

















go.wisc.ed	u/planthea	althadvis	sing
Plant Hadih Advising Holp Dadi Lawa Gandar Gantatan? Sang Ganda Hadia Santa Tanin Securi See Lawa Santa Santa Santa Canin Securi See Lawa Santa Santa Santa Santa Santa Santa Santa Santa Santa		Plant & insect diagnostic links	
Marked Sector System and Association and Associational Association and Associational Associational Association and Associational Asso		The Identification Exchotomous kept	Advan Day Teundadon     Wildenmon Felor The Bigs     Wildenmon Felor The Bigs     Wildenmon Fahrer The Bigs     Wilden Teurismical The Bigs Ang – Michigan State     Wildenwing     Wilden Cohan Theo Bigs 10 PDF     Catal ango – apg & procise line
Experimental and a second	Restancianism. Not Remme One Andre Smers N IEER ny tao Deve Office LED Handgen Annue America WEERT Annu Channels Manuala M Procession, Tancore and Tancia	muziw Plants ID	H1 DRR Terrestrial Invasive Flants     Midware treated Flants     UW Madiose Extension - Net fast sheets     UW Madiose Extension - Net fast denote     etherwise
Lown & Garden Resources		hadve Widfower Plant ID	Missouri Medve plant society     UW Madison Detension Weed Science
	Plant & Insect Diagnostic Links	Lover and Garden Weeks ID	CMM Extension Weeds     The Ohio State solversity Tertgrans IB POI Table     Anato Weinstity bof grass interactive id tool (solde-fault-regard)     Torf grass common weed 10 Pundue University     CMM Part Issues
		Orvanierial Plant Search Solidiana	University of IL Extension plant search     Missouri Botanical Garden Plant Finder
		Veptable directory - Q.6.A. proving info	University of IL Estantion Vegetables
Vertainer Australia		Garden intents	UW Madison Estantins Insett ID     UMN Entended Garden Insetts     UMN Insett Garden prophene (PC4)     Extraction and Nich ID Tools

























# Sign or symptom?















- Rots total destruction of the plant tissue
- Bacterial rot (soft rot)

   disintegrates to slimy and watery
- Fungal rot (dry rot) disintegrates to dry



#### Wart

Caused by virus, bump-like growth on fruit



#### Wilting

- Entire plant droops – blocks water conducting tissue (Xylem) – vascular wilt
- Fungi vascular wilt Dutch elm disease, oak wilt, verticilium wilt









## Step 6: When did the symptoms/sign first noticed?

- Spring
- Summer
- Fall
- A week ago? A month ago? Or years ago?

### Step 7: How much of the plant is affected?

- Entire plant
- One side of the plant
- Sporadic
- Lower portion of the plant
- Upper portion of the plant









### Step 11: What's the weather condition?

- Any abnormal winter (fluctuating winter temperatures)?
- Freezing injury in spring?
- Severe drought or too much moisture?
- Any micro-environment (over crowding leading to humid conditions)?





#### Part 2: Analysis

 Determine if it is biotic (insects, diseases) or abiotic (human or environmental condition like heat/cold, wet/dry, soil pH, herbicide drift)











### Couldn't figure out or need more time?

- Don't hesitate to let the client know that you need more time to do analysis
- Approach County Educator for guidance



#### 16) Follow Up with Client **Recommendation** • Give priority to IPM ( Always refer to University cultural, mechanical, Extension information biological) means of hort.uwex.edu control Don't recommend homemade pesticides unless stated in ▶ learningstore.uwex.edu 1) If no info available through UWEX, refer to UMN, MSUE, or Univ of IL Extension fact sheets Extension Don't recommend any service companies, retail centers



### Common Missteps

- Jumping to a quick conclusion
- Not gathering enough information
  - Leading questions
  - Not listening carefully or clarifying
- Using incorrect resources
- Not saying "I'll research it and get back to you."