FINAL REPORT
FOREST SERVICE GRANT NO. G-5-94-20-095

NOTE: Please review the following information and revise/complete as necessary.

Issued to: HortScience, Inc.

Address: P.O. Box 754, Pleasanton, CA 94566

Project Name: A Model for Urban Forest Sustainability

Contact Person/Principal Investigator:

Name:	James R. Clark
Mailing Address:	Same as above
Phone Number:	925 (~~510~~) 484-0211
Fax Number:	925 (~~510~~) 484-5096
E-Mail Address:	~~hortsci1@lx.netcom.com~~ JIM @ HORTSCIENCE.COM

Web Site Address (if applicable):

Date of Award: September 25, 1994

Grant Modifications: Mod 1: No-cost time extension from December 31, 1996 to December 31, 1997
Mod 2: No-cost time extension from December 31, 1997 to October 31, 1998

Date of Expiration: October 31, 1998

Funding: Federal Share: $195,000 plus **Grantee Share:** $195,000 = **Total Project:** $390,000

FS Grant Manager: Sonia Tamez
Address: USDA Forest Service, 630 Sansome Street, San Francisco, CA 94111
Phone Number: (415) 705-1274
Fax Number: (415) 705-1140

Provide an abstract on your project and its results (approximately 200 words):

Attaining a goal of sustainable urban forests requires that people in government, business and the community develop and manage their vegetation resources in a responsible manner with a view towards meeting long-term goals. This project described the steps that diverse communities must take in order to attain sustainability. HortScience, Inc., California ReLeaf and the U.S. Conference of Mayors were partners in a comprehensive examination of urban forest management. The project involved establishing criteria for sustainable urban forests, then evaluated those criteria for existing cities and urban forests.

One of the results of this project was creation of a working model for sustainable urban forests that included the three critical elements of people, resources and management. We summarized the model in two publications as well as a workshop at the 1997 National Urban Forest Conference.

Project objectives:

The following were the objectives of the project:

1. Identify participating communities
2. Develop criteria for sustainable urban forests
3. Survey communities
4. Create a model for urban forest sustainability
5. Conduct on-site reviews of urban forest programs

Objectives met successfully:

We accomplished the following:

1. Identified participant cities.
2. Developed criteria for sustainable urban forests.
3. Surveyed 25 communities across the U.S. to assess their urban forest using the criteria contained in the model and summarized the results. Provided individual summaries to each participant community.
4. Created a model of sustainability.
5. Conducted on-site reviews of survey results in 4 cities.
6. Had the model and a summary of the survey published in the *Journal of Arboriculture* (reprints enclosed).
7. Consulted with a number of urban foresters including U.S.D.A. Forest Service staff, Sacramento Tree Foundation and the Miami office of American Forests.

Objectives not met:

We were not able to prepare a publication about urban forest sustainability that would be disseminated to general public.

List the major research or policy findings of your project?

This project increased our knowledge about the urban forest by identifying comprehensive, long-term management goals for the entire community. Rather than seeing the urban forest as distinct units or pieces, a sustainable urban forest is now viewed as a whole. In addition, this project raised awareness on the need for management by all members of a community: citizens, government, business, institutions, etc. In particular, we were able to raise the awareness of urban forests and their sustainability with elected officials through the U.S. Conference of Mayors.

If not apparent in the above, or if your project did not involve *research,* how did the project increase th knowledge we have about urban forestry? How did (will) the public benefit?

Since the project identified clear criteria for achieving sustainable urban forests, it provided urban foresters, cities and other public agencies with a comprehensive tool to assess their current progress towards sustainability. Several cities and states are actively using the model in the urban forestry program.

What recommendations might you make for community foresters or others who might benefit from your project?

In using the model, urban foresters must apply community-specific information to the criteria and performance indicators.

Attach copies of reports, publications, or videos. If your work has been published (journals, popular press, etc.), provide where they have been published or reported and how copies can be obtained.

See attached reprints.

How were your results disseminated to the public?

The public will learn about the results through the efforts of professional urban foresters and other community leaders.

List the active partners (key individuals or organizations) involved in the project:

The Trust for Public Land/California ReLeaf
Genni Cross
3001 Redhill Avenue, Bldg. 4, Suite 224
Costa Mesa CA 92626

The U.S. Conference of Mayors
Tom McClimon
1620 Eye Street NW
Washington D.C. 20006

Photo or Illustration: If possible, please provide a photo or illustration for our use that summarizes or represents the project. Indicate how this illustration should be credited.

If a no-cost time extension was granted for this project, why was it needed?

Each step in the project has required more time than we anticipated and has pushed back our proposed schedule for completion. In addition, as we have developed the model, we have re-assessed how the results might be conveyed to community government and the general public.

How would you evaluate the grant process? What changes, if any, would you recommend?

The grant process was reasonable and straightforward. I particularly appreciated the pre-proposal phase of evaluation.

Comments considered of importance but not covered above:

This report was prepared by:

Name: James R. Clark
Title: Vice President
Phone Number: 925-484-0211

Date: December 22, 1998