

LEAF EXTRACT TO CONTROL MOSQUITO BREEDING

It is proved that leaf extract of *Agave americana* has a larvicidal efficacy (1, 2, 3, 4). Plant extract is eco-friendly and biodegradable. Therefore it is recommended to use crushed leaf pieces (1-2 inches in size) in cotton muslin drawstring reusable bags (5) and put in the desert coolers, plastic containers and water holding containers so that leaf extract will be released in the water, which will prevent the mosquito breeding. This process may be repeated at interval of 3-4 days.

1. N. S. Dharmshaktu, P. K. Prabhakaran and P. K. M. Menon (1987) Laboratory study on the mosquito larvicidal properties of leaf and seed extract of the plant *Agave americana*. Journal of Tropical Medicine and Hygiene, 90: 79-82.
2. N. S. Dharmshaktu and P. K. M. Menon (1983) Larvicidal property of three species of Genus *Agave* (Fam : Amaryllidaceae). Journal of Communicable Diseases, 15 (2): 135-137.
3. NCDC Report on laboratory study.
4. North DMC Report on Laboratory study.
5. Cotton Muslin Drawstring Reusable bags

