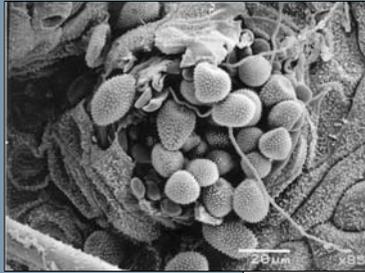


Asian soybean rust (ASR)  
cannot survive  
without a  
living host

*Pakopsora  
pachyrhizi.*  
(Image from  
B. Richardsson and  
C. Mims)

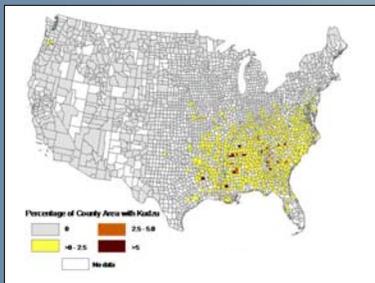


Asian soybean rust on  
kudzu. (Images from G.  
Hartman and T. Isakeit)

Asian soybean rust  
reproduces and  
overwinters on kudzu



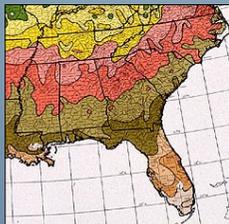
Kudzu distribution.  
(Map courtesy A. Ariatti)



## Kudzu Biological Control

An aggressive, fast-  
acting, native fungus  
can defoliate and kill  
kudzu

Kudzu often escapes  
killing freezes, thus it  
retains green tissue year-  
round.



USDA hardiness  
map. Southern  
Florida, the Gulf  
coast and some  
protected inland  
sites may harbor  
ASR.

## The Need for Kudzu Control

Kudzu is the only N. American over-  
wintering host for ASR.

Killing or defoliating kudzu in the  
deep South may greatly reduce ASR  
inoculum for all soybean producing  
regions of the U.S.



Kudzu 24 hrs after  
treatment with biological  
control fungus