

3M™ Window Film

Effects on House Plants

Effects on House Plants with 3M™ Sun Control Window Film Applied On Glass

KNOWN FACTS

1. Growth and development requirements vary with different plants
2. Growth and development depend upon light, temperature range, exposure, humidity, CO2 levels, etc.
3. For sufficient growth, the wavelength of 400-700 nm is important for photosynthesis (greening process)
4. 700-850 nm range is required for the photomorphogenic process (flowering process)
5. Most greenhouses have artificial light to supplement natural light (day vs. night, summer vs. winter, cloudy vs. sunny)
6. UV is damaging to most green plants
7. Extreme temperature variations are detrimental to plant growth
8. 3M Sun Control Window Film will help reduce solar heat gain, temperature buildup and moisture loss (Plants may require less water after film is installed, so care should be taken not to drown plants from over watering.)

WHAT TO DO WHEN IN QUESTION?

Contact a local horticulturist, college or university extension office

- Provide type of plant(s)
- Provide percent reduction of visible light, UV and solar heat with specific 3M™ Sun Control Window Film applied to glass
- Consult your local Agricultural Extension agent

Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



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