وزارت زراعت، مالداری و موازین
ربایست عسی کلکتات رخت چرا
نیاز به حفاظت و پرورش دارد.
(USAID)
Spring Sapling Planting Season In Afghanistan

April 26, 2007
Prepared for USAID/Afghanistan,
Office of Agriculture & Rural Development

Prepared by
Clark D. Fleege, Nursery Manager,
Lucky Peak Nursery
USDA Forest Service, Boise, Idaho

Under the United States Department of Agriculture,
Foreign Agricultural Service, Office of Capacity Building and Development
Participating Agency Service Agreement
with the
United States Agency for International Development/Afghanistan
Tapi Maranjan

Bag-e-Bala

Badam Bagh
Positive Observations:
Efforts to protect roots from drying prior to planting
(out of direct sunlight)
Positive Observation:

Experienced, dedicated:
- Managers
- Foremen
- Advisors

Enthusiastic, large workforce
Positive Observation

Transportation From the Nursery to the Planting Site

Saplings Watered Immediately After Planting And Planned Watering All Summer
Areas Needing Improvement:
Protect Root Systems from Drying During Transport to Planting Site
**Areas Needing Improvement:**

Dig Holes Immediately Prior to Planting

*(Planting Hole and Packing Material Dry at Planting)*
Areas Needing Attention:

Prune No More Than 50% of Shoot Growth

If shoot is 2 m, top 1m must be branches/leaves because leaves produce food for the plant.
Areas Needing Attention:
Plant Saplings At the Proper Depth
Areas Needing Attention:
Dig Hole Large Enough to Accommodate Root System
Areas Needing Attention:
Plant the Right Tree in the Right Place

Conifers on north-facing slopes

Deciduous on south-facing slopes
Areas Needing Attention:
Plant Seedlings With Long, Fibrous Root Systems
Areas Needing Attention:
Protect Planting Sites

Protect from human traffic

Protect from grazing

Protect from housing encroachment
Sapling Planting Summary: Quality Control

Establish Minimum Standards
- Hole digging prior to planting
- Root exposure time
- Proper planting depth
- Irrigation (timing, volume)
- Pruning
- Root length
- Shoot height
- Site selection

Provide Training Prior to Practice
- You demonstrate and explain
- They demonstrate and explain
- They demonstrate and you explain

Have the Right Tools
- Covered transport

Enforce the Standards
وزارت زراعت، مالداری و امور تعاونی
ریاست علیه جنگل‌های دفاعی

نحال مشابه به طفل بوده،
نیازهای حفاظت و پرورش دارد.

(USAID)