ISA NEWSLETTER N°15, May 2023

International Sunflower Association

Contents

Editorial

A rather long period since our newsletter N°14, last December. Spring is now well underway in the northern hemisphere, with generally optimistic sunflower acreage expectations and production forecasts. The final results will depend on many factors, at first weather which is delaying sowing operations in some regions, and also geopolitical evolutions.

This newsletter issue includes announcements for two important sunflower events, at first the 21st International Sunflower Conference in August 2024, in Inner Mongolia, China, in a major sunflower region. Secondly, closer in time, the 5th Symposium on Broomrape in Sunflower, in Antalya, Turkey, next November. Think about your communications and participation to these key events for the sunflower community...

Etienne Pilorgé, ISA Secretary

Activity and News of the association

21st International Sunflower Conference, Inner Mongolia, China

Dear Sir, Dear Madam,

On behalf of the International Sunflower Association (ISA), we would like to invite you to attend the 21st International Sunflower Conference (21st ISC), which will be held on August 20-24, 2024, in Bayannur, China.

ISA is the International Sunflower Association gathering national societies and researchers with an interest in sunflower, from more than 30 countries. This conference takes place every 4 years, making it a well-attended meeting not to be missed! In the past 20 years, ISC were successfully organized in Mar del Plata, Argentina (2012), Edirne, Turkey (2016) and Novi Sad, Serbia (2020, postponed to 2022 due to Covid-19 pandemic), attracting a huge number of delegates from all over the world.

ISC2024 will be sponsored by Inner Mongolia Sunflower Association (IMSA), Inner Mongolia Agricultural University (IMAU) together with the People's Government of Bayannaoer; and will be co-organized by People's Government of Wuyuan county, Sanrui Agritec. Co. Ltd, Chacha Food Co. Ltd and Sunboy Food Co. Ltd. ISC2024 will give the opportunity for all scientists to meet in person again and share recent advances in different aspects of sunflower industry. The theme of ISC2024 will be "Sunflower-present Trends and Future Challenges", it will focus on the present development and also the future perspective of sunflower under climate change and global economic integration background. It will also

cover the latest findings related to the entire sunflower industry chain, such as Sunflower germplasm resources, sunflower breeding techniques, biotic and abiotic stress resistance, trade, and market, etc…

ISC2024 scientific programme will not only consist of 12 plenary lectures presented by world notable scientists, but also set up scientific workshops, together with E-posters. This scientific conference will offer a direct contact to over 1000 delegates from leading universities, research institutes and private companies, which are working on different research fields of sunflower. It will not only host numerous sunflower researchers, but also allow sponsors and exhibitors to present their products related to sunflower. We believe that your attendance will contribute a lot to the success of ISC2024.

On behalf of the International Sunflower Association (ISA) and Inner Mongolia Sunflower Association (IMSA), we will warmly welcome you to join us at ISC2024, and look forward to hosting you in Bayannur, a beautiful city along the Yellow River.

For more information about ISC 2024, please visit website: http://www.esanrui.com/isc

Sincerely Yours

Prof. Jun Zhao Mr.
President of ISA

Yongping Zhang
Chairman of ISC2024

5th International Symposium on BROOMRAPE in Sunflower

This will be the 5th specific symposium on broomrape in sunflower, after those held in Turkey in 2008, Moldova in 2011, Spain in 2014 and Romania, in 2018.

The symposium will be organized by Trakya University and International Researchers Association in cooperation with the International Sunflower Association (ISA). The symposium will be held in Megasaray Westbeach Hotel, Antalya, Turkey, on November 1-3, 2023.

The symposium will cover all aspects related to broomrape parasitism in sunflower, including parasite biology, physiology, parasite-host interaction, the racial status of broomrape, genetic resistance, molecular breeding, chemical control using herbicide-tolerant, and integrated management.

The symposium will gather sunflower scientists from around the world and present their recent achievements. The organizers will also invite relevant stakeholders to provide a view on the broomrape situation around the world as well as prospects to overcome the limitation for sunflower production, imposed by this parasitic weed.

Symposium participants will have the opportunity to join, with a 50% discount, the EUCARPIA International Congress on Oil and Protein Crops which will be held 2-4 November 2023 in the same hotel.

International Sunflower Association (ISA) members have 10 % discount from Registration fee.

Abstract submission and early registration deadline is July 30th, 2023.

http://www.orobans.com/en/sayfa/1028/home

Norma Isabel Huguet

Mr Enrique Moro, President of ASAGIR, informed us of a sad news, that our dear colleague Norma Isabel Huguet passed away on Saturday January 14th:

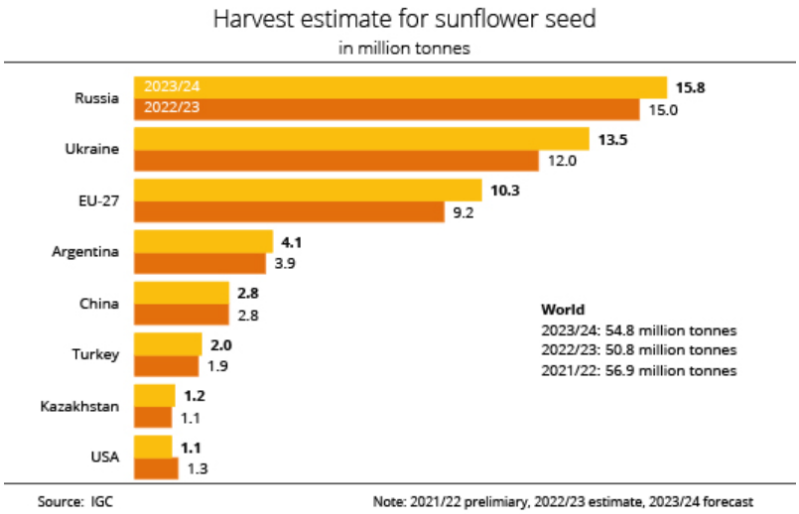
"This news has shocked our entire sunflower community, due to the dedication and effort with which Norma participated in the development of our crop. She dedicated herself exclusively to phytopathology, and particularly to sunflowers, being a reference at a national and international level. Norma was a member of ASAGIR since its inception, as well as of the ISA since the middle of her professional career, creating friendships and personal ties in all the forums in which she participated.

On behalf of ASAGIR, we want to say goodbye to Norma, a member of our board of directors, and we invite the ISA to honour her memory in the same way."

Value chains and regional news

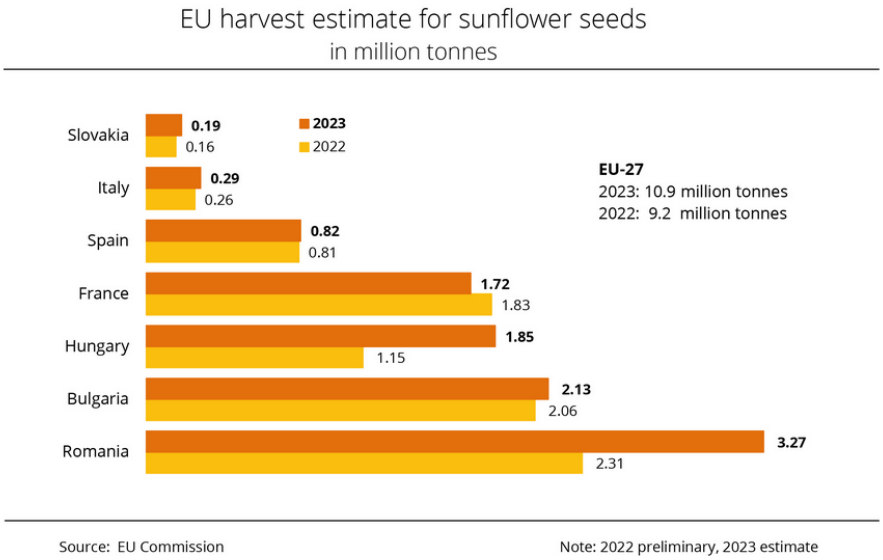
Sunflower production forecasts

Information from the International Grain Council has been reported by both UFOP and OFI, forecasting an increase of 8%, or 4 million tons, in sunflower production in 2023/24, as indicated in the chart below.



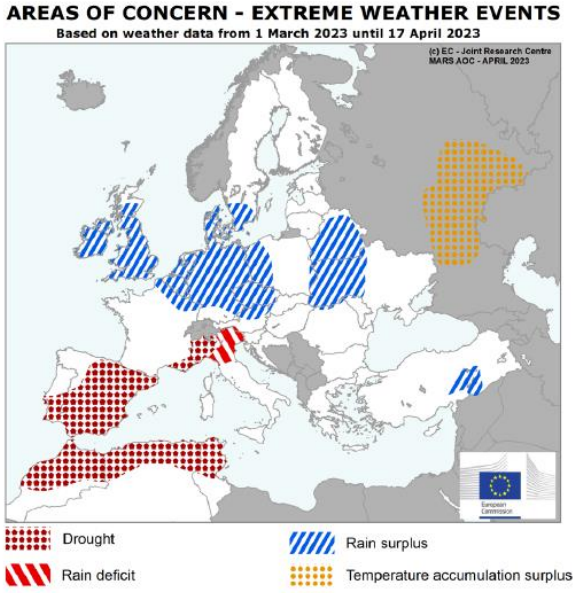
The UFP news "chart of the week 15 2023 reports that production expectations in Europe would hit record levels in 2023 according to the EU Commission. "Especially in Romania and Hungary, sunflower seed output is expected to increase significantly compared to the previous year. It is seen to more than offset the anticipated declines in France and Germany. According to the latest EU Commission estimates, around 10.9 million tonnes of sunflower seeds will be harvested in the EU-27 in 2023. This would not only be up just under 18 per cent on the previous year, but also hit a new record high. The forecast is based solely on yield increases, since the EU sunflower area will probably be around 7 per cent smaller than 2022 at 4.8 million hectares."

EU sunflower seed output set to hit record level in 2023



Read more at: https://www.ufop.de/english/news/chart-week/#kw15_2023

The reality will depend on climate conditions at sowing (not finished yet), in spring and summer. Winter has been generally much dryer than usual in Southern Europe, and water reserves are generally poor. In Spain, winter crops are already affected according to the JRC MARS Bulletin Vol. 31 No 4, April 2023 (see: https://op.europa.eu/fr/publication-detail/-/publication/1db87d18-e31d-11ed-a05c-01aa75ed71a1/language-en)



This MARS bulletin issue reports some delays in sunflower sowing in main producing regions.

Concerning the United States, the NSA was forecasting, at the end of March, a drop of 20% in sunflower production in 2023, compared to 2022 with 1361000 acres (550777 ha), of which 1203000 acres (486836 ha) oil type and 158000 acres (63940 ha) non-oil type.

(For more details see: https://www.sunflowernsa.com/stats/usda-reports/march-prospective-plantings/)

Europe: Avril acquires German sunflower protein extractor Sunbloom

In a press release dated April 21st, the French leader in vegetable oils and proteins Avril announced the acquisition of the German company Sunbloom Proteins, which specialises in the production of sunflower protein-rich ingredients for human consumption.

Located in Munich (Germany), the company employs 35 people and runs an industrial unit in Hungary. The latter's activity is based on 'the use of a unique and patented process to produce protein concentrates from sunflower seeds, a non-allergenic and non-GMO European vegetable raw material'. The resulting proteins can be used to cover a range of needs, such as alternatives to "dairy products, ready meals, plant-based drinks or desserts, bakery products and sports nutrition".

"This acquisition allows Avril to strengthen its positions in the global vegetable protein food market and thus respond to changing consumer trends," the statement said. In July 2020, Avril had signed a partnership on rapeseed protein extraction with the Dutch Royal DSM. Then, in June 2022, the group finalised the acquisition of Vivien Paille (Soufflet Alimentaire), a company specialised in the production of legume-based ingredients.

Read more on: https://presse.avril.com/avril-acelerates-its-presence-in-the-plant-based-protein-sector-by-acquiring-sunbloom-proteins/?lang=en

Scientific news

Sunflower's Circadian Clock

To know why time matters and "just before pollination, in the last stage of development, the pattern on the head changed from spirals to rings", read this interesting article of US National Sunflower Association "Sunflower Magazine" March 2023 issue, reporting works at the University of California-Davis College of Biological Sciences: https://www.sunflowernsa.com/magazine/articles/default.aspx?ArticleID=4054

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Coming international and national events

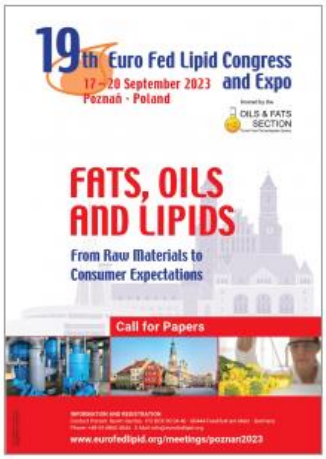
22 and 23 May 2023, Wageningen, The Netherlands: 3rd International Conference on Lipid Droplets & Oleosomes.
https://lipiddropletsoleosomes.org/

2-5 July 2023, Nantes, France: 15th International Congress ISSFAL International Society for the study of Fatty Acids and Lipids.
https://www.issfalcongress.com/

3-7 July 2023, Paris, France: 14th Biennial International Society for Seed Science (ISSS) Conference.
https://isss2023.sciencesconf.org/

17-20 September 2023, Poznan, Poland: 19th Euro Fed Lipid Congress and Expo

https://veranstaltungen.gdch.de/tms/frontend/index.cfm?l=11215&sp_id=2



1-3 November 2023, Antalya, Turkey: Broomrape 2023: 5th international symposium on broomrape in sunflower

Abstract submission and early registration deadline is July 30th, 2023.

http://www.orobans.com/en/sayfa/1028/home

2-4 November 2023, Antalya, Turkey: International Congress on Oil and Protein Crops EUCARPIA Oil and Protein Crops Section

www.protoil.org

20-24 August 2024, Bayannur, China : 21st International Sunflower Conference : www.esanrui.com/isc

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