FACT SHEET | BIOLOGICAL CONTROL OF PEST ON VEGETABLE CROPS USING NEEM AZADIRACHTA INDICA OIL

KHWA Knowledge Hub for Organic Agriculture and Agroecology in West Africa

KCOA Knowledge Centre for Organic Agriculture and Agroecology in Africa

Vegetables are cultivated for human consumption and are an essential part of our diet which give majorly vitamins and minerals. Examples include tomatoes, lettuce, carrots, spinach, and bell peppers etc which can be affected by pests like aphids, whiteflies, mealybugs, caterpillars, slugs, snails, scales and cutworms causing direct injury to the plants and from the indirect consequences of the fungal, bacterial or viral infections they transmit.

The pest can be controlled biologically by managing the population of pests without chemical pesticides. It has the advantage of being effective, environmentally friendly, and self-sustaining.









Control: Application rate



Neem oil of 100 ml is poured into 15 litres of water mixed with 40 g black soap (locally made soap but very popular across Nigeria to enable the pesticide stick to the plants rather than just slipping from the plants when sprayed)

Spraying period and frequency

Spray the biopesticide on plants in the evening. Spraying should be done once every 2 weeks till no more pest signs and symptoms

german cooperation DEUTSCHE ZUSAMMENARBEIT

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