



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

FLASHING Dundël Suuf

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EFFICIENT COMBINATION OF MINERAL FERTILIZER AND ORGANIC MATTER: FEED THE FUTURE DUNDËL SUUF STRENGTHENS ITS PARTNERS IN COMPOSTING TECHNIQUES

In partnership with the Senegalese Institute of Agricultural Research (ISRA), Feed the Future Dundël Suuf carried out soil fertility mapping in most project regions of Senegal in 2022. This mapping revealed that organic matter content in the soils of these areas is less than 2%, which is low compared with the norm, estimated at between 2% and 3% (Pascal Boivin, 2023). According to produ-

cers, this relatively low organic matter content is linked to the lack of access to quality organic matter on the market. With the aim of overcoming these constraints, the Dundël Suuf project initiated an organic matter market study, followed by the training of 32 technicians from the Regional Directorate of Rural Development (DRDR), the National Agricultural and Rural Advisory Agency (ANCAR), and the

Network of Peasant and Pastoral Organizations of Senegal (RESOPP) in composting techniques.

During the training course (see photos 1, 2, and 3), attendees participated in experiments to identify soil types and determine soil organic matter content. Attendees also learned the particularly important role of compost in soils and the different stages of composting.



Photos 1 and 2: Identification of soil types by experimentation.



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Result



Photo 3: Assessment of soil organic matter content through water color.

This was followed by a practical session on the various stages of composting, which gave the technicians a better understanding of the process (see photos 4-9).





Photos 4-9: Practical session on the stages of the composting process.

Looking ahead, the technicians will be training Dundël Suuf beneficiary producers in their respective zones, sharing these composting techniques to address the challenge of low organic matter content in their soils.

SUBSIDIZED AND UNSUBSIDIZED FERTILIZER PRICES IN SENEGAL - March 2024

Fertilizer	Type	Unit	Average price (F CFA)
DAP	Unsubsidized	50kg	36,250
	Subsidized	50kg	15,000
NPK 10 10 20	Unsubsidized	50kg	18,750
	Subsidized	50kg	-
NPK 15 10 10	Unsubsidized	50kg	17,500
	Subsidized	50kg	-
NPK 15 15 15	Unsubsidized	50kg	19,67
	Subsidized	50kg	11,000
NPK 6 20 10	Unsubsidized	50kg	16,300
	Subsidized	50kg	-
Urea	Unsubsidized	50kg	21,500
	Subsidized	50kg	12,500

Comment :

- Compared with the previous month, subsidized NPK fertilizers 15 10 10, 10 10 20 and 6 20 10 are no longer available on the market. Subsidized DAPs are back on the market.

(Source : Dundël Suuf 2024)