N204. New Developments in the Surrogate Tour System

Two new technologies have recently been perfected: still video and videodisc recording. With these, on-site personnel can take plant pictures and record them onto a videodisc. New software has been developed to integrate these pictures into the surrogate tour system.

Objectives:
- All activities performed on site by plant personnel.
- Easy electronic photography.
- One-step videodisc recording.
- Able to incorporate new images into surrogate tour.

System Performance:
- Film up to 50 pictures on each video diskette.
- Record up to 54,000 pictures on each side of a recordable videodisc.
- Index recorded frames as new or replacement travel or features.
- New software controls original and recorded videodisc players simultaneously.

Strengths:
- Camera operates like an ordinary "point-and-shoot" model.
- Video diskettes are erasable and reusable.
- 108,000 pictures now available to the Surrogate Tour.
- On-site indexing requires no computer knowledge.

Special Features:
- Wide angle and telephoto lenses built into the camera.
- Preview and select images before recording them.
- Computer automatically controls hardware and video.
- Maintenance activities can be filmed and displayed in time-lapse photography.

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