



FEED THE FUTURE

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

FLASHINFO Dundël Suuf

N° 32 - AUGUST 2023

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NEW FERTILIZER FORMULAS: TIME FOR CONFIRMATION!

Following the mapping of soil fertility in Senegal, in which 16 national maps were produced to provide information on soil nutrient levels, the Dundël Suuf project developed 16 new ferti-

lizer formulas in partnership with the Senegalese Institute of Agricultural Research (ISRA) and the private fertilizer sector. During the 2022/23 winter season, these fertilizer formulas were

tested on 194 plots in four agroecological zones of Senegal: Senegal River Valley, Eastern Senegal, the Groundnut Basin, and Casamance: 68 for groundnut, 59 for millet, and 67 for rice.



Photos 1,2&3 : Views of rice, millet, and groundnut test plots

Initial test results showed yield gains of up to 47% for groundnut, 26% for millet, 23% for irrigated rice, and 78.3% for upland rice, compared with the for-

mulas currently used by growers. For the 2023/24 winter season, tests are being set up to confirm the trends observed during the previous season.

In addition to these confirmatory tests on millet, rice, and groundnut, tests on maize and market garden crops may be carried out during the off-season.



This publication is made possible by the generous support of the American people through the United States Agency for International Development (USAID) under the Feed the Future initiative. The contents are under the responsibility of IFDC and do not necessarily reflect the views of USAID or the United States Government.



As in 2022, the private sector, through ICS, produced the quantities of fertilizers needed to test the new formulas and made these available to the project.



Photo 4: Receiving the fertilizers provided by ICS



Photo 5: Unloading the fertilizers at ISRA's CNRA Bambey location



Photo 5: ISRA receiving the fertilizers at its CNRA Bambey location

SUBSIDIZED AND UNSUBSIDIZED FERTILIZER PRICES IN SENEGAL - AUGUST 2023

Fertilizer	Type	Unit	Average price (F CFA)
DAP	Unsubsidized	50kg	-
	Subsidized	50kg	-
NPK 10 10 20	Unsubsidized	50kg	21,000
	Subsidized	50kg	-
NPK 15 10 10	Unsubsidized	50kg	17,333
	Subsidized	50kg	10,000
NPK 15 15 15	Unsubsidized	50kg	22,357
	Subsidized	50kg	11,000
NPK 6 20 10	Unsubsidized	50kg	17,214
	Subsidized	50kg	8,000
Urea	Unsubsidized	50kg	24,929
	Subsidized	50kg	12,500

Comment :

- DAP and subsidized fertilizer 10 10 20 are not available on the market. Compared with the previous month, fertilizer prices have decreased from 8.5% for NPK 15 15 15 to 14% for urea.

(Source : Dundël Suuf 2023)