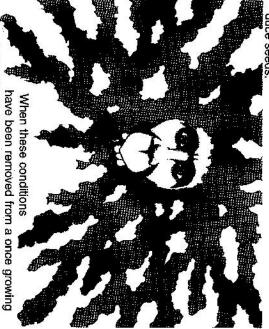
producing tiny spores into the air, much like plants progen. When these conditions are present, molds grow by degrees and 100 degrees (F). Finally, mold needs oxy-Also, mold needs a temperature range between 40 mean a surface containing above 70% relative humidity. moisture on the growing surface, normally determined to hydrocarbons). In addition to a nutrient base, molds need sugar, cellulose, lignins, fats, proteins, and complex to thrive, which can be almost anything (e.g. starch, almost any organic material. They need a nutrient base environment. Molds are "Digesters" and "Recyclers" of spores. Molds decompose dead organic matter in the high in the atmosphere is loaded with molds and their Juce seeds The entire biosphere, from deep in the soil to



are recognizable as black, brown, green, or white growth colonies on visible surfaces can be seen. They mold and mold spores are microscopic, thriving mold revitalize when the growth conditions resume. Although mold colony, the colony becomes dormant but can

MOLD AND HEALTH:

this immune system is deficient in some way, we are said vast and complicated immune system. However, when affected by mold presence. Humans are generally unafulation. to molds are thought to constitute up to 20% of the popto have an allergy. Mold spores contain allergens, irrifected by the multitude of mold fungi because we have a tants and, in some cases, toxins. People with allergies Generally, people with allergies are the ones

> doses of potentially toxic spores resulting in serious illcase reports are rare, and a causal link between the such as pulmonary hemorrhage or memory loss. These that people should avoid living around indoor, moldy presence of the toxic mold and these conditions has not experience slight discomfort such as a mild fully understood as to the sorts of harm and the required been proven". However, although the science is not yet (sensitivities) to mold. Some may only ness, there is a consensus among health professionals inside homes can cause unique or rare health conditions headache while others may have more severe reactions such as nausea. Adverse health affects from exposure to mold are produced by a complex inter-relationship among the type of mold, exthat toxic molds (those containing certain mycotoxins) tent of exposure, the individual's sensitivities, and There are degrees of allergies the individual's age. According to the Center for and Other Molds: "There are very few case reports Disease Control (CDC) in their publication: Questions and Answers about Stachybotrys Chartaum

MOLD CONTROL

ed bathroom. Remove the moisture and you control the trol is to identify and correct the source of moisture. mold. Therefore, the first and essential step to mold conin sump pits while mold would thrive in a poorly ventilatface, not a wet environment. For example, bacteria thrive Unlike bacteria, mold like a damp growing sur-

ture) in a house: There are 13 recognized sources of water vapor (mois-

- RoofLeaks
- 2. Leaking Gutters
- Overgrowth of Foundation Plantings
- Overcrowding Poor grading
- Unvented Dryers
- 7. No Bath Exhaust Fan
- Unconditioned Foundation Crawl Space
- Underinsulation
- Use of Heavy Drapes Over Windows (particularly tight replacement windows)
- Excessive Humidification
- 12. Unheated, uninsulated Wall or Ceiling Surfaces (e.g. closets that are isolated from conditioned space by unvented doors or excessive storage) Unvented Heating Equipment.

mally skilled in analyzing such water and moisture probems, American Society of Home Inspectors (ASHI) are nor-Home Inspectors who are members of the

almost everyone uses air conditioning. ago because our building envelopes are tighter and good water control, inside and out, mold cannot thrive. This task is much more difficult today than thirty years Where houses have frequent air changes and



advise that all molds should be treated the same. That is, States Environmental Protection Agency (USEPA) and ation experts. Professional authorities such as the United Professional Resources section of this report for remedican be pervasive and concealed in wall cavities, ducts, water to 1 part bleach). On the other hand, mold growth mend using bleach in a 10: 1 ratio with water (10 parts with bleach and water". Remediation experts recomcases molds can be removed by a thorough cleaning Center for Disease Control (CDC) states that "...in most sible areas, bleach will usually be quite effective. The remove all varieties of mold. Although the press and tionship of molds to health, we should control and because of the complex and not fully understood relathe United States Center for Disease Control (CDC) you will need professional, outside help. Consult our behind vinyl wallpaper, or in carpet. In these instances