



SORGHUM,
A KEY TO BUILD
OUR FUTURE.



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Food security : Which role for Sorghum in the EU?

Sorghum, an essential resource for food security and sovereignty and a vector for the development of new markets for human food in the North and South ?

Valérie Brochet, *Sorghum ID delegate and F.N.P.S.M.S director*



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2017 Creation of Sorghum ID

Sorghum ID, the European Association for Sorghum Development

Promoting and developing sorghum production and genetics in Europe and beyond.

Our missions:

- Federate a sector at the European level from seed to livestock breeder or processing industry.
- Conduct promotional actions related to strongest benefits of this production.
- Promote food and non-food uses for sorghum.
- Promote European genetics for sorghum
- Promote the valorisations of European production
- Promote agronomic technics to empower farmers skills for production

Our members:

- Farmers associations
- Seed Companies
- Associations of Seeds multiplication farmers
- European associations
- Research institutes
- Processing companies



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Sorghum In Europe



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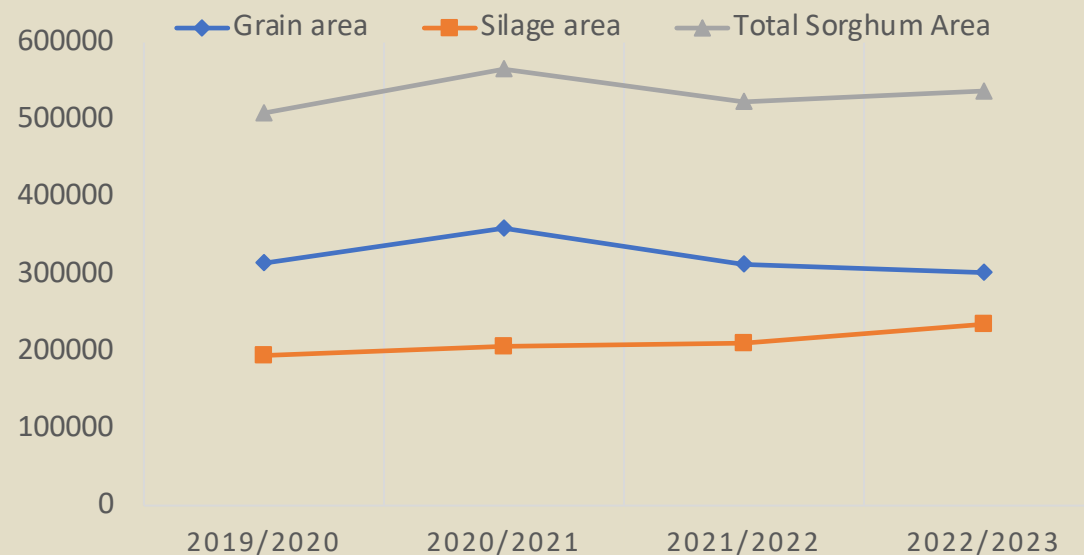


Sorghum Production in Europe

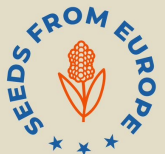
A crop with an increasing relevance

- In Europe **Between 500K to 560K ha / year over the last 4 years**
 - 60% grain and 40% silage
- Major producers in EU : France (around 90K ha), Italy (around 70K ha)
- Production, logistic and storage oriented towards feed production.
- Production EU :
 - Production 2022 : 600 000T
 - Production 2021 : 800 000T
 - Production 2020 : 1,1MT

EVOLUTION OF EUROPEAN SORGHUM PRODUCTION AREA



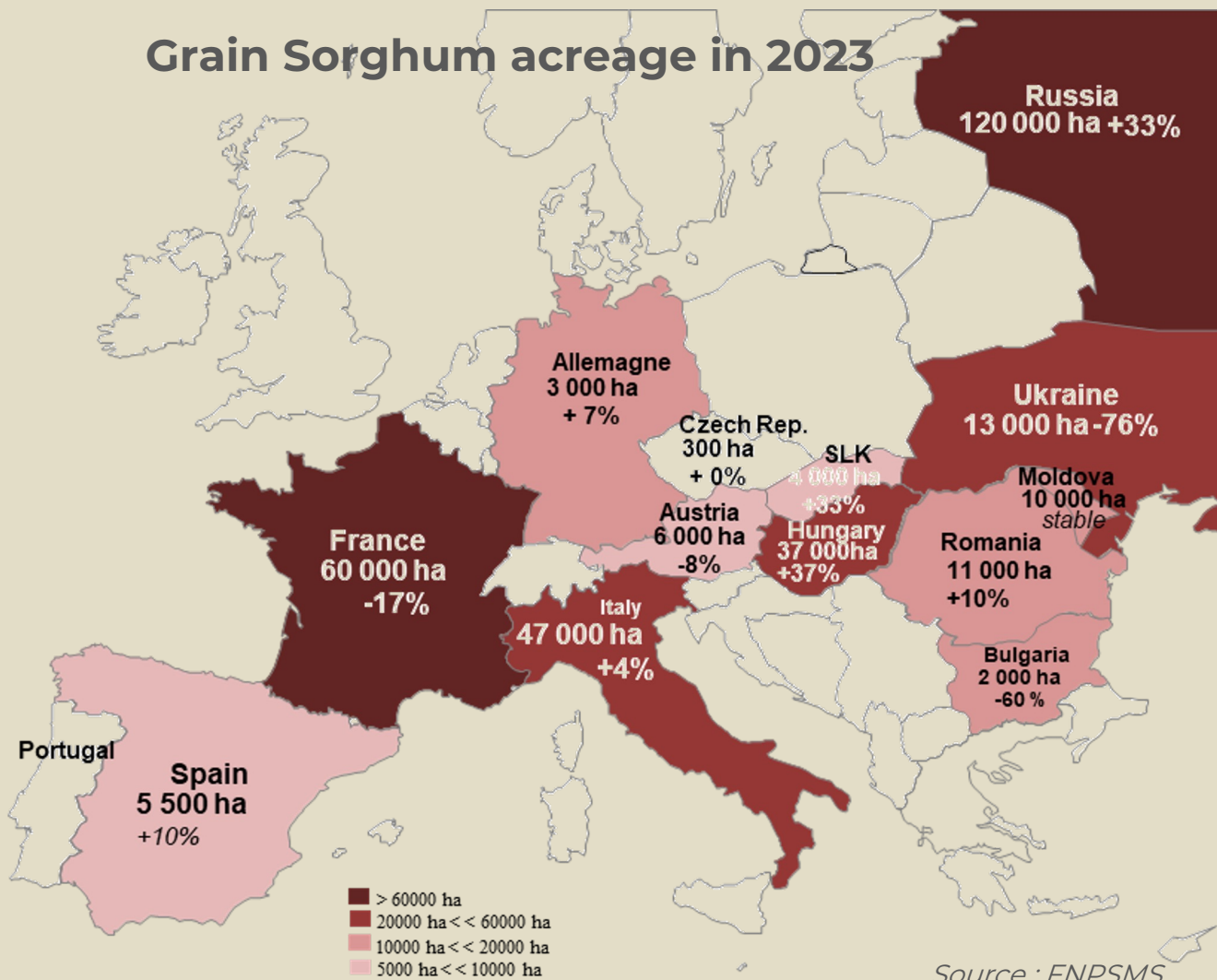
Source : Sorghum ID



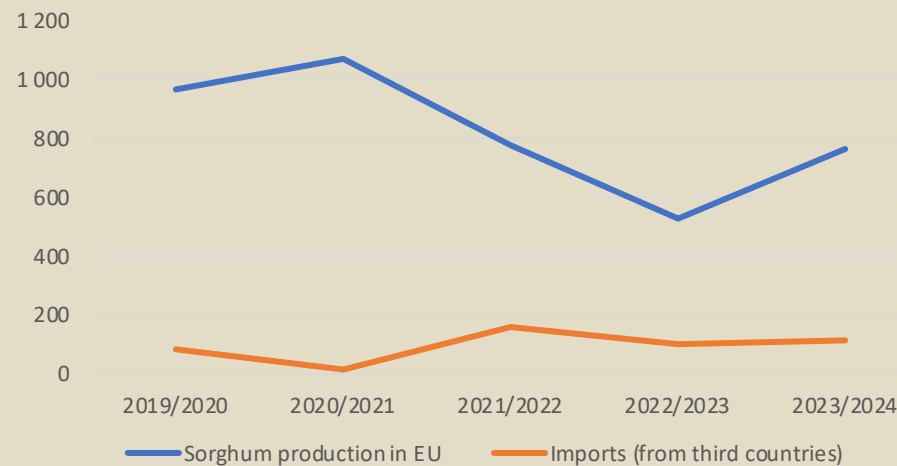
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Grain Sorghum Production in Europe

Grain Sorghum acreage in 2023



Grain Sorghum supply in EU (prod + imports)



- Acreage concentrated in France, Italy and Hungary
- Utilization destination :
 - >90% : Feed industry
 - (Small) Rest : Food processing

Sorghum Based Food Benefits for Europe

Developing a sustainable and sovereign food system

- Rustic crop needing low input (Fertilizers and pesticides)
- Low to no irrigation necessary
- Deep root system to structure and regenerate the soil
- Accessible cultivation itinerary
- Crop for diversification with “Stay Green” characteristic
- Great versatility for uses
- Development of new recipes ongoing and promising
- Favorable consumer opinion but marketing campaign to be implemented

Producing a nutritious and healthy food

- Rich in antioxidant, iron, Mg, Vitamin B, Ph, P
- Low glycemic index, No Gluten
- Rich in slow burning carbohydrates
- Cereal rich in protein and fibers
- Great diversity of delicious food :
 - Flour for pastry, biscuits, pasta, bred...
 - Whole Grain cooked preparation
- Promotional marketing necessary towards general public

Conclusion

→ **Great opportunity for a sustainable and local production system**

→ **Great diversity of product possible**

→ **Intense R&D and Marketing still necessary**



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Reality and potential of sorghum based food



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