

Rangeland Technology & Equipment Council (RTEC)

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BLM -Great Basin Restoration Initiative

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Range Seeding Committee organized in 1946 to develop equipment and technologies to address land degradation issues in the Western US



Past to Present:
Range Seeding Committee
evolved to "Vegetative
Rehabilitation & Equipment
Workshop" to RTEC today

Development of the Rangeland Drill



First rangeland drill constructed by the Forest Service in Oregon in 1951.



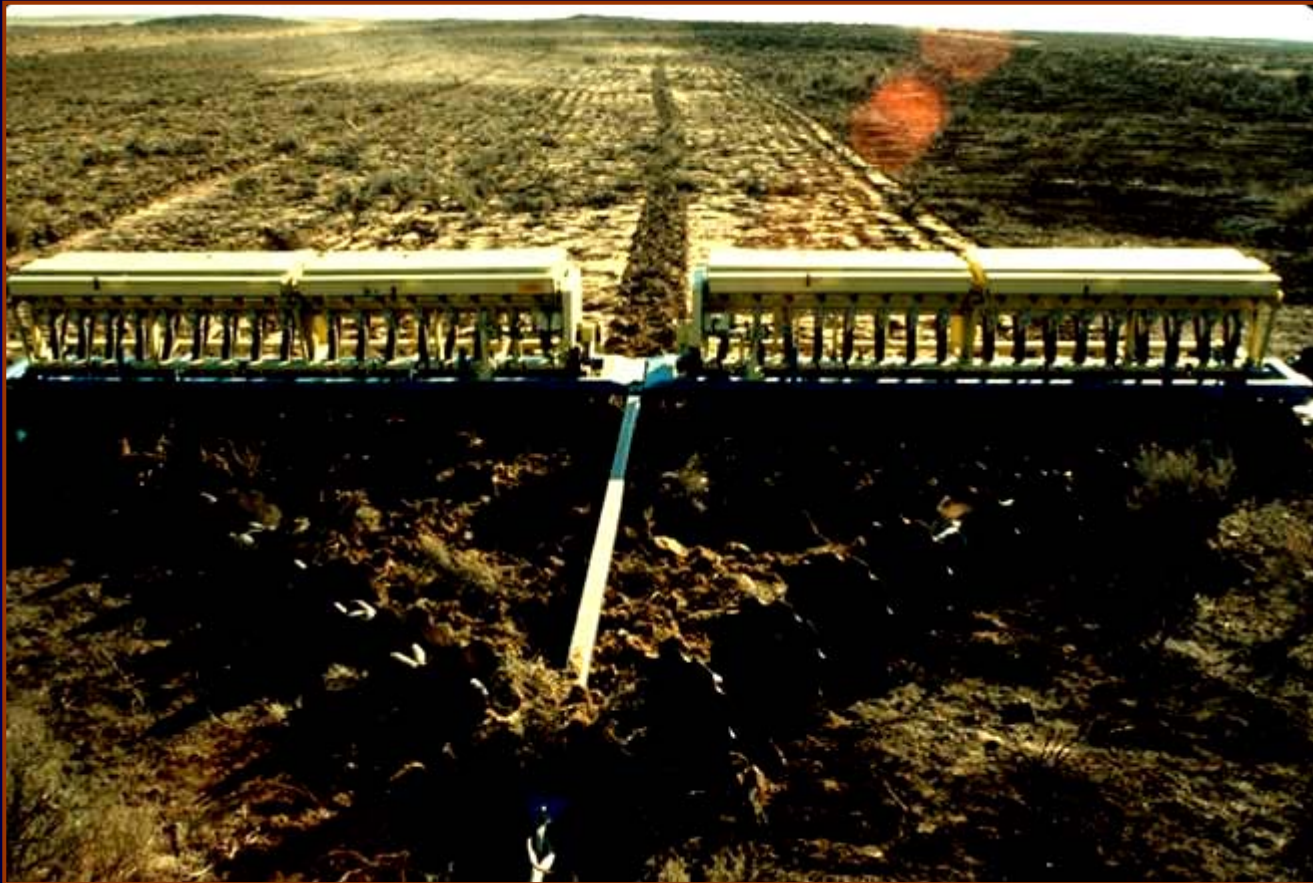
Range Seeding Committee designed the drill which was first constructed commercially by Laird Welding and Manufacturing Works in 1955

Rangeland Technology & Equipment Council

Promote the wise use and improvement of rangelands through the supporting functions of equipment development and application of innovative technology focusing on:

1. Site Preparation and Seeding
2. Plant Materials
3. Fire
4. Seedbed Ecology
5. Weed Management
6. Structures
7. Information and Publications

Recent Equipment Development



Disk Chain

Recent Equipment Development



Rangeland Drill Improvements

Revegetation Equipment Catalog

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Tractors

All-terrain vehicles

GPS

Controlling plants
mechanically

Controlling plants
chemically

Controlling plants by fire

Site preparation

Fertilization and
mulching

Seeding

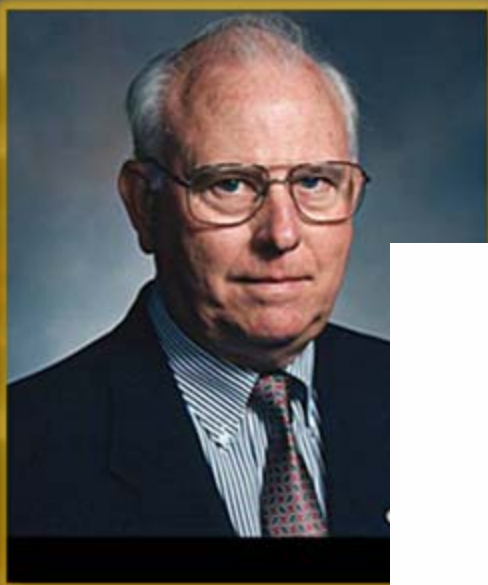
Specialized planters

Contact us



Produced in cooperation with:
Rangeland Technology & Equipment Council
USDA Forest Service
USDI Bureau of Land Management

On the web at "<http://Reveg-catalog.tamu.edu>"



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*Promoting the wise use and improvement of rangelands
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The Rangeland Technology and Equipment Council (RTEC) is an informal organization of land managers, engineers, researchers, academics, and private industry representatives interested in developing new rehabilitation equipment and strategies.



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Dr. Harold Wiedemann

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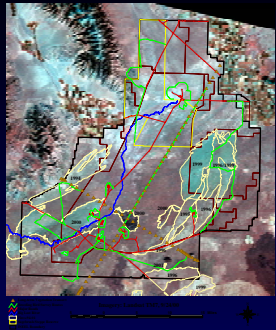
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Integrating GPS and GIS Technology to Improve Land Treatments



1. Planning Treatments at Landscape Scales
2. GPS and Herbicide Application
3. Invasive Weed and Decision Support Tools
4. Using GPS to Track Livestock Movements
5. Adapting GPS Technology to Reclamation
6. Restoration Planning/Monitoring with GPS
7. Planning for 2010 RTEC Meeting in Denver