

Creating the home you've been dreaming of!

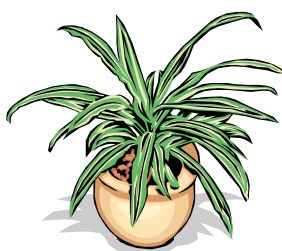
DOING IT RIGHT

With help from D4 Construction

Vol. 4 # 5

Cleaner Air... The Inexpensive Way

Getting rid of toxic air with... Plants?!



Certain plants are excellent at ridding the air of pollutants and toxins!

Gardeners have known it for a long time and now science is proving it - houseplants not only add beauty to your home but they're also a valuable weapon against indoor air pollution, absorbing harmful chemicals and improving air quality.

You're kidding me - right?

Studies conducted in a US space center in the early 1980s provided evidence that the ability of houseplants to improve indoor air quality and your health is no longer a matter of guess-work but of scientific fact.

After more than 10 years of extensive research we now have a better understanding of how plants remove indoor pollutants.

Using ingenious methods plant can protect themselves from would-be enemies...

- Tropical plants, for instance, excrete substances that protect their leaves from airborne molds and mildew.

When these plants are placed in an indoor environment, they continue to suppress airborne mold spores.

It's these tiny microbes that are nature's biological cleaning machines.

Houseplants = Air sanitizers

The most common harmful airborne chemicals found in the average home are:

- Formaldehyde
- Benzene
- Trichloroethylene
- and carbon monoxide.

Certain plants are excellent at ridding the air of these pollutants and toxins - the leaves absorb these chemicals from the air and transport them inside the plant tissue down to the roots.

Here the tiny microbes get to work, and because many of these chemicals have structures similar to components found in tannic and humic acids, the microbes are able to adapt and biodegrade these chemicals also.

This explains the plants' ability to improve our indoor air quality.

Which plants are best?

Plants that rate highly as indoor purifiers include:

- Chinese evergreen
- Areca palm

Doing it Right



You can breathe a little easier when you add these plants to your home!

- Reed palm
- Dwarf date palm
- Boston fern
- Janet Craig dracaena
- English ivy
- Australian sword fern
- Peace lily
- Rubber plant
- Weeping fig

The most effective in removing formaldehyde:

- Philodendron
- Spider plant
- Golden Pathos

The most effective in removing benzene:

- Gerbera daisy
- Chrysanthemum

All of these plants are also effective in removing low levels of carbon monoxide.

As a general rule two or more medium to large plants (14"-16" containers) per 100 square feet of area is sufficient though more plants would be even better.

A final thought...

Plants alone may not be the total solution when you have serious indoor air quality issues, but they're a great start.

Beautify your surroundings and breathe a little easier by adding several of these living air cleaners to your home. You'll feel better while making your indoor environment a pleasant place to live.

Upcoming Topics

⇒ Lights for Cleaner Air?

⇒ Exchanging the Air...

⇒ The Dangers of Mold—1

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D2 — Your job will be completed the way you want it done.

D3 — If you aren't satisfied with the finished product we'll fix it for free.

D4— All work comes with a 2-year guarantee on workmanship

For more information:

If you're interested in:

- Protecting the value of your home
- Turning your house into your dream home
- Have remodeling questions—needs

***Then you need to call Mike Spruyt
250-572-4812***