

Universal Vaccination against Newcastle Diseases

Low-cost vaccination for poultry

The "Universal Vaccination against Newcastle Diseases" is a method for widespread vaccination in poultry. It includes thermostable vaccines, efficient logistics, easy application, and vaccinators training.



ND I-2 vaccine is available in small vials



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This technology is **TAAT1 validated**.

7·7 Scaling readiness: idea maturity 7/9; level of use 7/9

Gender assessment **3**

Climate impact **6**

Problem

- **High Mortality & Uptake:** Newcastle disease causes high mortality in poultry, with limited vaccine uptake.
- **Accessibility & Knowledge:** Vaccine access and disease knowledge are challenges.
- **Vaccination Issues:** Inconsistent application and poor systems hinder effective vaccination.

Solution

- **Thermostable Vaccines:** ND I-2 vaccine, developed from a temperature-tolerant virus strain, is resilient and effective.
- **Improved Accessibility & Knowledge:** The technology improves vaccine accessibility and enhances vaccinators knowledge.
- **Efficient Vaccination Systems:** It promotes simplified, consistent vaccination and improves overall poultry health.

0.02 USD

A dose of the ND I-2 vaccine, is inexpensive to administer

2.5 USD

per round of vaccination for 20 chickens

250 USD

local vaccination campaign at the village level



Open source / open access

Technology originally documented by

[ProPAS](#)

Commodities

Poultry

Sustainable Development Goals



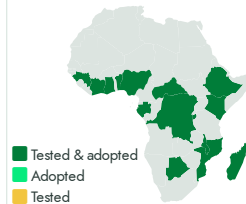
Categories

Production, Practices,
Animal waste management

Best used with

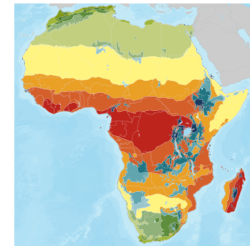
- [Biosecurity for Disease Prevention](#)

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups



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<https://e-catalogs.taatafrica.org/org/technologies/universal-vaccination-against-newcastle-diseases>

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