



Lesson 5: Case Study Worksheet

Asian Soybean Rust *Phakopsora pachyrhizi*

1. Study the soybean rust from the case study materials. What conditions are most suitable for developing soybean rust? How can soybean rust be transferred? Why is this pathogen unusual when compared to other rust species?
2. If soybean rust is suspected to be present on soybean or other hosts in the United States, what should be done?
3. Why is it difficult to control the disease? What plant biosecurity management response(s) has (have) been successful in other countries? Why are quarantine and eradication efforts (in the United States) not practical at this point in time?
4. What are the current recommendations for controlling (and preventing) the disease as it appears in the United States?
5. What are the ramifications of this disease to soybean growers and local governments? Do you believe this disease has national significance as a plant biosecurity issue? Why or why not?
6. Soybean rust is an airborne fungal disease. What are the implications should soybean rust further creep into the United States and/or nearer its borders?