

insect report



TURF INSECTS

GRASS MOTHS (*Crambus* spp.)

CALIFORNIA: *C. bonifatellus* heavy and damaging lawns in Fremont, Alameda County.

INSECTS OF ORNAMENTALS

BAGWORM

(*Thyridopteryx ephemeraeformis*)

KANSAS: Still hatching in Riley County. Damage heavy to evergreens throughout Sedgwick County. OKLAHOMA: Damage moderate to heavy on evergreens in several areas. Also damaging cypress, oaks, and raintree in Payne County. TENNESSEE: Heavy; damage severe to several cedars and arborvitae in Davidson County.

TREE INSECTS

ELM LEAF BEETLE

(*Pyrrhalta luteola*)

CALIFORNIA: Severely damaged elms in parts of Sacramento, Sacramento County. NEVADA: Larvae and damage light to date at Orovada and Winnemucca, Humboldt County. Damage noticeable in southern Washoe County. UTAH: Adults becoming more common on central area elms. Damage conspicuous at St. George, Washington County. NEW MEXICO: Heavy and damaging Siberian elm foliage at Farmington and Aztec, San Juan County. OKLAHOMA: Small second-generation larvae feeding in Payne County. Heavy in Mayes County. Light to moderate in Marshall County. WEST VIRGINIA: Heavy on several Kanawha County elms. Heavily damaged a Siberian elm in Marion County.

SPRUCE BUDWORM

(*Choristoneura fumiferana*)

MINNESOTA: Defoliation moderate to heavy on 12-15 thousand acres of balsam fir and white spruce on Kabetogama Peninsula east of International Falls, Koochiching County.

A CICADA

(*Okanagana rimosa*)

NEW HAMPSHIRE: Adults emerging and numerous on scrub oak and pitch pine at Ossipee, Carroll County.

PERIODICAL CICADAS

(*Magicicada* spp.)

MARYLAND: *M. septendecula* still active in Prince Georges, Anne Arundel, Baltimore, Harford, and Cecil Counties. Singing and egg laying confined to small heavily wooded areas. *M. septendecim* still active in Frederick and Washington Counties in mountain timberlands. Damage due to *M. septendecim* becoming more evident in counties east of Frederick County, although this species died out 2 weeks ago.

AN OLETHREUTID MOTH

(*Zeiraphera vancouverana*)

CALIFORNIA: Larvae collected at Big Lagoon, Humboldt County. Reared to adults. This is a new state record. The 0.25-inch larvae feed externally on growing tips of Sitka spruce (*Picea sitchensis*).

PINE TUSSOCK MOTH

(*Dasychira plagiata*)

WISCONSIN: Stripped foliage in 2,000-acre area of Jack pines 25-30 feet tall in northwest section by June 20 in Polk and Burnett Counties.



stump eater!

The new WAYNE STUMP KING® is here . . . it's a hungry machine! STUMP KING® chews up more stumps faster than any other method of stump removal. HIGH PRODUCTIVITY is achieved by quick set-up on the job and unmatched cutting range. Choice of 2 models — 37 HP and 65 HP.

&



Team up with WAYNE BRUSH CHIPPERS . . . They can solve your brush disposal problems with high speed and economy . . . economy provided by exclusive 6 sided bed knife adding 50% more life than a conventional 4 sided knife. Multiple safety features assure maximum protection for your operating personnel.

Write for money saving details:



WAYNE MANUFACTURING CO.

1201 E. Lexington St., Pomona, Calif. 91766
SALES, PARTS AND SERVICE WORLDWIDE