

MONITORING & MANAGEMENT CHECKLIST FOR JULY

BETWEEN 1200 - 1399 GROWING DEGREE DAYS

BEGIN BLOOM

Clethra alnifolia (Sweet Pepperbush)
Hibiscus syriacus (Rose-of-Sharon)
Vitex agnus-castus (Chastetree)

FULL BLOOM

Buddleia davidii (Butterfly-bush)
Hibiscus moscheutos
Oxydendron arboreum (Sourwood)

END BLOOM

Cornus racemosa (Gray Dogwood)
Koelreuteria paniculata (Goldenraintree)
Rhus typhina (Sumac)

PLANT

PEST

ACTION

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| Andromeda | Andromeda Lacebug (2nd gen.) | Inspect underside of new growth for nymphs. Treat with registered pesticide if needed. |
| Azalea | Azalea Bark Scale | Inspect twig crotches for white, waxy females, pinkish eggs and crawlers. Treat with registered pesticide if needed. |
| Birch | Bronze Birch Borer | Inspect for fresh D-shaped emergence holes and overall health. Treat trunk and branches with registered pesticide if needed. |
| Catalpa | Catalpa Aphid | Inspect underside of leaves for green-yellow nymphs. Look for Lacewing eggs, Ladybugs, and other natural enemies. |
| Cherry | Cherry Scallop Shell Moth | Inspect foliage for silken nests and yellowish caterpillars. Prune out or treat with registered pesticide. |
| Crabapple | Eastern Tent Caterpillar Green Peach Aphids | Examine branch tips for shiny black egg masses and remove. Check for natural enemies before making treatment decision. |
| Dogwood | Dogwood Borer | Inspect trunk and large branches for holes and fresh sawdust. Destroy by hand or treat with nematodes. |
| Euonymus | Glover Scale | Look for white crawlers on underside of leaves. Treat with registered pesticide if needed. |
| Hardwoods | European Fruit Lecanium Fall Webworm Japanese Beetle Lacebug (Sycamore etc.) Two-Spotted Spider Mite | Look for white crawlers on underside of leaves. Treat with registered pesticide if needed. Check tip leaves for eggs and larvae. Prune or treat with B.T. or other reg. pesticide. Examine leaves for adults and skeletonizing. Treat with registered pesticide if needed. Inspect under leaves for brown droppings, black eggs, and lacebugs. Treat with registered pesticide if needed. Strike branch on white surface. Check for white mites. |
| Hemlock | Hemlock Scale | Look for white crawlers on underside of needles. Treat with registered pesticide if needed. |
| Honeylocust | Honeylocust Mite Mimosa Webworm | Shake branch over white surface. Look for reddish-brown mites and treat with registered pesticide if needed. Small, gray-brown larvae webbing leaflets near tips. Prune out or treat with B.T. or other reg. pesticide. |
| Juniper | Juniper Webworm | Inspect interior foliage for early mines and silken tubes. Treat with B.T. or other reg. pesticide. |
| Lilac | Lilac Leafminer | Inspect underside of leaves for eggs and early mines. Treat with registered systemic pesticide. |
| Linden | Aphids | Check foliage for nymphs, honeydew, and natural enemies before making treatment decision. |
| Pine (Hard) | Pine Needle Scale Red-headed Pine Sawfly | Look for reddish-orange crawlers on needles. Treat with registered pesticide if needed. Examine needles for clusters of yellow larvae. Pick off or treat with registered pesticide if needed. |
| Rhododendron | Rhododendron Borer Sharpshooter Leafhopper | Inspect large lower branches for holes and fresh sawdust. Destroy by hand or treat with nematodes. Check new growth for large, green and orange leafhoppers. Treat with registered pesticide if needed. |
| Tulip Poplar | Aphids | Check foliage for nymphs, honeydew, and natural enemies before making treatment decision. |
| Tupelo Yew | Tupelo Leafminer Black Vine Weevil Fletcher Scale | Inspect leaves for eggs and early mines. Treat with registered systemic pesticide if needed. Check burlap traps for adult weevils. Treat with registered pesticide if needed two weeks after first captures or when numbers level off. Look for white crawlers on underside of needles. Treat with registered pesticide if needed. |

END: Cooley Spruce Gall Adelgid, Cottony Maple Leaf Scale, Cottony Taxus Scale, European Elm Scale, Locust Leafminer, Rhododendron Tip Midge