NEW ALTERNATIVE NUTRITION SUGGESTED FROM HERBAL PLANT ROOTS, PART II

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Abstract:

It's well known that population explosion the hall world, and especially in Arab world were the reason behind the great raises in the processed and natural food, like livestock, wealth plant etc. Therefore this application a trial to prove alternative nutrition for human in difficult conditions especially in natural disaster and wars. The application included many stages.

First stage; water extraction from Herbal plant and calculate their concentration.

Second stage; determination the composition extract qualitatively like carbohydrate, protein, Fats and minerals by Biochemical methods.

Third stage; applied a specific dose extract on animal lab (rodent) rats though out three groups for six weeks and studies the psychological behaviors like general appearance, sensorimotor behavior immobility and its reflexes, locomotion, skilled movement, and species-specific behaviors.

Fourth stage: Blood test, as glucose level, lipid profile tests, kidney functions tests.

Final stage: Histopathology Tests for Kidney, Liver and Intestine.

All the Biochemical results showed within normal values with no any significant changes. This gave the extract the power and ability to be one of the good supplement product for the near future.

Key words: Nutrition, Alternative foods, Herbal Plant.