

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
TECHNOLOGY DEVELOPMENT AND APPLICATION, ECOLOGICAL SCIENCES  
WASHINGTON, DC

and the

TEXAS AGRICULTURAL EXPERIMENT STATION  
TEXAS A&M UNIVERSITY  
COLLEGE STATION, TX

and the

TEXAS PARKS AND WILDLIFE DEPARTMENT  
AUSTIN, TX

NOTICE OF RELEASE OF 'ELDORADO' ENGELMANNDaisy

The United States Department of Agriculture, Soil Conservation Service; the Texas Agricultural Experiment Station; and the Texas Parks and Wildlife Department announce the naming and release of 'Eldorado' engelmanndaisy (Engelmannia pinnatifida Ex Nutt.). It was developed by the Soil Conservation Service, USDA, and released in cooperation with the Texas Agricultural Experiment Station, Texas A&M University, College Station, Texas; and the Texas Parks and Wildlife Department, Austin, Texas. (Eldorado has been assigned the permanent number of PI-477962.)

Eldorado engelmanndaisy was collected from a native stand northwest of Eldorado, Schleicher County, Texas, in 1964 by Soil Conservation Service personnel. It was evaluated with 14 other collections and proved to be the superior accession for range seeding mixtures and for wildlife food. It was increased from the original collection without re-selection.

Eldorado is a deep rooted high quality forb that has been evaluated since 1965 for stand establishment, forage abundance, and seed production. The forage is very high in protein and digestibility, especially in early spring. It is readily eaten by all types of livestock and big game animals. It will respond and increase in stand under good grazing management but it will not tolerate continuous heavy grazing and overuse. There are presently no released varieties of engelmanndaisy. Eldorado is best adapted to soil textures from sandy loams to clay loams with fair or better plant-soil moisture relationships. It does not seem to tolerate heavy clays, extremely wet bottomlands, deep sands, salinity, or high lime. Eldorado appears best adapted to all the areas of Texas with the exception of the Trans Pecos, western Rio Grande Plain, Coast Prairie; Coast Saline Prairie, Flatwoods, and East Texas Timberlands MLRA's, basically in areas receiving 16 to 42 inches of rainfall annually.

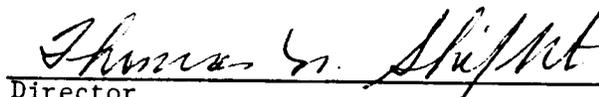
Notice of Release of 'Eldorado' Engelmann Daisy (Continued)

Four classes of seed will be recognized: Breeder, Foundation, Registered, and Certified. Breeder seed will be maintained by the Soil Conservation Service, Knox City Plant Materials Center, Knox City, Texas. Foundation seed will be produced at this location under the supervision of the Foundation Seed Service, Texas Agricultural Experiment Station, College Station, Texas, and the Texas Department of Agriculture.

  
\_\_\_\_\_  
State Conservationist  
Soil Conservation Service, Texas

FEB 11 1985

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Director  
Ecological Sciences Division  
Soil Conservation Service, Washington, DC

4/30/85

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Director  
Texas Agricultural Experiment Station  
College Station, Texas

3-18-85

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Head, Resource Management Section  
Texas Parks and Wildlife Department  
Austin, Texas

15 April 85

\_\_\_\_\_  
Date