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- Prefer darkness but will feed in daytime if necessary
- May travel 20 feet from hiding place to feed...even farther if necessary
- Seem to prefer humans over pets
- Can live for months without feeding
- Feeds from 3 to 12 minutes depending on age



AGRILIFE EXTENSION

# SOME FACTS ABOUT BED BUG BEHAVIOR

- Attracted to humans by body odor, body heat, carbon dioxide
- May hide in different locations each day
- Excellent hitchhikers in luggage, used furniture, bedding, clothing
- Adults and large nymphs may walk out door of one apartment and into another
- May enter adjoining rooms via wall voids or cracks in wall



Early instar bed bug smashed on a piece of tape

AGRILIFE EXTENSION













# CASE STUDIES FROM OUR PROJECT

# CASE STUDY A

- Shelter faced increasing complaints from residents over bed bugs
- Instituted screening, resident education at time of check-in, restricted personal items allowed in dorm
- Replacing wooden beds for metal beds
- Trying Kevlar® mattress covers
- Active and engaged shelter manager with high level of concern













# **BDS DETECTORS**

- Placed on bed frame, floor, between mattress and box springs
- Sturdy design, easy to place
- Glue inside catches and holds bed bugs
- Caught fewest bed bugs























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