Pest Profile



Photo credit: Copyright © 2012 Ilona L.

Common Name: Field Ant

Scientific Name: Formica spp.

Order and Family: Hymenoptera, Formicidae

Size and Appearance:

| | Length (mm) | Appearance |
|---------------------|--------------|------------------------------------|
| Egg | 1mm or less | Small white spindle shaped, like |
| | | a small piece of rice, usually not |
| | | found outside the nest. |
| Larva/Nymph | | Tiny wormlike appearance, no |
| | 1mm – 4mm | eyes or legs, usually not found |
| | | outside the nest. |
| Adult | | Black to black-red, red, brown |
| | 3mm to 9.5mm | or sometimes tan. Two 12 |
| | | segmented elbowed antennae, |
| | | the first segment elongate. |
| | | Head has 3 simple ocelli (simple |
| | | eyes) that form a triangle |
| | | between the eyes. Abdomen |
| | | has a ring of hair around the tip |
| | | where formic acid is released to |
| | | kill plant roots as well as |
| | | produce a threat response. |
| | | Queen and male ants possess |
| | | wings, worker ants do not. |
| Pupa (if applicable | | |
| | 3mm – 9.5mm | |
| | | |

Type of feeder (Chewing, sucking, etc.): Chewing

Host plant/s: Generally builds mounds in exposed soil in lawns, gardens, and forests. Eats aphid honeydew, seed husks, and small soft bodied arthropods such as Gypsy Moth larvae.

Description of Damage (larvae and adults): No damage from feeding. Can create mounds 3 to 4 feet wide and 2 feet in height, making it impossible for turf to grow in that area. Also creates hazards when moving through un-mowed fields and maintaining lawns or other turf areas.

References:

Bug Guide (n.d.). Formica. http://bugguide.net/node/view/610315

- Hahn, J., Pellitteri, P. (n.d.). *What to do About Household Ants*. University of Minnesota Extension. <u>http://www.extension.umn.edu/garden/insects/find/what-to-do-about-household-ants/</u>
- Klotz, J., Hansen, L., Pospischil, R., Rust, M. (2008). Urban Ants of North America and Europe Identification, Biology and Management. Cornell University Press. https://books.google.com/books?id=Q7T4gg6j7xUC&pg=PA11#v=onepage&q&f=false

Look Seek (n.d.). Field Ants. http://knowledgebase.lookseek.com/Field-Ants-Formica-species.html

Romoser, W., Stoffolano Jr., J. (1998). *The Science of Entomology.* University of Massechusetts, McGraw-Hill Publishing.