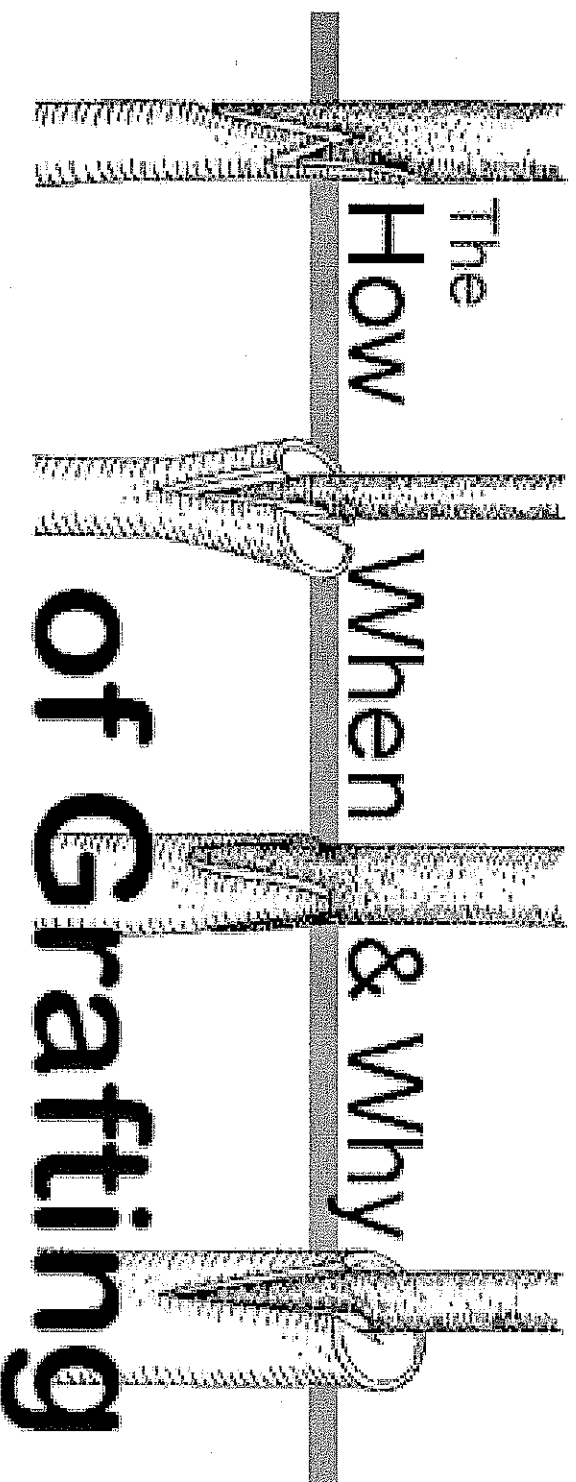


# Horticultural Distance Learning



## For gardeners

<http://instruct1.cit.cornell.edu/courses/hort494/mg/>

KW Mudge, et.al  
Dept. Horticulture  
Cornell University



Winner of the American Distance  
Education Consortium



*Outstanding Educational Program Award, 2001*

# The How When and Why of Grafting (HWWG)



By Ken Mudge

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Cornell University

Contributors: Bill Head (SUNY, Morrisville), Kelly Hennigan (graduate student)

## Asynchronous instruction in the principles & practices of grafting

- Web-based “*Lectures*” (text, images, hyperlinks to external sites)
- Web-based *Interactive Discussion Board*
- *Hands-on Laboratory Exercises* with Hibiscus, supported by Web-based instruction, fully integrated with grafting videos on CD

A screenshot of a Netscape browser window. The title bar reads "Lab II T-budding - Netscape". The address bar shows the URL "http://instruct1.at.cornell.edu/courses/hort194/gortage/lab\_exercises/TeaBudLabFrm.html". The page content includes a section titled "2. Cutting the stock plant" with a note: "Note: The upright T-bud is the most common approach, especially in the temperate zone. In regions of high rainfall, an inverted T-bud is often used, so that rain water can drain from the bud pocket." Below the text is a photograph of a plant stem with a graft union. To the right of the photo is a small thumbnail image of a plant with the text "tropical hibiscus".

2. Cutting the stock plant

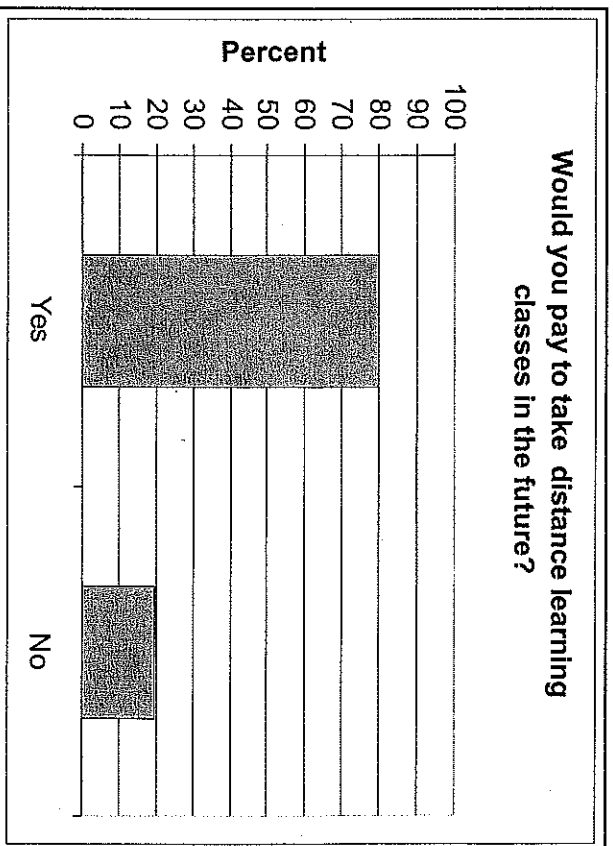
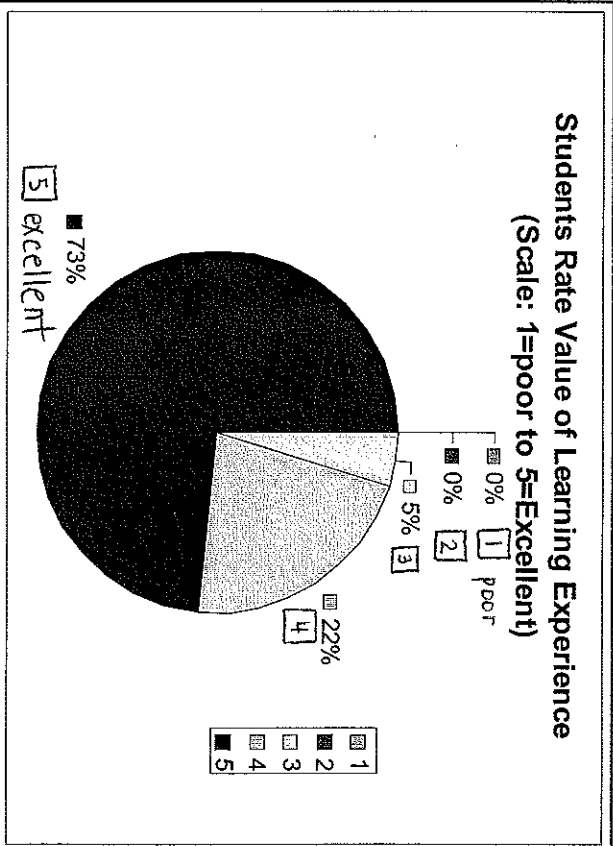
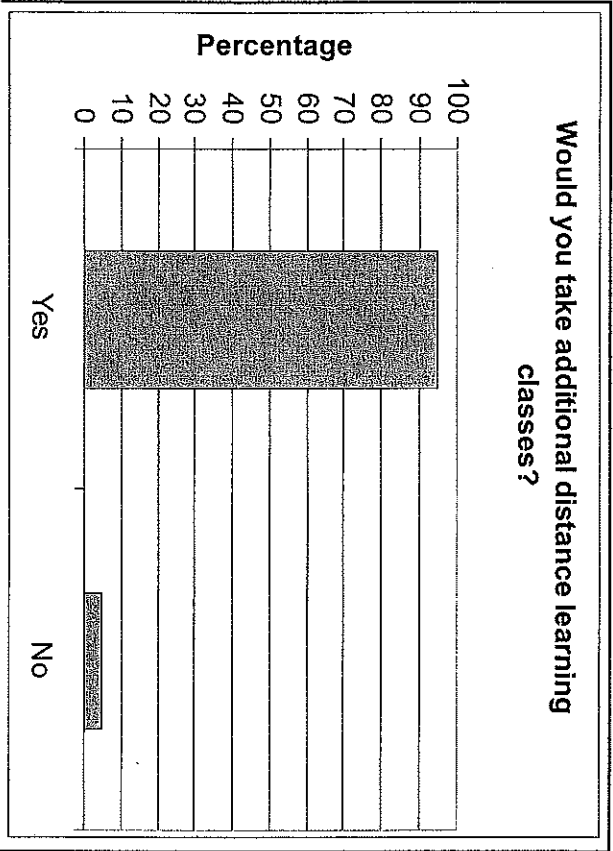
Note: The upright T-bud is the most common approach, especially in the temperate zone. In regions of high rainfall, an inverted T-bud is often used, so that rain water can drain from the bud pocket.

After reading through the following steps view the first video:

- Make the first horizontal cut with your grafting (or budding) knife, by pushing the blade of the knife through the bark, down to, but not deeply into, the underlying wood. This can be done with a roll motion rather than with the tip of the knife. This horizontal cut

## Feedback From Previous Students, mainly Master Gardeners, indicates demand for additional Horticultural Distance Learning

HWWG was taught twice as a ten week, non-credit course, to amateur gardeners (Fall 2000, Spring, 2001) in collaboration with Cornell Cooperative Extension



# **Horticultural Distance Learning Modules**

## **Currently Under Development:**

- *Micropropagation*
- *Biological Pest Control*\*
- *Greenhouse Management*\*\*

Supported by a USDA, Agricultural Telecommunications Grant

\*Collaboration with SUNY Delhi

\*\*Collaboration with SUNY Alfred