



KG MATRIC HIGHER SECONDARY SCHOOL

ANNUR



NATURAL MOSQUITO REPELLENT

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SYNOPSIS

- AIM & OBJECTIVE
- MOSQUITO
- DISEASES CAUSED BY MOSQUITO
- PLANTS AS NATURAL MOSQUITO REPELLENT
- PREPARATION
- CONCENTRATION
- BENEFITS



AIM &

OBJECTIVE:

To eradicate

mosquitoes by

natural method

MOSQUITO

Mosquitoes are the deadliest insects.

SCIENTIFIC NAME : Culicidae

FAMILY : Culicidae,meigen,1818

CLUTCH SIZE : 100-200

ORDER : Diptera

LIFE SPAN:

female:42-56 days(large adult)

male :10 days(large adult)

DISEASES CAUSED BY MOSQUITOES

- *Malaria*
- *Dengue*
- *West nile virus*
- *Chickungunya*
- *Yellow fever*
- *Filariasis*
- *Tularemia*
- *Japanese encephalitis*
- *Ross river fever*
- *Zika fever , etc.,.*


PLANTS AS NATURAL MOSQUITO REPELLENT

Plants that have tendency to repel mosquitoes are

- Neem
- Basil
- Citronella
- Floss flower
- Garlic
- Lavender
- Lemon balm
- Lemon grass
- Marigold
- Peppermint
- Pennroyal
- Rosemary
- Sage , etc.,.




PREPARATION

- Grind the leaves of above mentioned plants with water by mortar & pestle
 - Filter the liquid thoroughly
 - Pour the filtered liquid in a empty refill
 - Fit the refill in a all out machine(else any other company product)& allow to evaporate.
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CONCENTRATION

- Increase the concentration of Neem in comparison to other components because it contains Azadirachin.
 - It reduces insect feeding and as a repellent .It also interferers with insect hormone systems, making it harder for insects to grow and lay eggs.
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BENEFITS

- The plants used here contains neptalactone , citronella , pyrethrum , coumarin which is not harmful to us.
- If we grow these plants in our garden,it gives the natural fragrance which elevates our mood.
- Example:Peppermint can improve an individuals concentration and makes our mind relax.



THANK YOU!!!!