AGROMETEOROLOGICAL CONDITIONS

Expert group for the common organisation of agricultural markets, Arable crops

25 July 2024
Content

1. Agrometeorological overview
2. Remote sensing - arable land
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Rain surplus in parts of the Iberian Peninsula and E France, most of N Italy, parts of Germany and the Netherlands, Denmark, S Sweden, parts of Poland, and the border between Czechia and Slovakia.

Particularly high rainfall surplus in parts of the Alps.

A marked rain deficit in large parts of the Black Sea region and some parts of Greece.
1. Agrometeorological overview

Warmer-than-usual conditions in the Black Sea region.

Warm spells - with daily temperatures exceeding the 90th percentile of the long-term average (LTA – 30 years) - observed in Poland, Czechia, Austria, and Italy, eastwards into the continent.
2. Remote sensing - arable land
3. Grasslands

Cumulative fAPAR comparison
Current year - Medium term average (MTA / 2014-2023)
Considered period: 01 May 2024 - 10 June 2024

Relative differences (%) compared to MTA

- ≥ 50
- ≥ 25
- ≥ 5
- ≤ 5
- ≤ -5
- ≤ -25
- ≤ -50

No permanent grassland

Mask: Grassland mask based on Copernicus HRL 2018
Data source: MARS remote sensing database / MODIS

June Bulletin 2024

Cumulative fAPAR comparison
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July Bulletin 2024
4. Areas of concern

- **Water excess**: in the Netherlands, S Germany, E France, and N Italy, which negatively affected crop sowing and field operations.

- **Water deficit**: in E Germany, Poland, E Hungary, S and E Romania, Bulgaria, and Greece.

- **Heat stress**: in Slovenia, Croatia, E Hungary, Romania, Bulgaria, and Greece.
4. Areas of concern
• Yield forecasts are down for most products at EU level vs last month’s Bulletin.

• Total cereals yield forecasts now at the five-year average.

• NB five-year average is mediocre.

Please send us your national ag-meteo data ‘on the ground’ (i.e. areas, yields, significant meteo events and consequences)

→ Your data are useful to improve accuracy of JRC analysis (i.e., vs JRC satellite and other observations).

During GREX or any time to

AGRI-E4@ec.europa.eu

5. Crop yield forecast

<table>
<thead>
<tr>
<th>Crop</th>
<th>Yield t/ha</th>
<th>Avg 5yrs</th>
<th>June Bulletin</th>
<th>MARS 2024 forecasts</th>
<th>%24/5yrs</th>
<th>% Diff June</th>
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<tbody>
<tr>
<td>Total cereals</td>
<td></td>
<td>5.48</td>
<td>5.59</td>
<td>5.50</td>
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<tr>
<td>Total wheat</td>
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<td>Soft wheat</td>
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<td>Durum wheat</td>
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<td>Total barley</td>
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<td>Spring barley</td>
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<td>Grain maize</td>
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<td>Rye</td>
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<td>Triticale</td>
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<td>Rape and turnip rape</td>
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<td>Potatoes</td>
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<td>Sugar beet</td>
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<td>42.7</td>
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Thank you