

EM use in households

“Effective Microorganisms” (EM) is made from organisms which are found in nature and most of which are used for fermentation of human food, for example curd bacilli, yeast etc. It contains no genetically modified organisms.

EM can be used in gardening, farming, and animal husbandry, fish culture, composting and solid waste management, wastewater treatment, for elimination of bad odors, for control of flies, cockroaches and other pests, control of ticks and mites on pets, control of fungus and mouldy odours, on surfaces in households for surface cleaning, in drains and toilets, for laundry, in ant channels and pools.



Cleaning of kitchen with AEM and toilet cleaning with AEM

In the following table find indications on use, dilution and dosage of extended or activated EM solution (abbreviated as AEM or EMA) for various household applications. (All dilutions with water, preferably non-chlorinated).

Surface cleaning of floors – add 50 ml of AEM to a bucket of water:

- for mopping or cleaning of floors with cloth or scrubber; in bathrooms, for tiled walls, in sinks, inside and around toilet bowls – apply undiluted in adequate amount and keep overnight; use a small household sprayer;
- laundry – for example by adding 50 ml of undiluted AEM per run of a washing machine, or by soaking and rinsing washed clothes with 50 ml per bucket of water;
- in kitchen and refrigerator – clean with adequate amount of AEM diluted at 1:500, occasionally;
- in drains, toilets, and sinks – pour 20 to 50 ml undiluted AEM after the last use in the evening and keep overnight;
- on leather (against mould) – undiluted, in appropriate amount, every ten days;
- on carpets and mats – clean with a dilution of 1:50, in appropriate amount, according to need between twice a week and once a month;
- in shoe boxes, on shoes, (also inside cars) – clean with adequate volumes of AEM diluted 1:50, occasionally;
- in closets, chests, on shelves – moist slightly, occasionally;
- on clothes and underwear – moist slightly, occasionally;

- for pets – after brushing, rub appropriate amount into fur in a dilution of 1:500;
- for garden ponds and water tanks (non-drinking water) – add to make a dilution of 1:10,000, occasionally;
- in the garden – use AEM in a dilution of 1:1.000, in appropriate amounts during seeding and planting; use with liberal amounts of mulch and compost.

Note of caution: Do not apply undiluted AEM on surfaces that suffer from application of acids such as, for example, vinegar or lemon juice; these surfaces will also suffer from the acidity of undiluted AEM.