

UNITED AGRI PRODUCTS

TimberMark™

Precision Aerial Application System



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PRODUCTS

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Boundary Delineation



Herbicide Treatments

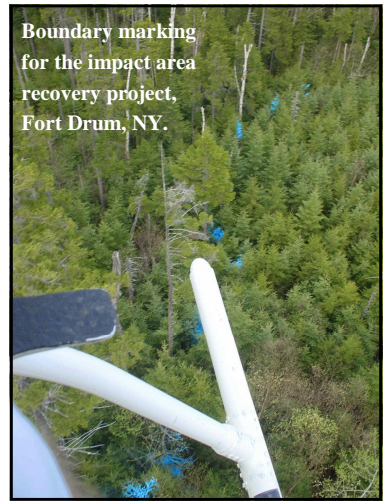


TimberMark™ is a helicopter-mounted device designed to replace or compliment traditional aerial and/or ground application treatments by producing a precision paint or herbicide application. As a paint delineation tool, TimberMark™ produces a highly accurate and visible mark that is evident from the ground as well as from the air. TimberMark™ herbicide applications provide an increase in accuracy and reduced pesticide usage where precise spot applications are needed (compared to traditional aerial techniques). This technology brings a new level of efficiency, productivity, safety and environmental stewardship to any project requiring visible boundaries or ultra precise aerial herbicide application.

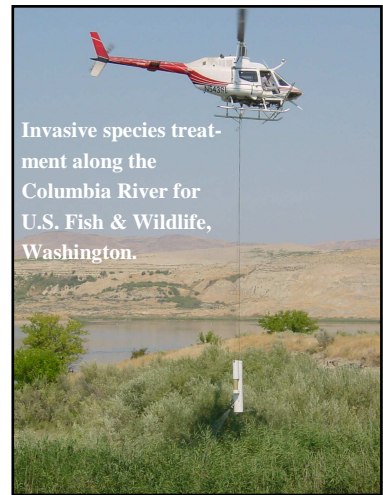
As a **boundary delineation system**, TimberMark™ produces a line which can be either an intermittent or continuous paint line. The length and paint volume is determined by the client's objectives. This paint application is not a broadcast spray, as the width of each mark is typically less than 24 inches. The application height is anywhere from 20 to 100 feet above the ground with an average speed of 6 mph, and is capable of penetrating through up to 80 feet of forest canopy. TimberMark™ utilizes a water based paint which has been environmentally approved for aerially marking a wide variety of forested and non-forested sites, including associated wetlands, sensitive areas and critical habitats.

As a precision **herbicide application system**, TimberMark™ is capable of delivering a wide variety of herbicide treatments ranging from single spot to narrow (6'-20') swath applications. The precision of the TimberMark™ application reduces herbicide use by utilizing an adaptable configuration to treat only the target vegetation thus reducing overspray. The system shows tremendous advantages in heavily fragmented and sensitive habitats and/or areas once considered inaccessible.

TimberMark™ utilizes on-board computer controls and a Global Positioning System (GPS) to ensure precise application, spacing, and mapping capabilities to meet your specific treatment requirements. This on-board computer provides constant regulation and data logging of each paint mark or herbicide swath delivered.



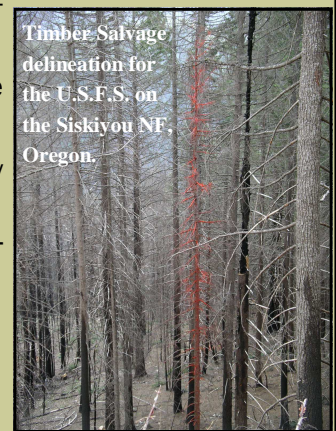
Boundary marking for the impact area recovery project, Fort Drum, NY.



Invasive species treatment along the Columbia River for U.S. Fish & Wildlife, Washington.

TimberMark™ is a tool that can significantly increase efficiency, productivity and safety for many field applications. When used in conjunction with local knowledge, "on the ground" reconnaissance and digital mapping, it can be an extremely effective tool. Other advantages of this technology are:

- Mapping and application from "above" provides superior delineation and precise herbicide treatment.
- Reduce worker exposure to injury, especially in areas that are difficult to access due to terrain or density of ground vegetation.
- Ability to traverse/delineate large geographic areas in a very short time.
- Ability to complete entire application projects in days NOT months.
- Efficient GIS updates for the customer.
- Documentation to fulfill various audit requirements.



Timber Salvage delineation for the U.S.F.S. on the Siskiyou NF, Oregon.

For more information, a video, or to discuss what benefits this exciting technology holds for you, please contact Franklin Leavitt, (207) 944-1922 (Franklin.Leavitt@gmail.com) or visit the MaineMark website at MaineMark.com. TimberMark™ (patent pending) was developed by MaineMark, Inc.