



Seed Propagation Systems

Field seeding

 seeds are planted at a relatively low density in location where plant is to remain

Field nurseries

 seeds are planted closely (high density) in a field and used for future transplanting at a wider spacing.

Protected conditions

 seeds are planted in flats in a greenhouse or similar structure prior to transplanting to a permanent location.





Calculating the Rate of Seed Sowing

Weight of seeds to sow per unit area =

Density (plants/unit area) desired (Purity %) x (Germ. %) x (F. factor) x (Seed ct.)



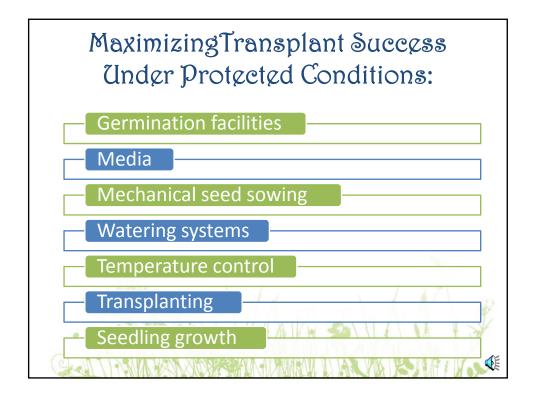


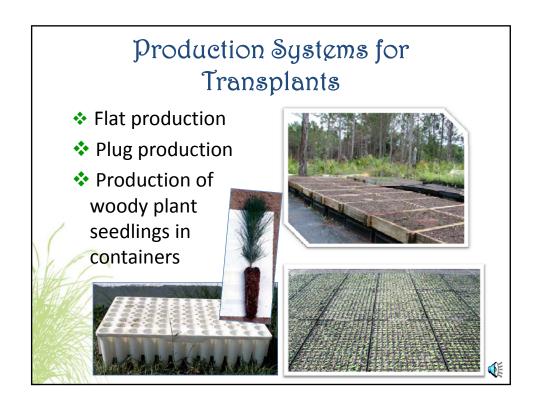
Maximizing Field Nursery Transplant Success:

- Site preparation
- Seed bed preparation
- Time of year for sowing
- Sowing rates
- Plant after-care
- Harvesting transplants











Optimizes plant number per unit of greenhouse space

Control of environmental conditions

Fast production, turn around time

Precise crop scheduling

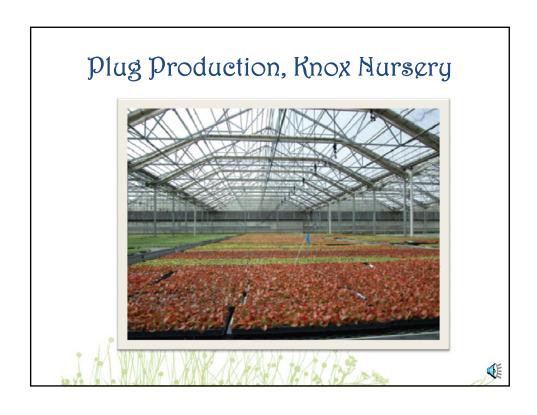
Facilitated shipping

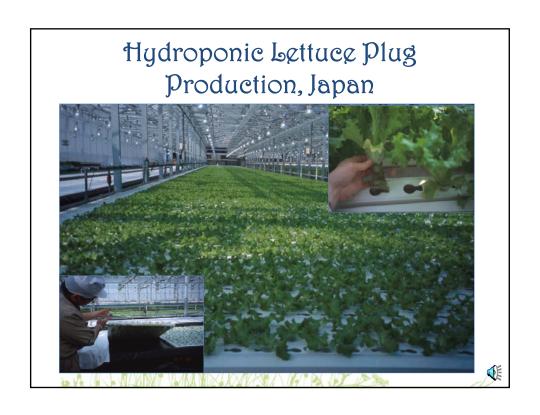
Easy, uniform transplanting



Plug and Pot Production, Prolific Plants, Apopka, FL

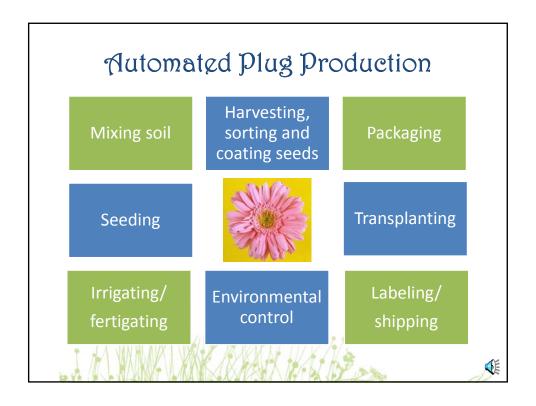


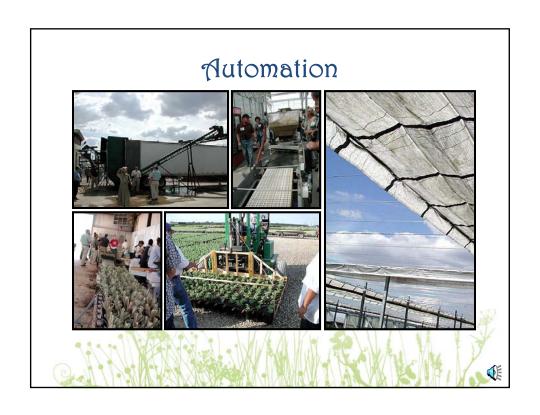
























Moisture

The moisture content of the growing medium can be critical to germination success.

Wet medium

• Coleus, Begonia, Alyssum

Moist medium

Impatiens, Petunia, Pansy

Drier medium

Asters, Verbena, Zinnia









