INTEGRATED PEST MANAGEMENT (IPM)

Why we do it without thinking
The practical realities

Prevention
Monitoring
Thresholds
Treatments
- Cultural
- Physical/Mechanical
- Biological
- Chemical
Evaluation

Do you…….

➢ Amend garden soil?
➢ Buy resistant varieties of plants?
➢ Know what you grow?
➢ Prune trees and shrubs?
➢ Rotate vegetables in gardens?
➢ Fertilize?
➢ Plant the right plants in the right place?
➢ Compost?
➢ Re-seed bare or disturbed soil?

Then you are practicing prevention!
Monitoring

Do you......

➢ Walk in your yard and look for aphids, slugs, weeds
➢ Notice that a plant doesn’t look good .. then check on it again to see if it’s getting worse or better?
➢ Document problems from year to year?
➢ Document good results?
➢ Notice something new or different in natural landscapes?

Then you are monitoring!
Do you....

- Procrastinate about weeding until you can see it from your kitchen window?
- Understand that a few bugs are ok?
- Realize that the tent caterpillars will be gone soon?
- Tolerate a few weeds in your lawn?
- Then realize you can’t see the grass for the weeds?
Treatments

Cultural

Do you.....

➢ Mulch?
➢ Use remay?
➢ Know your soil and plant accordingly?
➢ Plant according to the needs of the plant, not yours?
➢ Clean up plant debris from unhealthy plants?
➢ Incorporate leaves from healthy plants?
➢ Mow turf at 3”
Treatments

Do you:

➢ Edge planting beds with a shovel or edger?
➢ Mow down weeds before they go to seed?
➢ Use a motion sensor activated sprinkler to stop deer?
➢ Use sonar to keep rodents away?
➢ Mow your lawn?
➢ Dig up weeds?
➢ And more weeds?
➢ Remove standing water on your property for mosquito control?
➢ Mow down weeds before they go to seed?
➢ Clean out your gutters?
➢ And more weeds?
Do you.....

- Encourage beneficial insects?
- Buy beneficial insects?
- Know what beneficial insects look like?
- Use bacterial larvicide for mosquito control?
- Build bat boxes for mosquito control?
And when all else fails…..

➢ Use a barrier product to stop ants from coming in your yard or house?
➢ Use dish soap and water to control aphids and whitefly?
➢ Use Killex on your lawn?
➢ Roundup on your driveway?
➢ Safer’s soap, pyrethrin, fungicide, dormant oils…..
Evaluation

- Have your methods worked?
- IPM is easier than you thought!!!