

PLANT PATHOLOGY SECTION – SF

Judging: Monday, 2:30 p.m. - 7:00 p.m.
Premiums: Blue – 6 units; Red – 4 units; White – 2 units

CLASS NUMBER

- SF-1 **LEAFSPOT COLLECTION BOOKLETS** - As described in "Know Your Plant's Disease" 153L-116, activity 1, and "Know Your Tree Diseases", 153J-117, activity 2, leaf disease notebooks or diseased plant specimens in Riker mounts may be exhibited. Follow the instruction in L-116 and J-117.
- SF-2 **OTHER PLANT PATHOLOGY EXHIBITS** - based upon county or self-initiated projects, or other exhibit ideas generated in L-116 and L-117.
- SF-3 **INSECT AND DISEASE CONTROL ON VEGETABLES** - projects must exhibit a 4-H member's experience in, and knowledge of, this subject matter. Suggestions for projects are included in the Member's Guide M-11-3 of the same title. Exhibits derived from these projects should include one of the following:
- 1) A display of preserved plant specimens, either pressed, dried or otherwise preserved in as life-like a form as possible, exhibiting symptoms of insect injury or plant disease. Where possible, the insect which caused injury should be properly mounted and included in the display. All specimens should be labeled as follows:
 - a) vegetable name
 - b) insect or plant disease name
 - c) date specimen collected
 - d) collector's name and countyIncluded with the display or in some way incorporated in it should be information indicating what was done to manage the pest and show successful treatment.
 - 2) A poster display showing the layout of your garden, and indicating specific steps taken to manage pests in your garden within the past year or two. A record book may be presented indicating dates on which problems were observed, treatments were utilized and observations were made as to the effectiveness of these treatments. This poster should attempt to teach those who examine it some of the principles of pest management that you are familiar with. Photographs, drawing and other visual aids may be used where appropriate. Judging will be weighted on an evaluation of the 4-H member's understanding of the subject and effectiveness of the poster as a teaching aid.
- SF-4 **FUN WITH FUNGI** - Fungus Collections must have a minimum of 12 distinctly different kinds of fungi (at least one gill fungus, one pore fungus, and one bracket fungus). Consult "Fun With Fungi," 153J-115 for more display ideas. Displays should attempt to exhibit knowledge gained about fungi and their role in the environment. Collection boxes should have removable covers to allow close examination of each specimen during judging. Photographs of fungi may be displayed according to the General Information in the Photography Section. Fungi in photos must be identified by their common name and/or scientific name. Include with the title or caption the date & location of the photo. Suggestions include:
- a) Photograph of a single fungus or group of fungi
 - b) A collection of 3 or more photographs of different fungi
 - c) Four close-up photographs taken hours, days or weeks apart, showing the growth and development of the same mushroom.
 - d) Three photographs taken one each during Spring, Summer and Fall. Or four photographs including one in Winter.
- SF-5 **PLANT PATHOLOGY OPEN CLASS** - Class is an option for exhibits that fall outside the categories described above.