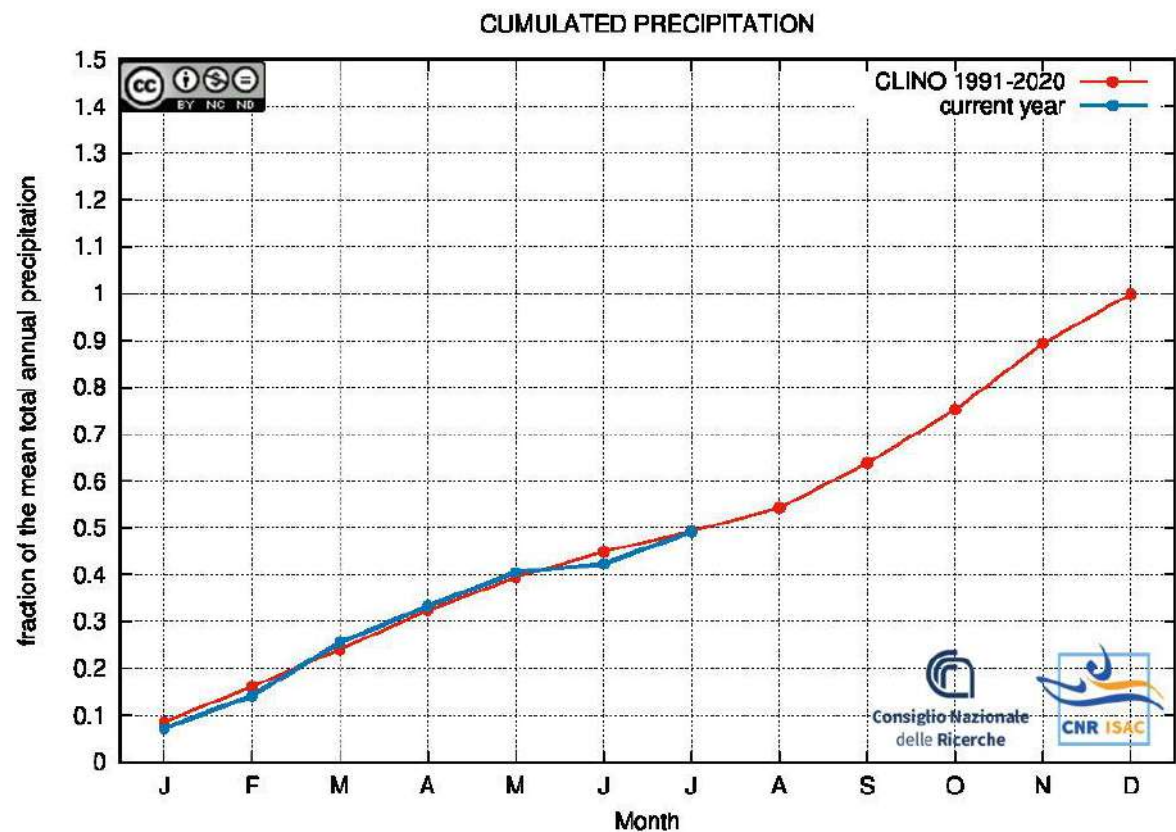




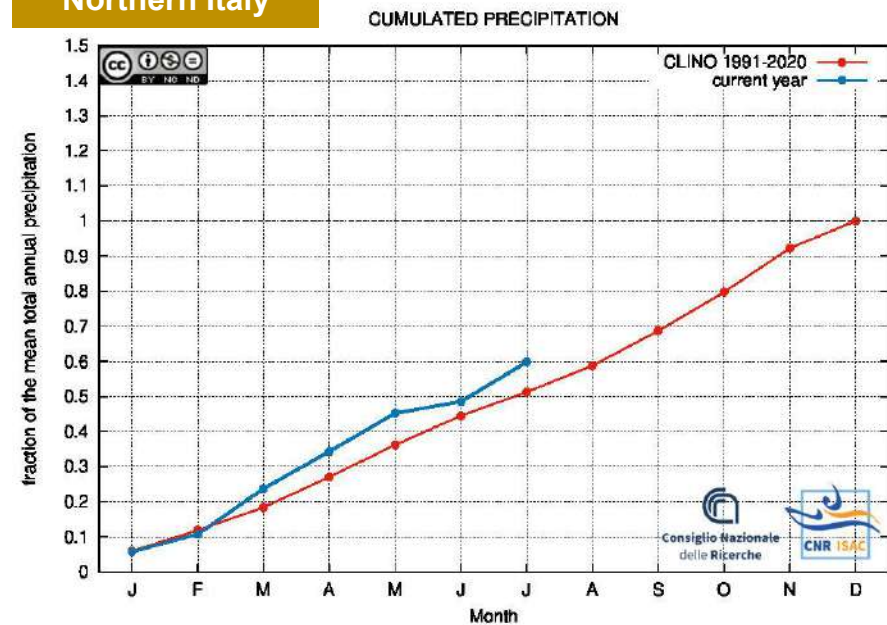
Chestnut orchards in Italy never faced such positive anomalies in summer mean temperature from XIX century on



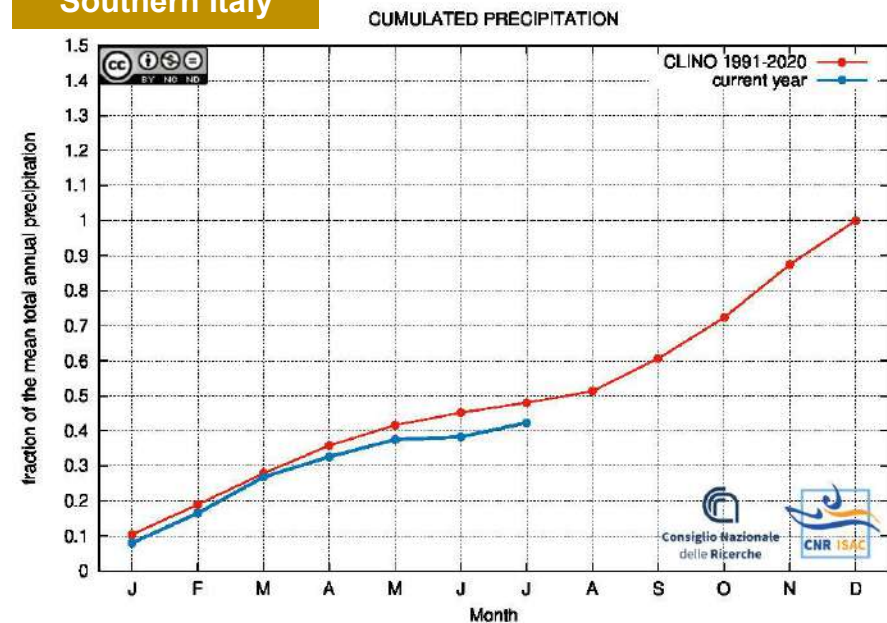
COMPARISON OF THE CUMULATED PRECIPITATION 2025 WITH THE CLIMATOLOGICAL CUMULATED VALUES (REFERENCE PERIOD 1991-2020).



Northern Italy



Southern Italy





- Second Italian region for surface, 7600 ha
- Exclusively regional cultivars
- Very varied genetic material (Centro conservazione biodiversità castanicola "Vecchiarello" di Sersale, CZ).



source: M. Tatiana Castellotti (CREA), Antonio Scalise (ARSAC)

-10%

compared to the
average production of
the last three years

- ❑ **Cultivar:** Nzerta 80% Riggiola 20%
- ❑ Average prices to the producer in 2024 (€/kg):
Sweet chestnuts: 1-2; **Marrone type:** 4-5; **Hybrids:** 3-4
- ❑ Very **high** summer **temperatures** coupled with **drought**
- ❑ Patchy resurgence of chestnut gall wasp
- ❑ Yield up to -25% compared to 2024
- ❑ Harvest on schedule

MAJOR CHALLENGES*: brown rot (*Gnomoniopsis castaneae*), chestnut weevil, climate change

*Taking into account the last three years



Campania



- First Italian productive region (13,800 ha)
- Only local cultivars are grown (chestnuts and marrone type)
- Very solid commercial organization
- Certified productions





-25 %

**compared to the
average production of
the last three years**



Campania

source: A. Luce (Az. ag. Giaquinto - Distretto Castagne Campania), Distretto Castagne e Marroni Campania (R. Mazzei)

☐ Cultivars: Marrone Roccadaspide, Palummina, Montemarano Santimango

☐ Average prices to the producer in 2024 (€/kg):
Sweet chestnuts: 1-2; **Marrone type:** 2-3; **Hybrids:** 2-3

☐ Salerno province:
Weather anomalies: heatwaves and drought
Biotic stresses: resurgence of chestnut gall wasp

☐ Avellino province:
Weather anomalies: heatwaves and drought, erratic rainfall, and pollination problems
Biotic stresses: chestnut gall wasp and moths-induced fruit drop

☐ Cosenza province:
Weather anomalies: heatwaves and drought
Biotic stresses: bark beetles

☐ Yield up to -30 % compared to 2024

☐ Harvest on schedule for *C. sativa*

☐ Early ripening for hybrids

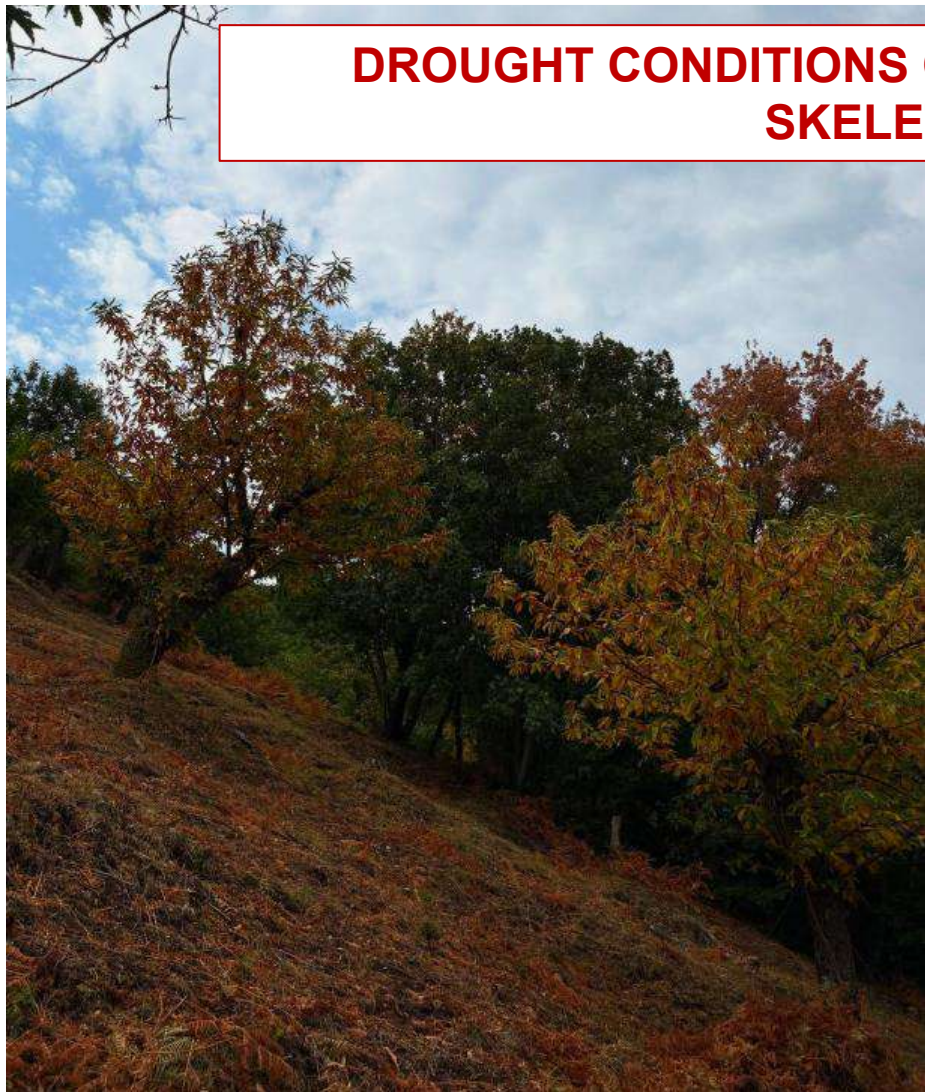
MAJOR CHALLENGES*: brown rot, gall wasp, chestnut weevil, climate change

*Taking into account the last three years

Campania

source: A. Luce (Az. ag. Giaquinto - Distretto Castagne Campania)

DROUGHT CONDITIONS COMBINED WITH SHALLOW, SKELETAL SOILS





- Production area: 5,600 ha
- More than 6000 companies
- Chestnut and Marrone cultivars
- Well-structured market, also for export
- Certified productions: 1 DOP





+20%

**compared to the
average production of
the last three years**

Lazio

source: V. Cristofori, Andrea Vannini (Università della Tuscia)

- ☐ **Cultivar:** Marrone Viterbese, Castagna di Vallerano, Marrone Fiorentino
- ☐ Average prices to the producer in 2024 (€/kg):
Sweet chestnuts: 2-3; **Marrone type:** 3-4; **Hybrids:** 3-4
- ☐ Ideal climatic conditions: abundant flowering unaffected by rains, generally cool summer with well-distributed spring–summer precipitation
- ☐ Wet spring–summer may increase postharvest fungal incidence
- ☐ Treatments against ink disease widespread with excellent results
- ☐ Large-scale application of Eurocastanea protocol against brown rot
- ☐ Yield up to +50% compared to 2024
- ☐ Harvest on schedule

MAJOR CHALLENGES*: brown rot, ink disease, chestnut moths, other nut rots

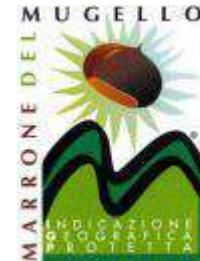
*Taking into account the last three years

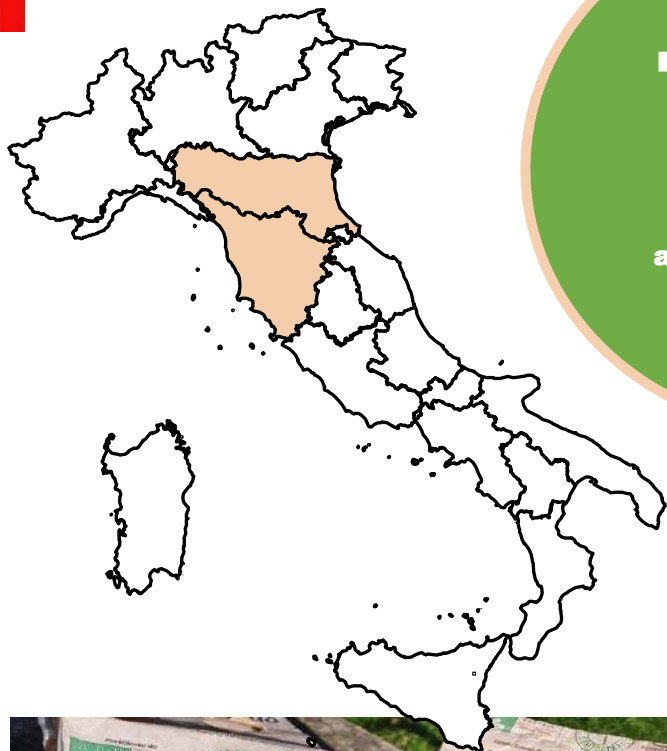


Toscana, Emilia Romagna



- Area: E. Romagna 3000 ha; Tuscany 5500 ha
- Certified productions: 3 IGP, 1 DOP
- regions characterized by a strong presence of Marrone (M. fiorentino and clones)





+15%

**compared to the
average production of
the last three years**



Toscana, Emilia Romagna

source: R. Panzacchi (Associazione Consorzi Castanicoltori Emilia-Romagna), Luciano Trentini (Centro di Studio e Documentazione sul Castagno)

- ❑ **Cultivar:** Marrone di Castel del Rio, M. Fiorentino and synonyms (Marrone Domestico, Marrone Biondo, Marrone di Marradi)
- ❑ Average prices to the producer in 2024 (€/kg):
Sweet chestnuts: 1-2; **Marrone type:** 4-5
- ❑ Significant presence of chestnut blight, ink disease, and nut rots (especially brown rot)
- ❑ Anomalous rainfall distribution, intense precipitation and flooding
- ❑ August rainfall prevented plant stress, medium-to-large sizes expected
- ❑ Yield +15% compared to 2024
- ❑ Harvest on schedule

MAJOR CHALLENGES*: chestnut blight, ink disease, nut rots (especially brown rot), chestnut moths.

*Taking into account the last three years



- Production area 6,400 ha
- Traditional orchards and high-density plantations (800 ha)
- Agri-food industry and developed supply chain
- 2 PGI branded products





Stable

compared to the average
production of the last
three years

Piemonte (Traditional orchards)

source: S. Marchisio (Coldiretti Cuneo), Chestnut R&D Center Piemonte,
P. Chiaberto, Giorgio Maurino, Marco Re (Cooperativa La Maruna)

- ☐ Significant cultivar diversity
- ☐ Average prices to the producer in 2024 (€/kg):
Sweet chestnuts: 1-2; Marrone type: 3-4
- ☐ Favourable rainfall during spring - hot and dry summer
- ☐ Patchy resurgence of chestnut gall wasp
- ☐ Major biotic stresses: chestnut blight and ink disease
- ☐ Major weather anomalies: heatwaves and drought
- ☐ Yield +10% compared to 2024
- ☐ Harvest on schedule

MAJOR CHALLENGES*: brown rot, ink disease, chestnut
moths and weevils, climate change

*Taking into account the last three years





Stable

compared to the average
production of the last three
years

Piemonte (high density orchards)

Source: S. Marchisio (Coldiretti Cuneo), Chestnut R&D
Center Piemonte

- ☐ **Cultivar:** Bouche de Bétizac (>90%), Marsol, Precoce Migoule, Volos, Marrone
- ☐ Average price to the producer in 2024 (€/kg): 3-4
- ☐ Ink disease also related to flooding irrigation
- ☐ Problems with graft incompatibility and chestnut blight within the first years after plantation
- ☐ Widespread double flowering
- ☐ Major weather anomalies: heatwaves
- ☐ Harvest on schedule, Bouche de Bétizac around Sept. 10th
- ☐ +20% compared to 2024

MAJOR CHALLENGES*: chestnut blight, climate change

*Taking into account the last three years





+20%

**compared to the
average production of
the last three years**

Trentino Alto Adige

Source: Johann Laimer (Associazione castanicoltori Alto Adige),
Giacomo Gatti (Centro di Sperimentazione Laimburg)

- ❑ Traditional orchards (850 ha), 95% marrone type chestnuts
- ❑ Average prices to the producer in 2024 (€/kg):
Sweet chestnuts: 3-4; **Marrone type:** > 5; **Hybrids:** > 5
- ❑ Mainly for fresh consumption, very limited processing
- ❑ Major weather anomalies: heatwaves
- ❑ Rainy spring with warm June and cool July
- ❑ Major biotic stresses: chestnut blight
- ❑ Up to 25% higher than 2024
- ❑ Harvest slightly early for *C. sativa* and hybrids
- ❑ +20% compared to 2024

MAJOR CHALLENGES*: chestnut blight, brown rot, climate change

*Taking into account the last three years





Stable

**compared to the
average production of
the last three years**

Friuli Venezia Giulia

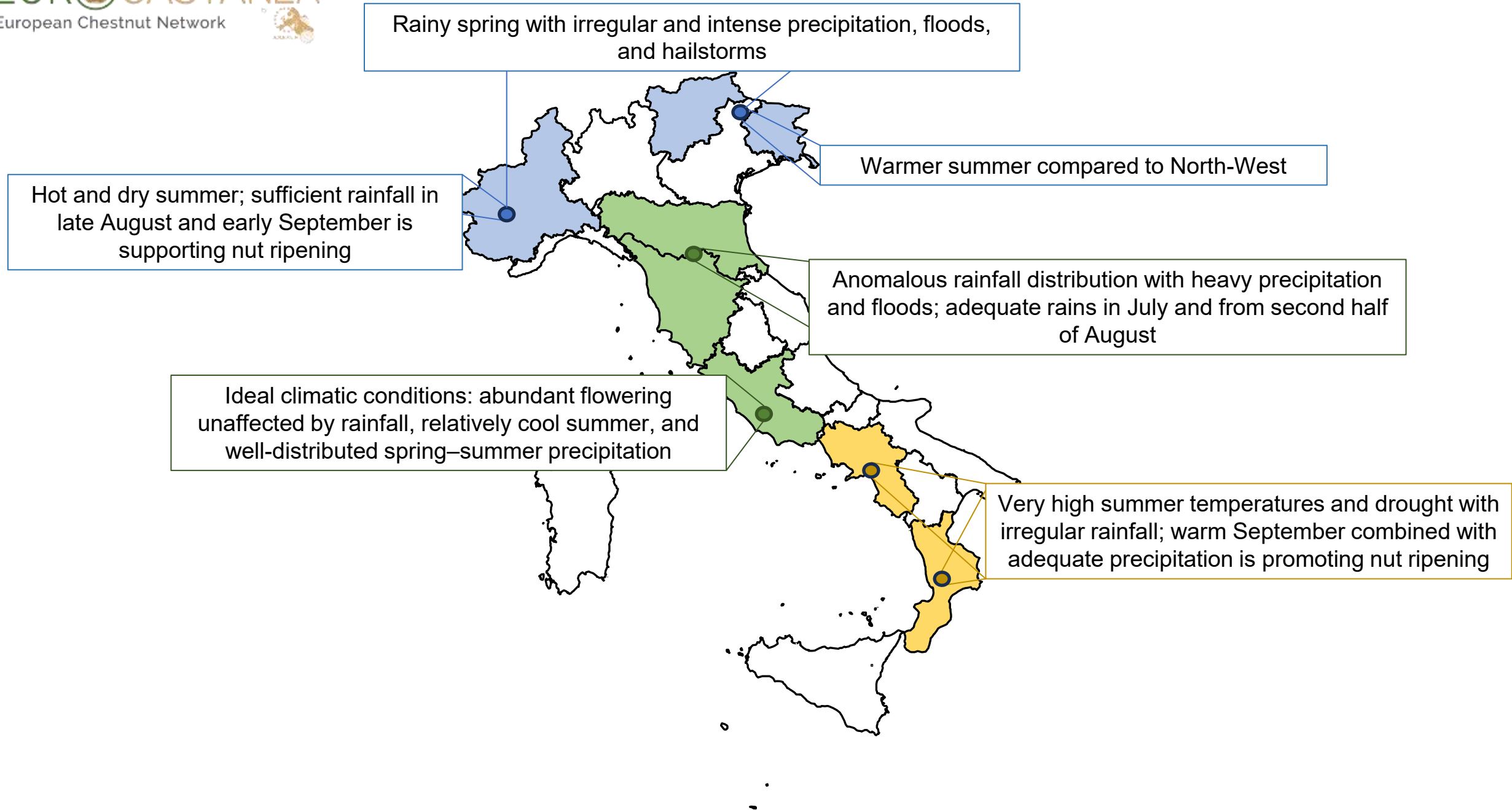
Source: Michele Fabro (ERSA- Agenzia Regionale per lo Sviluppo Rurale)

- ☐ Local cultivars
- ☐ Average prices to the producer in 2024 (€/kg):
Sweet chestnuts: 4-5; **Marrone type:** >5; **Hybrids:** 4-5
- ☐ Chestnuts for **local markets** and fresh consumption
- ☐ Growing **interest for high-density** plantations
- ☐ Major weather anomalies: heavy rainfall and floods, hailstorms
- ☐ Chestnut gall wasp
- ☐ Yield +20% compared to 2024
- ☐ Harvest advanced for hybrids

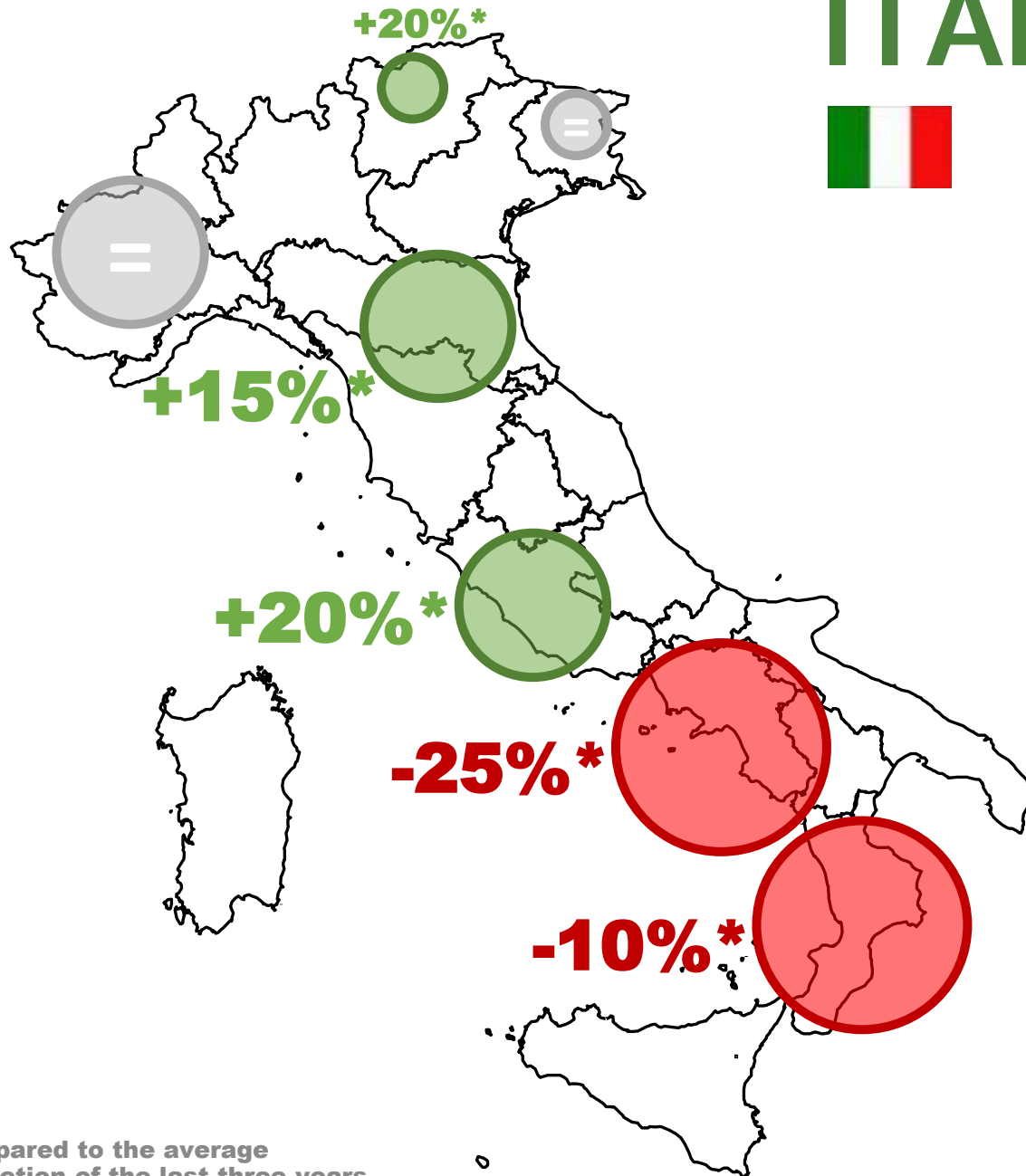


MAJOR CHALLENGES*: bark beetles, chestnut moths, climate change

*Taking into account the last three years



ITALIA 2025 forecast



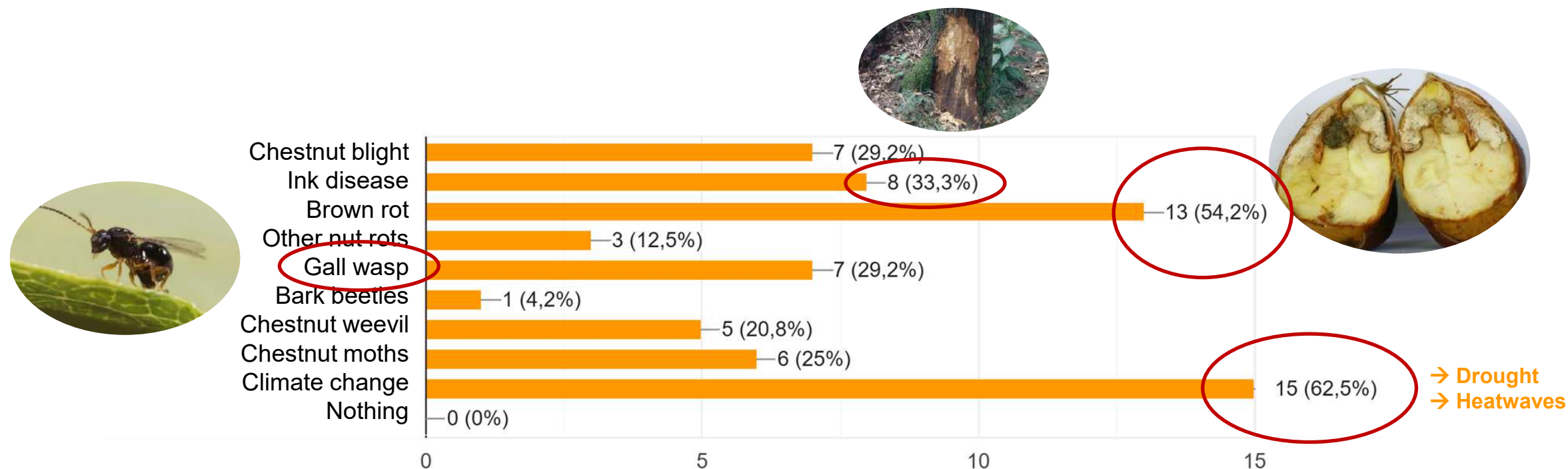
The **2025** overall **production** is estimated to be **similar to or slightly lower** than the last three years, with medium-sized nuts, totaling between **40,000** and **45,000 t**.

Season marked by an **anomalous climate trend**. In the coming weeks, rainfall will play a key role in determining nut size.

The **degree of approximation** of the harvest **forecasts** for chestnuts and marrone type cultivars is, as always, **very high**.

*compared to the average production of the last three years

33 farms, producers associations and consortia answered to the Eurocastanea Italy 2025 forecast survey, representing an important and wide sample of Italian chestnut chain.
Considering the last 3 years, the main agronomic issues are:





2025

**Thank you for your
attention!**