

# Plant Growth Management Systems

## Results from Integrating TGRs into Your Maintenance Plans:

- Increase the time between tree trimming for easier maintenance of plant overgrowth
- Reduce the large amount of time needed and the high cost of maintenance in right-of-ways.
- Reduce the need for disposal of large amounts of biomass created by trimming.
- Increase the effectiveness of ROW maintenance, especially for areas that require frequent trimming (cycle-busters); that have "priority feeds;" and/or are remote locations.
- Improve the quality of electrical service and help reduce the possibility of the incidents with line contact and personal injury.

## Growth Regulator Facts:

- The application of TGRs in the utilities has been effectively used since the mid 1990's.
- The active ingredient is Paclobutrazol; it has a LD50 (less than aspirin) and is extremely water insoluble. It is not a restricted use product.
- The Paclobutrazol molecule inhibits the production of the gibberellin hormone and reduces the cell elongation at the apical meristems found at the growing points of branches.
- The growth control is approximately 50% the first year, and as much as 90% the following years. If the product is reapplied on a regular schedule, control will remain at approximately 90%.
- Growth control will last for a minimum of 3 growing seasons.

*Contact us for help within your maintenance system , management planning needs, and/or integration of herbicide/ TGR/auditing programs. Other areas we can help are budget modifications, training for effective trimming, line clearance contract negotiations, specification design, and adherence.*

## Reducing Overall Costs is a Reality

Operations manager, Don Muller, of Zeeland's Board of Public Works in Michigan has been using TGRs for the past five years and was quoted in the Indiana Public Works News saying, "This process has helped us do more with less money." The process has helped reduce their tree-trimming budget by one third and has created good public relations. Don Muller chose to work with Plant Growth Management Systems because they're the leader in the practical application and use of TGRs - ShortStop® Tree Growth Regulator (Paclobutrazol) and they have more than 20 years of experience in application and specialized applicator training.

We offer Hands-on-Training, consistent Client and Applicator Support, Application Equipment, and sale of ShortStop® Plant Growth Regulator for Trees.

### Our Services include:

- Aiding & Consulting in management programs, contract development, and modification of existing programs
- Auditing work completed by other maintenance contractors
- Subcontracting or Training planners/managers/arborists
- Providing marketing expertise, techniques, and customer relations for Line Clearance and TGR Integration
- Identifying and/or applying TGRs to candidate trees
- Offering sales & services in TGRs and application equipment

**Call us, we want to help you create a Maintenance Program that can *realistically* reduce your budget and increase your program's effectiveness.**

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