

NEZARA viridula

P-Patch TIPS are reference documents that address topics related to the development and ongoing management of P-Patch Community Gardens.

Tip

PP410

3/14/16

Introduction

The Southern Green Stink Bug (in the UK referred to as Shield Bug), *Nezara viridula*, new to Seattle (Summer 2014) and really showing up in larger numbers this year. They seem to have been first sighted and established themselves in Central Seattle. *Nezara viridula* is native to Africa, tropical Asia, South America and Southwestern Europe.

Educate yourself and others

Organic pest controls revolve around knowledge of the pest.

- What is the life cycle of *Nezara viridula*?
- What are *Nezara viridula*'s habits, preferred habitat and food sources?

Information that can help in organic control

- Trap crops are referenced in some of these fact sheets. Beans in the summer and brassicas in the spring and fall.
- *Nezara viridula* seem to like to hang out in marigolds and calendula when not feeding and for egg laying so look there to find and destroy.
- You might be best served removing all the plants they are on and destroying them.
- Two types of insects can parasitize *Nezara viridula*, *Trichopoda pennipes*, a fly and *Trissolcus basalus*, a small wasp but they most likely are not residents in this area. The PNW most certainly has other species that may in time discover *Nezara viridula* as a resource.
- *Nezara viridula* prefer wild host plants and can switch hosts. There is a wide range of types of host plants.
- *Nezara viridula* LOVE legumes, peas and beans
- All P-Patch gardeners should be alert to this new population of garden pests! It will have to be a communal effort for us to control this new insect pest in Seattle. As we learn more about their habits in the north-west we will be able to manage them better.



Life cycle drawing: www.britishbugs.org.uk

TIPS should not be used as a substitute for codes, regulations, or rule requirements. Individuals are responsible for compliance with all code, regulatory, and rule requirements, whether or not described in this TIP..

Identify-Search-Destroy!

HAZEL HEIGHTS P-PATCH - *NEZARA viridula*-
SEPTEMBER 27, 2015
ALL OF THESE *N. viridula* ARE NYMPHS**



CAN YOU IDENTIFY WHAT INSTAR*** OF THEIR LIVES THEY ARE IN?

**NEZARA viridula*- is the Latin name for a specific kind of Stink or Shield Bug. You may find other types of stink bugs as well.

****Nymph** *noun* \ 'nim(p)fl (Greek: νύμφη, nymphē) 1- any of the minor divinities of nature in classical Greek and Latin mythology represented as beautiful maidens dwelling in the mountains, forests, trees, and waters. Merriam Webster Dictionary

2- the immature form of some invertebrates, particularly insects, which undergoes gradual metamorphosis (hemi metabolism) before reaching its adult stage. Unlike a typical larva, a **nymph's** overall form already

resembles that of the adult. Wikipedia

*****Instar** *noun* in·star \ 'in-, stār\ (Latin)1- a stage in the life of an arthropod (as an insect) between two successive molts; *also* : an individual in a specified instar. Merriam Webster Dictionary

Report

Report all siting's to WSU—place them on their map.
<https://extension.wsu.edu/wsprs/2016/10/27/report-southern-green-stink-bugs/>



Resources

http://www.britishbugs.org.uk/heteroptera/Pentatomidae/nezara_viridula.html

http://entnemdept.ufl.edu/creatures/veg/bean/southern_green_stink_bug.htm

<http://www.extento.hawaii.edu/kbase/crop/Type/nezara.htm>

<http://idtools.org/id/citrus/pests/factsheet.php?name=Southern+green+stink+bug>

<http://edis.ifas.ufl.edu/in142>

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