

Part IV. Symptom Identification

Plant Structure

Plants too tall/leggy/bend easily	<input type="checkbox"/>	Plants too small/internodes too short	<input type="checkbox"/>
Plants uneven in height	<input type="checkbox"/>	Insufficient and uneven branching	<input type="checkbox"/>
Entire plant or most leaves weak	<input type="checkbox"/>	Thin branches	<input type="checkbox"/>
Stem breakage frequent	<input type="checkbox"/>	Deformed development	<input type="checkbox"/>

Leaves

Types of leaves affected	Young <input type="checkbox"/>	Recently mature (middle leaves) <input type="checkbox"/>	Mature (bottom leaves) <input type="checkbox"/>
Leaf edges yellow and necrotic	<input type="checkbox"/>	Yellow and necrotic leaf spots	<input type="checkbox"/>
Uniform yellowing	<input type="checkbox"/>	Leaves discolored, chlorotic	<input type="checkbox"/>
Black to grayish-black spots on leaves	<input type="checkbox"/>	Leaves deformed, distorted	<input type="checkbox"/>
Puckering of leaves	<input type="checkbox"/>	Drooping leaves	<input type="checkbox"/>
Interveinal chlorosis	<input type="checkbox"/>	Leaf loss	<input type="checkbox"/>
Tiny specks, holes, or chewing evident	<input type="checkbox"/>	Warts or raised areas on leaves	<input type="checkbox"/>
Areas of bronzing or purpling	<input type="checkbox"/>	Leaves cupped or bunched up	<input type="checkbox"/>

Bracts (poinsettia)

Flowering too late	<input type="checkbox"/>	Flowering too early	<input type="checkbox"/>
Bracts too small	<input type="checkbox"/>	Uneven development of bracts	<input type="checkbox"/>
Deformation of bract leaves	<input type="checkbox"/>	Discoloration of bract	<input type="checkbox"/>
Necrotic edges and spots on bracts	<input type="checkbox"/>	Necrotic edges and spots on bracts	<input type="checkbox"/>
White / tan fluid eruptions	<input type="checkbox"/>	White marks on bracts	<input type="checkbox"/>
White powdery mildew	<input type="checkbox"/>	Cyathia (true flowers) drop off plant	<input type="checkbox"/>
Abnormal multiple breaks	<input type="checkbox"/>	Fading of bract color	<input type="checkbox"/>
Silvery cast / pattern on leaves	<input type="checkbox"/>	Scratch marks on bracts	<input type="checkbox"/>

Stems

Black streaks or blotches on stems	<input type="checkbox"/>
Black colored soft rot	<input type="checkbox"/>
Water-soaked stem, turning into sunken canker	<input type="checkbox"/>
Grey to brown or black lesions on stem	<input type="checkbox"/>
Soft, mushy decay of stems	<input type="checkbox"/>
Brown stem rot at soil line	<input type="checkbox"/>
Longitudinal splits of stems	<input type="checkbox"/>
Stems break off	<input type="checkbox"/>
Stems with hollow center	<input type="checkbox"/>
Stems twisted or deformed	<input type="checkbox"/>

Flowers

Flowers in low numbers	<input type="checkbox"/>
Flowers fail to form	<input type="checkbox"/>
Flower size small, off-color, or off-type	<input type="checkbox"/>
Flowers streaked, tan or white, scratches, creases and tan blotches	<input type="checkbox"/>
Flowers with ringed spots, oblong necrotic spots, or dried out	<input type="checkbox"/>
Flowers normal but look dried, bent over	<input type="checkbox"/>

- Flower pattern broken, variegated, flower oddly shaped ☐
- Flower color or pattern unusual, or off-variety ☐
- Flowers drop ☐
- Grayish mold on flowers ☐

Roots

- Roots normal but primarily in top part of the soil ☐
- Roots healthy in lower part of the pot but no root hairs in upper part ☐
- Roots tan to brown, absent or decomposed ☐
- Roots are speckled, salt and pepper, plants chlorotic ☐
- Roots normal on two or three sides of root ball but one side brown ☐

Root substrate

- Greenish-black color on the surface ☐
- Whitish crust on the surface ☐
- Brown crust on surface ☐
- Yellow or odd colored material on surface ☐

Insect Pests

- Small, cigar-shaped insect ☐
- White flying insect ☐
- Opaque to yellowish scale-like insect ☐
- Small, grayish-black mosquito-like insect ☐
- Small maggot with shiny black head capsule and with body found in the root substrate ☐
- Small, robust black fly with gray wings with clear spots ☐
- Small maggot, opaque yellowish-brown with no head capsule found in the root substrate ☐
- Small eight-legged mite with faint spots ☐
- White to grayish colored cottony insect ☐

Pattern of symptoms (across the bench/area)

- | | |
|--|---|
| Localized (on bench/area) <input type="checkbox"/> | Not localized (random) <input type="checkbox"/> |
| Near heater <input type="checkbox"/> | Circular pattern <input type="checkbox"/> |
| Near vent <input type="checkbox"/> | Alternating pattern <input type="checkbox"/> |
| Near door <input type="checkbox"/> | Approx. half of the greenhouse <input type="checkbox"/> |
| On one line (hanging baskets) <input type="checkbox"/> | |
| On more than one line <input type="checkbox"/> | |

Percent of crop affected _____