

# Reforestation Needs for New Mexico

Fire footprint of  
Hermits Peak-Calf Canyon Fire:  
~341,700 acres

High severity acres:  
~ 83,500 acres

Planting requirements for HPCC Fire:  
~ 10 to 25 million seedlings (300 TPA)

New Mexico reforestation needs:  
~ 150 to 390 million seedlings (300 TPA)

At current seed and nursery capacity,  
More than 500 years to reforest current needs



Photo by O. Burney

## What are the current reforestation GAPS?

### Reforestation Pipeline



- Not enough seed
- Need over 100x current amount
- Not enough seedlings
- Need 5 million seedlings /year (30x)
- Not enough tree planters
- Need to build infrastructure
- Not typically performed
- Need to monitor, apply treatments, and adapt

# New Mexico Reforestation Center



**Mission:** to meet current and future reforestation needs in New Mexico through its comprehensive seed bank, nursery, and planting operations combined with research, education, and outreach activities.

## Operational Program

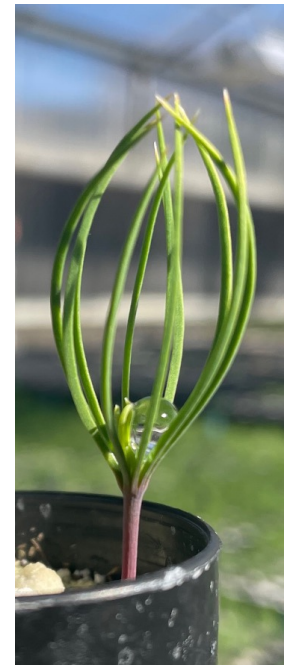
- Seed collection, processing, banking
- Nursery production (~5 million seedlings per year)
- Planting (coordinate planting and monitoring efforts)

## Research Program

- Develop science-based solutions to gaps in knowledge along the entire Reforestation Pipeline

## Education Program

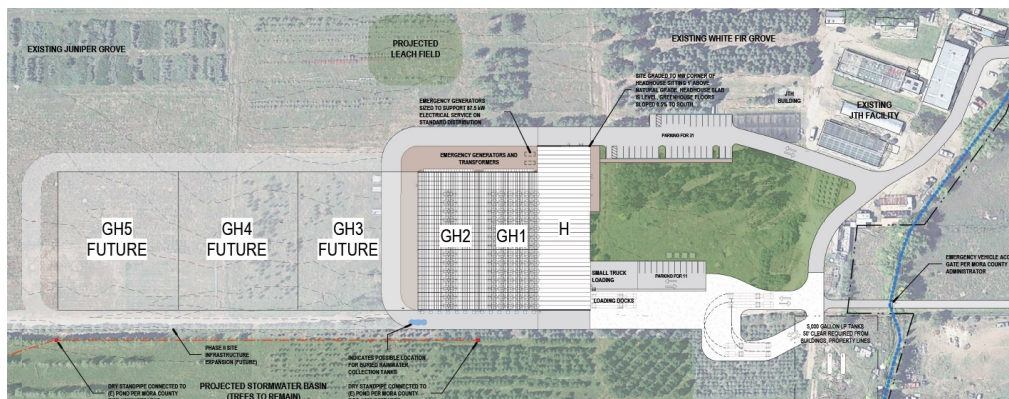
- Develop related curriculum for undergraduate and graduate students
- Train professionals across all activities of the Reforestation Pipeline



# Current Status of the NMRC

## PHASE 1 – \$38,500,000 million currently allocated

- **DESIGN** full NMRC program (Greenhouses, Headhouse, Support Bldgs, Admin Buildings, and Seed Program Bldgs)
- **CONSTRUCTION** ~20% of Greenhouses (1.1 million seedlings), Headhouse
- **EQUIP / SUPPLIES** support for GH and HH
- **TIMELINE** approx. construction start Jan 2026; 1<sup>st</sup> crop summer 2028



## Next Steps for the NMRC – Phased Approach

### PHASE 2 – \$29,228,972 million\*

- CONSTRUCTION One Greenhouse (~27%) and Storage Facility

### PHASE 3 – \$25,477,136 million\*

- CONSTRUCTION One Greenhouse (~27%) and Admin Building

### PHASE 4 – \$33,497,479 million\*

- CONSTRUCTION One Greenhouse (~27%), Seed Program Bldgs, Labs

TOTAL new additional funding requested = \$88,203,587 million

\*Increased amounts from original budget are a function of increased costs and using a phased approach (adds ~20%)



## Forestry Field Day – August 22



College of Agricultural, Consumer  
and Environmental Sciences  
Agricultural Experiment Station

John T. Harrington  
Forestry Research Center at Mora

**John T. Harrington Forestry Research Center at Mora  
presents**

### FORESTRY DAY



**August 22<sup>nd</sup>, 2025  
10:00 AM - 2:00 PM**

*Lunch will be served from 11:30-12:30*

**Come and Go Event**

**3021 Highway 518 Mora, NM 87732**

#### Forestry Topics will include:

- Forest health issues in the Southwestern United States
- Investigations into pathogens affecting forest nurseries
- State-led initiatives in forest restoration
- Assisting private landowners with reforestation planning
- Spatial modeling studies on seedling survival
- Nursery methodologies aimed at enhancing seedling success
- Status and strategic direction of the New Mexico Reforestation Center
- and other topics