

The Most Effective Products for Preventing Boxwood Blight, caused by *Cylindrocladium buxicola* (= *Calonectria pseudonaviculata*)

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The products listed below were the most effective chemistries for preventing boxwood blight during 2012 and 2013 field trials conducted at NC State University, MHCREC in Mills River, NC

| Trade name | Company | Active ingredient(s) | Can this be used on boxwood in NC? | FRAC ¹ | Sites ² | rate per 100 gallons | Application interval based on label recommendations |
|---------------------|----------|-------------------------------------|--------------------------------------|-------------------|------------------------------------|----------------------|--|
| Daconil Weatherstik | Syngenta | Chlorothalonil | Yes | M5 | G ^a , N, L ^b | 1.375 pints | Every 7-14 days ^c |
| Spectro 90WDG | Nufarm | Chlorothalonil + Thiophanate methyl | Yes | M5 + 1 | G, N, L | 1.5 lb | Every 7-14 days not to exceed 50.6 lb per acre per season |
| Concert II | Syngenta | Chlorothalonil + Propiconazole | Cylindrocladium nor boxwood on label | M5 + 3 | N, L ^b | 35.0 fl oz | Every 14 days ^d |
| Torque | Nufarm | Tebuconazole | Yes | 3 | N, L | 10.0 fl oz | Every 14 days; 3 applications maximum |
| Tourney 50WDG | Valent | Metconazole | Cylindrocladium nor boxwood on label | 3 | N, L | 4.0 oz | Every 14-28 days; not to exceed 4.0 lb per acre per season |
| Medallion WDG | Syngenta | Fludioxonil | Yes | 12 | G, N, L | 4.0 oz | Every 7-14 days |

¹ Key to Fungicide Groups: 1: methyl benzimidazole carbamates; 3: demethylation inhibitors; 11: quinone outside inhibitors; 12: phenylpyrroles; M: multi-site activity.

² Product labeled for use in G = greenhouse; N = nursery; L = landscape.

The superscripts below are comments written within the labels that may be of importance:

^a = Do NOT apply with mist blowers or high pressure spray equipment in greenhouses.

^b = Do NOT apply to landscapes associated with apartment buildings, daycare centers, playgrounds, schools, athletic fields, etc...

^c = Do NOT combine in the spray tank with other pesticides or fertilizers unless tested first.

^d = Do NOT use with mistblowers or high pressure spray equipment.

Note: Recommendations for the use of agricultural chemicals are included here as a convenience to the reader. The use of brand names and mention or listing of commercial products does not imply endorsement nor discrimination against similar products or services not mentioned. Individuals who use agricultural chemicals are responsible for ensuring that the intended use complies with current STATE regulations and conforms to the product label. Examine a current product label before applying any chemical. For assistance, contact your county Cooperative Extension agent.



Figure above: The Spectro treatment (center block of 6 plants) was one of the most effective chemistries during our May/June 2013 trial.