

FOLIAR HERBICIDE PLAN FOR CENTRAL MAINE POWER TRANSMISSION LINE RIGHTS-OF-WAY

During the 2018 calendar year, Central Maine Power Company (CMP) will be treating approximately 9,000 acres as part of our regular vegetation management program. Some of this acreage is comprised of agricultural and industrial uses, and only needs to be patrolled. Integrated vegetation management techniques are employed on the remaining acreage to minimize the use of herbicides.

The first phase of the program requires that a contract crew patrol each right-of-way cutting all hardwood species over 8 feet tall and most of the softwood species. The stumps of trees capable of resprouting are treated with a herbicide. This reduces the amount of foliage that must be treated each cycle. Areas not suitable for foliar herbicide application during the summer are to be entirely cut at this time, and stump treatment to be used where appropriate.

The second phase of this year's program requires that the contract crew patrol each transmission line a second time, treating all remaining tree species capable of growing into the conductors or that block access to the right-of-way. The herbicides are applied with a backpack, hand pressurized spray tank. The tank pressure is low, so the potential for off target movement of the mix is minimized. A contract crew composed of 5 to 8 people will selectively treat the capable species.

A no spray zone is maintained around wells, municipal water supplies or any open water. The buffer zone will vary depending on the topography, a minimum of 25 feet is maintained on all water and a minimum 100-foot buffer is maintained on drinking water supplies. These buffers provide an additional margin of safety.

A low-pressure foliar application technique will be used on the majority of right-of-way scheduled this year. The herbicides and adjuvants, including a drift control agent, are mixed in water at rates of 1/8% - 5%. A hand-pressurized backpack sprayer is used to selectively apply the mix directly to the leaves of the undesirable species. The large droplet size, low tank pressure, and drift control agents, combined with the selective application technique, reduces the potential for drift to a very minimal level. The following is a list of herbicides CMP may use depending on species composition, density and environmental factors:

- Garlon 4 Ultra EPA Reg. No. 62719-527
- Arsenal Powerline EPA Reg. No. 241-431
- Milestone VM EPA Reg. No. 62719-537
- Rodeo EPA Reg. No. 62719-324
- Stalker EPA Reg. No. 241-398
- Aquifact (adjuvant)
- HY-Grade I (carrier)
- Bark Oil (carrier)
- Liberate (adjuvant)
- Penetron (adjuvant)

Propylene Glycol (carrier) - used in winter cst mix

Before a treatment technique or herbicide is selected, a review of the right-of-way is conducted including a list of landowner maintenance agreements, known municipal water supplies, and brush densities. This information helps CMP personnel select the herbicides and determine the mix rates.

A form is given to each crew foreman before the job starts listing all special arrangements, herbicides, and mix rates. All the work is performed by licensed contract crews. The contract crews will post a sign on the first structure on each side of all public roads stating the date and herbicide used. If herbicides are not applied near the road crossing structure, the first structure where herbicides are used will be posted.

Each town that has a transmission right-of-way scheduled for herbicide work in 2018 will be notified in advance. A landowner maintenance agreement is available to any landowner or municipality objecting to the use of herbicides. The landowner agrees to keep brush to a height less than 10 feet and a CMP inspector looks over each area annually. CMP personnel will notify the staff of the Board of Pesticide Control at the start of the season of general work locations. Daily locations are available at CMP's General Office.

The following list identifies the CMP transmission section numbers and general locations for 2018 scheduled work. Plan and profile maps for each right-of-way are on file at the General Office in Augusta.

2018 CMP TRANSMISSION VEGETATION MANAGEMENT SCHEDULE

Line	Line Name
5	Detroit to Guilford
5A	Jct. L. 5 to Corinna
17	Meadow Road to Camden
21	Meadow Road to Park Street
21A	Jct. L. 21 to Glen Cove
41	Bowman Street to Gardiner
49	Coopers Mills to Meadow Road
60	Coopers Mills to Bowman Street
62	Crowley's to Surowiec
64	Larrabee Rd. to Surowiec
66	Wyman Hydro to Athens
67	Detroit to Albion Rd.
72	Gulf Island to Crowley's

72A	Jct. L. 72 to Phillips Elmet
82	Athens to Detroit
83	Heywood Road to Wyman Hydro
83C	Jct. L. 83 to Scott Paper (Hinkley)
84	Winslow to Albion Rd.
85	Detroit to Guilford
105	Vallee Lane to Old Orchard Beach
106	Vallee Lane to Old Orchard Beach
201	Larrabee Rd. to Crowley's
203	Detroit to Bucksport
211	Rumford to Woodstock
212	Monmouth to Larrabee Rd.
222	Wyman Hydro to Harris Hydro
222A	Jct. L. 222 to Lor #1 AFB
241	Heywood Road to Lakewood
241A	Jct 241 to Rice Rips
242	Heywood Road to Winslow
257	Albion Road to Coopers Mills
258	Albion Road to Coopers Mills
259	Albion Road to Heywood Road
264	Wyman Hydro to Lakewood
269	Bowman Street to Monmouth
374	Buxton to Surowiec
385	Buxton to Scobie, NH
388	Poles 352 to 451
388	Coopers Mills to pole 352
391	Buxton to Scobie, NH
3023	Albion Rd. to structure 405 and (486-487)
3023	structures 405-486, 487- 488
3023BH	structure 488 to Orrington
3026	Larrabee Rd. to Surowiec