

Plant Pathogen Wanted Poster Grading Rubric

Category	Level 4	Level 3	Level 2	Level 1
1. Photographs	There are two excellent photographs of the pathogen and infected host in color.	There is one excellent photograph of the infected host, and one picture or drawing of the pathogen.	There is only one photograph of either the infected host or pathogen itself, neither of which are in color.	There are neither photographs of the infected host nor pathogen.
2. Identification	There is an excellent description of the Identification of the pathogen including reference to sign and symptom as well as a diagnostic test in the field or laboratory.	There is a basic description of the sign and symptoms of the disease. There is no reference to a diagnostic test in the field or laboratory.	There either a reference to a sign or symptom, but not both. There is no reference to a diagnostic test in the field or laboratory.	There is no reference at all to sign, symptom or diagnostic testing.
3. Information	There are excellent descriptions (or drawings) of its life cycle, reproduction, category, taxonomy, Alias, and any known accomplices.	There are basic descriptions of its life cycle, reproduction, category, taxonomy, Alias, and any known accomplices.	There is information missing concerning: life cycle, reproduction, category, taxonomy, or Alias/Accomplices.	There is no information about the pathogen listed.
4. Host / Reservoir	An excellent description of the pathogen's common victim(s) and where it hides out. Describes the motives of the pathogen in selecting its victims/host.	A good description of the pathogen's common victim(s) and where it hides out.	A good description of either the pathogen's common victim(s) or where it hides out, but not both.	There is no mention of hosts or reservoirs for this plant pathogen.
5. Transmission / Vector	An excellent synthesis of its M.O. including its type of disease diffusion over space and time.	A basic description of the pathogen's M.O. over space and time.	A basic description of how the pathogen moves over space, but not time or vice versa.	There is no mention of the method of transmission or any vectors.
6. Occurrence	A data driven figure (with numbers and map) of its geographic distribution. This includes how virulent it is with an appropriate rating from 1 to 10.	A general outline of its geographic distribution with a rating of its virulence.	A basic outline of its geographic distribution or a general rating of virulence but not really based on any evidence of researched data.	There is no mention of any occurrence of this disease.
7. Incubation / Communicability	Using a reference to the disease triangle, skillfully explains how the environmental factors play a role in its incubation and communicability.	Gives a general description of the environmental factors the pathogen favors for incubation and communicability.	Gives a basic observation of what weather the pathogen prefers without any reference to incubation and communicability.	There is no mention of an incubation period or time of communicability.

8. Susceptibility	Skillfully describes which plant(s) are most susceptibility and why. There are also inclusions to how human interactions and methods contribute to the propagation or exposure of plants to this particular pathogen.	Describes which plants are most susceptible and gives some description of factors that could contribute to this susceptibility.	Gives a basic description of which plants are more susceptible or factors that could contribute to its susceptibility, but not both.	There is no mention of any type of susceptibility in particular hosts.
9. Control / Management	Describes the processes of Quarantine, Cultural, Plant Resistant, Chemical, Biological, and Integrated controls and management of the pathogen.	Describes a few of the processes of Quarantine, Cultural, Plant Resistant, Chemical, Biological, and Integrated controls and management of the pathogen.	Describes at least half of the processes of Quarantine, Cultural, Plant Resistant, Chemical, Biological, and Integrated controls and management of the pathogen.	There is no mention of any type of control or management strategies.
10. Significance	Provides actual data on the Economic Cost of lost crops or plants, and Historical context or Ecological Impacts of this plant pathogen.	Provides some rough data of the economic cost of the famine with some reference to historical and ecological impacts.	There is some basic reference to the cost (no data) and some historical or ecological impact but not both.	There is no mention to any significance this pathogen has on the environment or human life.
Professionalism	The Wanted Poster is visually engaging to the reader and written in a fun but informative style of a 1800s Wanted Poster. It is neat, good spelling/grammar (clear), and turned in on time.	The Wanted Poster is visually pleasing and has a format that lists the information that is crucial. It is mostly neat, clear and turned in on time.	The Wanted Poster contains basic, bulleted information with very little effort. The Wanted Poster is one day late.	The Wanted Poster is visually displeasing, unclear and has very little information. It has been done with minimal effort or is 2 or more days late.
Bibliography / Works Cited	The bibliography is cited correctly with at least 3 credible sources, one of which being a book or journal.	The bibliography is mostly cited correctly with 3 credible sources, one of which may or not be a book or journal.	The bibliography is cited incorrectly and has 3 or less sources which are not credible.	There is no bibliography provided.
Lab Pages	The lab report is included with the Wanted Poster, and all sections are complete with thoughtful responses.	The lab report is included with the Wanted Poster, and $\frac{3}{4}$ of the sections are complete with thoughtful responses or all complete with some basic responses.	The lab report is included with the Wanted Poster, and is $\frac{1}{2}$ complete with thoughtful responses or $\frac{3}{4}$ complete with some basic responses.	The lab report is not included with the Wanted Poster.

Total Points: _____

Converted to 100 point scale = _____%