



Weather conditions

Civil Dialogue Group Arable Crops

4th July 2017



Content

Weather conditions for:

Arable crops

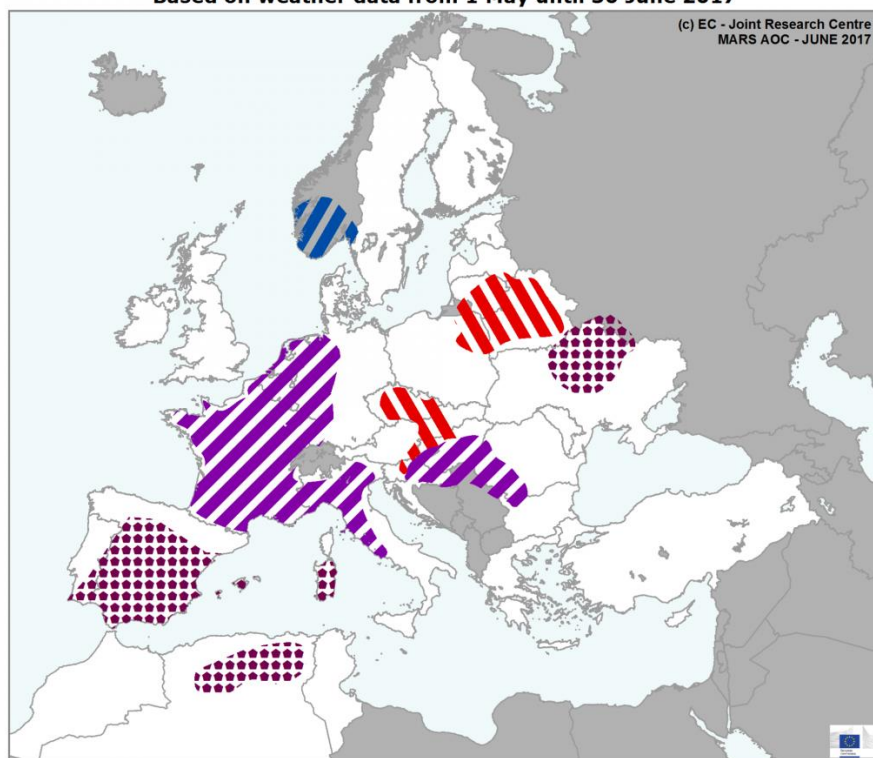
Rice

Pasture

EU 28: areas of concern

AREAS OF CONCERN - EXTREME WEATHER EVENTS

Based on weather data from 1 May until 30 June 2017



Rain deficit



Rain surplus



Drought





Heat wave

EU 28: areas of concern

AREAS OF CONCERN - SPRING CROPS

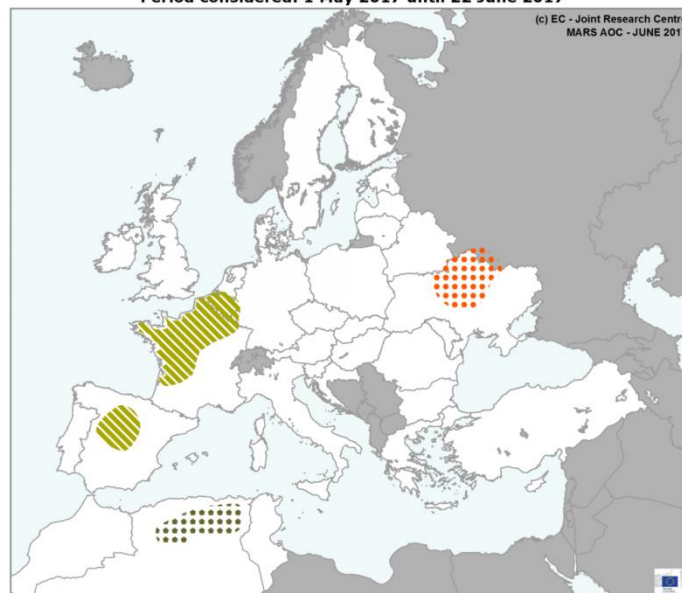
Period considered: 1 May 2017 until 22 June 2017



 Storage organs impacted  Flowering impacted

AREAS OF CONCERN - WINTER CROPS

Period considered: 1 May 2017 until 22 June 2017



(c) EC - Joint Research Centre
MARS AOC - JUNE 2017

 Growth impacted  Flowering impacted  Storage organs impacted



EU 28 - Key messages (1/2)

Yield forecasts decreased for wheat and barley (-1% m/m). For rapeseed the yield revised up but remains below the five-year average.

ES : hot and dry weather conditions affecting mostly barley.

IT: dry and a heat wave impact main arable land; summer crop season is at risk.

FR: dry May and a hot June; unfavourable for both winter and spring crops development (grain filling).



EU 28 - Key messages (2/2)

Benelux countries and western DE: above average temperatures occurred and persistent rain deficit impact winter and spring cereals (grain-filling stage of development).

Rain deficit in central Europe (CZ, SK); possible recovering if rain comes in the coming days.

Unfavourable heat wave in HU, RO and HR; impact will depend on the magnitude and duration of these conditions.

EU 28 - Rice

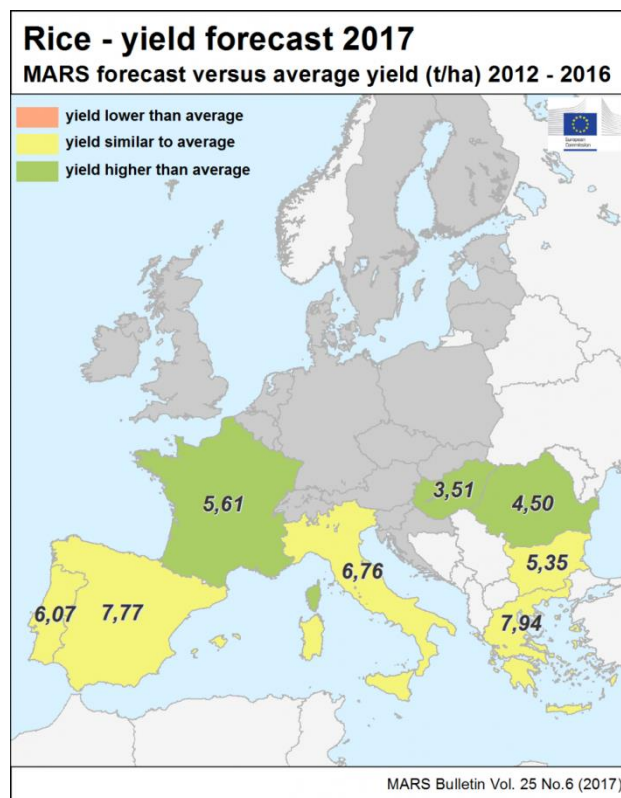
Favourable meteorological conditions overall.

Cold spell (April/May):

- delayed sowing in FR, BG, HU, and RO;
- slowed down emergence in IT; yield close to average.

Iberian Peninsula: anticipated sowings; current drought might limit water supply along the growing season.

EU yield forecast at **6.9 t/ha**
(+0.6% vs 5 year average and +2.5% vs last year)



EU 28 - Pastures

Cumulated fAPAR comparison

Current year - Medium term average (MTA - 2007 - 2016)
Considered period: 01 April 2017 - 10 June 2017

**Relative differences (%)
compared to MTA**

≥ 50

≥ 25

≥ 5

±

≤ -5

≤ -25

≤ -50

■ No pasture / forage areas

■ Relevant cloud coverage
(1 - 10 June)

Pasture and forage mask based on CAPRI database and GLC 2000
Data source: MARS remote sensing database / METOP - AVHRR

EU 28 - Pastures

Main grassland areas of the Iberian Peninsula and southern Italy constrained by exceptionally hot and dry conditions.

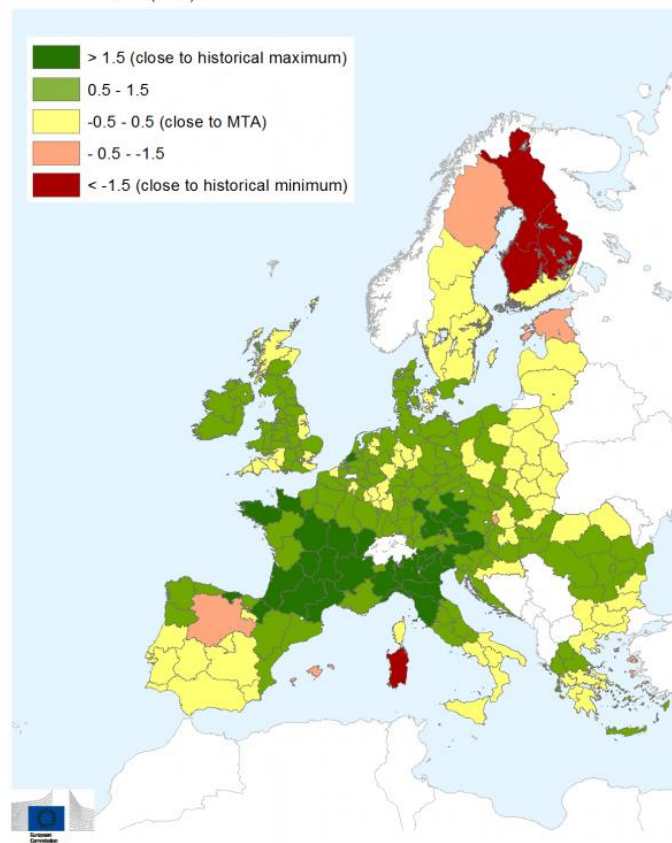
Most of the pasture areas in central Europe, Ireland and the UK are in good shape.

Significant grassland development delay in the Baltic Sea area due to low temperatures.

Relative index of pasture productivity

Period of analysis: 1 April - 10 June 2017

Index based on METOP-AVHRR smoothed fAPAR10-day product.
Historical archive (MTA) from 2008 to 2017





Thank you for your attention!

Presentation available at:

http://ec.europa.eu/agriculture/cereals/index_en.htm