



MANUFACTURE OF NOVEL ORGANIC FERTILIZER

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OBJECTIVES/AIMS

- TO PROMOTE FOOD SECURITY/ HIGH YIELDS
- TO PROMOTE ENVIRONMENTAL CONSERVATION.
- ENCOURAGE PRODUCTION/ USE OF ORGANIC FERTILIZER
- PROVIDE AFFORDABLE FERTILIZER
- UTILIZATION OF LOCAL RESOURCES
- TO CREATE EMPLOYMENT

METHODS

- EXTRACTION OF SULPHURIC(IV) ACID FROM WASTE CABBAGE
- REACTION OF TRICALCIUM PHOSPHATE FROM BONES/ SHELLS
- EXTRACTION OF PHOSPHORUS FROM BONES (PHOSPHORIC ACID)
- EXTRACTION OF AMMONIA FROM RABBIT URINE/ POOPS
- EXTRACTION OF POTASSIUM IONS - ASHES

RESULTS



A brown substance was been realized Its N.P.K composition is 30-3.2-12

CONCLUSION

- Novel organic fertilizer is pure good and it has really helped to sustain our soils since it is the Cheap alternative fertilizer to the nation and world at large should be taken as a way to enhance production of food to the nation and also the whole world.

ACKNOWLEDGEMENT

- Much thanks goes to Former KTTC principal Madam Hilda Omwoyo for her encouragement towards my innovations