

CONNECTICUT
Agricultural Experiment Station
NEW HAVEN, CONN.

E. H. JENKINS, Director.

BULLETIN OF IMMEDIATE INFORMATION, NO. 25

May 28, 1923

THE EUROPEAN CORN BORER QUARANTINE

By W. E. BRITTON, *State Entomologist.*

The European Corn Borer, *Pyrausta nubilalis* Hubner, which was first discovered in Massachusetts in 1917, and which has since spread throughout the eastern portion of that State and into Maine, New Hampshire and Rhode Island, now menaces Connecticut and may at any time appear within its borders, especially as the margin of the present infested area is only a few miles distant from the northeastern corner of Connecticut. In addition to the infested territory mentioned above, there is a separate infestation in the vicinity of Albany, N. Y., and another in western New York extending along the shore of Lake Erie, through Pennsylvania, Ohio, and into Michigan, connecting with an infested region in southern Ontario.

The pest is believed to have first entered the United States and Canada in broom corn imported from Europe and distributed at at least three and perhaps more different points. As the pest is now known to attack a large number of different kinds of plants including common vegetables which are shipped long distances, there is great danger that this insect may be transported and new colonies formed in this manner. Though the natural spread of the insect is several miles each season, it may be carried hundreds or even thousands of miles in commercial shipments. Hence quarantines have been established to prevent these commercial jumps. Connecticut first established a quarantine against this insect on September 20, 1918, and revised it on June 1, 1920. As there is much new infested territory not covered in the former quarantine, a new quarantine order has just been issued, effective June 1, 1923. This order follows:

STATE OF CONNECTICUT
 OFFICE OF
 AGRICULTURAL EXPERIMENT STATION
 NEW HAVEN, CONN.
 QUARANTINE ORDER NO. 5.

Effective June 1, 1923.

Whereas a very destructive insect, known as the European Corn Borer, *Pyrausta nubilalis* Hubner, exists in certain portions of the States of Maine, New Hampshire, Massachusetts, Rhode Island, New York, Pennsylvania, Ohio and Michigan, and threatens the corn growing industry of the country; and whereas there is grave danger that this insect may be brought into this State by the transportation of infested plants or parts of plants from the infested area:

Therefore, pursuant to the provisions of Section 2106 of the General Statutes, it is hereby ordered that no corn on the ear, stover, or other parts of the corn plant, broom corn, including all the parts of the stalk, all sorghums, sudan grass, celery, green beans in the pod, beets with tops, spinach, rhubarb, oat and rye straw as such or when used in packing, cut flowers or entire plants of chrysanthemum, aster, cosmos, zinnia, hollyhock, and cut flowers or entire plants of gladiolus, and dahlia, except the bulbs thereof, without stems, shall enter Connecticut from the infested areas mentioned below, unless each shipment, car, box, bale, or package bear a valid certificate issued by an authorized Federal inspector, stating that the contents thereof have been examined and found free from infestation by the European Corn Borer. These restrictions do not apply to dry shelled kernels or cooked and preserved products, or products grown in non-infested territory passing through infested areas in transit.

INFESTED AREAS

Maine: Sebago in *Cumberland County*; Acton, Alfred, Berwick, Biddeford, Buxton, Cornish, Dayton, Eliot, Hollis, Kennebunk, Kennebunkport, Kittery, Lebanon, Limerick, Limington, Lyman, Newfield, North Berwick, Old Orchard, Parsonfield, Saco, Sanford, Shapleigh, South Berwick, Waterboro, Wells and York in *York County*.

New Hampshire: Alton, Barnstead, Belmont, Center Harbor, Gilford, Gilmanton, Laconia, Merideth, New Hampton, Sanbornton and Tilton in *Belknap County*; Brookfield, Effingham,

Moultonboro, Ossipee, Tuftonboro, Wakefield, and Wolfeboro in *Carroll County*; Alexandria, Ashland, Bridgewater, Bristol, Groton, Hebron, Holderness, Orange and Plymouth in *Grafton County*; Amherst, Antrim, Bedford, Bennington, Brookline, Deering, Frankestown, Goffstown, Greenfield, Greenville, Hancock, Hillsborough, Hollis, Hudson, Litchfield, Lyndeboro, Manchester, Mason, Merrimack, Milford, Mont Vernon, Nashua, New Boston, New Ipswich, Pelham, Peterboro, Sharon, Temple, Weare, Wilton and Windsor in *Hillsborough County*; Allenstown, Andover, Boscawen, Bow, Bradford, Canterbury, Chichester, Concord, Danbury, Dunbarton, Epsom, Franklin, Henniker, Hill, Hooksett, Hopkinton, Loudon, Newbury, New London, Northfield, Pembroke, Pittsfield, Salisbury, Sutton, Warner, Webster and Wilmot in *Merrimack County*; Atkinson, Auburn, Brentwood, Candia, Chester, Danville, Deerfield, Derry, East Kingston, Epping, Exeter, Fremont, Greenland, Hamstead, Hampton, Hampton Falls, Kensington, Kingston, Londonderry, New Castle, Newington, Newton, Newmarket, North Hampton, Northwood, Nottingham, Plaistow, Portsmouth, Raymond, Rye, Salem, Sandown, Seabrook, South Hampton, South Newmarket, Stratham and Windham in *Rockingham County*; Barrington, Dover, Durham, Farmington, Lee, Madbury, Middleton, Milton, New Durham, Rochester, Rollinsford, Somersworth, and Strafford in *Strafford County*.

Massachusetts: Barnstable, Bourne, Brewster, Chatham, Dennis, Eastham, Falmouth, Harwich, Orleans, Provincetown, Sandwich, Truro, Wellfleet and Yarmouth in *Barnstable County*; Acushnet, Attleboro, Berkley, Dartmouth, Dighton, Easton, Fairhaven, Fall River, Freetown, Mansfield, New Bedford, North Attleboro, Norton, Raynham, Rehoboth, Seekonk, Somerset, Swansea, Taunton and Westport in *Bristol County*; Amesbury, Andover, Beverly, Boxford, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill, Ipswich, Lawrence, Lynn, Lynnfield, Manchester, Marblehead, Merrimac, Methuen, Middleton, Nahant, Newbury, Newburyport, North Andover, Peabody, Rockport, Rowley, Salem, Salisbury, Saugus, Swampscott, Topsfield, Wenham and West Newbury in *Essex County*; Acton, Arlington, Ashby, Ashland, Ayer, Bedford, Belmont, Billerica, Boxboro, Burlington, Cambridge, Carlisle, Chelmsford, Concord, Dracut, Dunstable, Everett, Framingham, Groton, Holliston, Hopkinton, Hudson, Lexington, Lincoln, Littleton, Lowell, Malden, Marlboro, Maynard, Medford, Melrose, Natick, Newton, North Reading, Pepperell, Reading, Sherborn, Shirley, Somerville, Stoneham, Stow, Sudbury, Tewksbury, Townsend, Tyngsboro, Wakefield, Waltham, Watertown, Wayland, Westford, Weston, Wilmington, Winchester and Woburn in *Middlesex County*; Avon, Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Franklin, Holbrook, Hopedale, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Plainville,

Quincy, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth and Wrentham in *Norfolk County*; Abington, Bridgewater, Brockton, Carver, Duxbury, East Bridgewater, Halifax, Hanover, Hanson, Hingham, Hull, Kingston, Lakeville, Marion, Marshfield, Mattapoisett, Middleboro, Norwell, Pembroke, Plymouth, Plympton, Rochester, Rockland, Scituate, Wareham, West Bridgewater and Whitman in *Plymouth County*; Boston, Chelsea, Revere, and Winthrop in *Suffolk County*; Ashburnham, Berlin, Blackstone, Bolton, Boylston, Clinton, Douglass, Fitchburg, Gardner, Grafton, Harvard, Holden, Hubbardston, Lancaster, Leominster, Lunenburg, Mendon, Milford, Millbury, Northboro, Northbridge, Princeton, Rutland, Shrewsbury, Southboro, Sterling, Sutton, Upton, Uxbridge, Westboro, West Boylston, Westminster and Worcester in *Worcester County*.

Rhode Island: Barrington, Bristol and Warren in *Bristol County*; Little Compton, Middletown, Newport, Portsmouth and Tiverton in *Newport County*; Cumberland, East Providence, Lincoln, North Providence, Pawtucket, Providence and Woonsocket in *Providence County*.

New York (Eastern): Albany, Berne, Bethlehem, Cohoes, Colonie, Coeymans, Guilderland, Knox, New Scotland, Rensselaerville and Westerloo in *Albany County*; Bleecker, Broadalbin, Caroga, Ephratah, Johnstown, Mayfield, Northampton and Perth in *Fulton County*; Coxsackie, Greenville and New Baltimore in *Greene County*; Benson, Hope, Lake Pleasant and Wells in *Hamilton County*; Amsterdam, Canajoharie, Charleston, Florida, Glen, Minden, Mohawk, Palatine, Root and St. Johnsville in *Montgomery County*; Cherry Valley in *Otsego County*; Brunswick, East Greenbush, Grafton, Hoosick, North Greenbush, Petersboro, Pittstown, Poestenkill, Sand Lake, Schaghticoke and Troy in *Rensselaer County*; Ballston, Charlton, Clifton Park, Corinth, Day, Edinburg, Galway, Greenfield, Hadley, Half Moon, Malta, Milton, Moreau, Northumberland, Providence, Saratoga, Saratoga Springs, Stillwater and Wilton in *Saratoga County*; Duaneburg, Glenville, Niskayuna, Princetown, Rotterdam and Schenectady in *Schenectady County*; Carlisle, Cobleskill, Esperance, Fulton, Middleburg, Schoharie and Wright in *Schoharie County*; Luzerne in *Warren County*; Cambridge, Easton, Fort Edward, Greenwich, Hebron, Jackson and White Creek in *Washington County*.

(Western): Ashford, Dayton, East Otto, Ellicottville, Franklinville, Freedom, Leon, Little Valley, Machias, Mansfield, Napoli, New Albion, Otto, Perrysburg, Persia, Salamanca and Yorkshire in *Cattaraugus County*; Arkwright, Charlotte, Chautauqua, Cherry Creek, Clymer, Dunkirk, Ellery, Ellicott, Ellington, French Creek, Gerry, Hanover, Harmony, Mina, Pomfret, Portland, Ripley, Sheridan, Sherman, Stockton, Villenova and Westfield in *Chautauqua County*; Alden, Amherst, Aurora, Boston, Brant, Buffalo, Cheektowaga, Clarence, Colden, Collins, Concord, East

Hamburg, Eden, Elma, Evans, Grand Island, Hamburg, Holland, Lancaster, Marilla, Newstead, North Collins, Sardina, Tonawanda, Wales and West Seneca in *Erie County*; Alabama, Batavia, Darien, Pembroke, and Stafford in *Genesee County*; Cambria, Hartland, Lewiston, Lockport, Newfane, Niagara, Pendleton, Porter, Royalton, Somerset, Wheatfield and Wilson in *Niagara County*; Arcade, Attica, Bennington, Eagle, Gainesville, Java, Middlebury, Orangeville, Perry, Sheldon, Warsaw and Wethersfield in *Wyoming County*.

Pennsylvania: Beaver in *Crawford County*; Amity, Conneaut, Corry, Elk Creek, Fairview, Franklin, Girard, Greene, Greenfield, Harbor Creek, Leboeuf, McKean, Mill Creek, North East, Presque Island Peninsula, Springfield, Summit, Venango, Washington, Waterford and Wayne in *Erie County*.

Ohio: Ashtabula, Austinburg, Conneaut, Denmark, Geneva, Harpersfield, Jefferson, Kingsville, Monroe, Pierpont, Plymouth, Saybrook and Sheffield in *Ashtabula County*; Cleveland, Dover, Euclid, Independence, Mayfield, Middleburg, Newburg, Rockport, Warrensville and West Park in *Cuyahoga County*; Berlin, Huron, Kelleys Island, Margaretta, Perkins, Portland, and Vermillion in *Erie County*; Chardon, Chester and Thompson in *Geauga County*; Concord, Kirtland, Leroy, Madison, Mentor, Painesville, Perry and Willoughby in *Lake County*; Amherst, Avon, Avon Lake, Black River, Brownhelm, Elyria and Sheffield in *Lorain County*; Jerusalem, Oregon, Toledo and Washington in *Lucas County*; Allen, Bay, Benton, Carroll, Catawba Island, Clay, Danbury, Erie, Middle Bass Island, North Bass Island, Portage and South Bass Island in *Ottawa County*; Townsend in *Sandusky County*; Lake and Ross in *Wood County*.

Michigan: Bedford, Berlin, Erie, Exeter, Frenchtown, Ida, La Salle, Monroe and Whiteford in *Monroe County*; Brownstown, Detroit, Ecorse, Gratiot, Greenfield, Grosse Pointe, Hamtramck, Huron, Monguagon and Springwells in *Wayne County*.

The regulations of this quarantine order are subject to modification to include additional territory, if such is found infested and in general will be interpreted as conforming to, rather than as being at variance with the regulations of the Federal Horticultural Board.

Quarantine Orders No. 1 relating to this insect, and issued September 20, 1918, and No. 3, issued June 1, 1920, are hereby revoked.

This order shall take effect June 1, 1923.

E. H. JENKINS,
Director, Connecticut Agricultural
Experiment Station.

Approved:

CHAS. A. TEMPLETON,
Governor.