

AGRICULTURE PROGRAMS

ENERGY & WATER EFFICIENCY





AGRICULTURE - ENERGY CONSERVATION

Irrigation Systems - Common Upgrades

Utility Programs

Other Funding Sources + Programs



Common Findings/Opportunities

- Worn Sprinklers, Nozzles, Gaskets, Leaks
- Mismatched pump, Worn Out
- Main Line – Too Small, Friction Loss (Material, Corners), Leaks
- Pressure at Sprinkler – High, Low, Variable (Water Uniformity)
- VFD – None, Not setup correctly, Needs optimized
- Irrigation Water Management – Typical saving 10%-20%
- Automation/Technology – Could benefit efficiency (water & energy)
- Timers – Irrigation Scheduling
- Pivot Controls
- End of Pivot Sprinklers - "Big Gun"

UTILITY REBATES

IRRIGATION

- Sprinkler Hardware
- LEPA/LESA Pivot Sprinklers
- Variable Frequency Drives
- Pump Testing
- Pump Upgrades
- Custom Projects

BPA

Serviced Utilities





POPULAR PROGRAM OFFERINGS

Cooperative & PUD Customers

20 HP to 500 HP

Agriculture Irrigation Accounts

Deemed Measures - Paid on a per HP basis, simple rebate process

**Incentive programs can change without notice.*

**VFD
CENTRIFUGAL**



**VFD
NEW PUMPS**



**PUMP
EFFICIENCY
UPGRADE**





LESA + LEPA

- Convert From MESA
- Pivot Sprinkler Conversion
- \$15 Per Drop Rebate

Conversion to:
More Efficient
Low Pressure Systems

+18%

Water Application Efficiency



LESA

Low Elevation Spray Application



NEWER SPRINKLER TECHNOLOGY



- MDI - Mobile Drip Irrigation (Pivot)
- Exchangeable Nozzles (Pivot)
- End of Pivot Sprinkler (Pivot)



OTHER PROGRAMS

****Not associated with the Electric Utility****



NRCS

USDA - Natural Resource
Conservation Service

EQIP

CSP

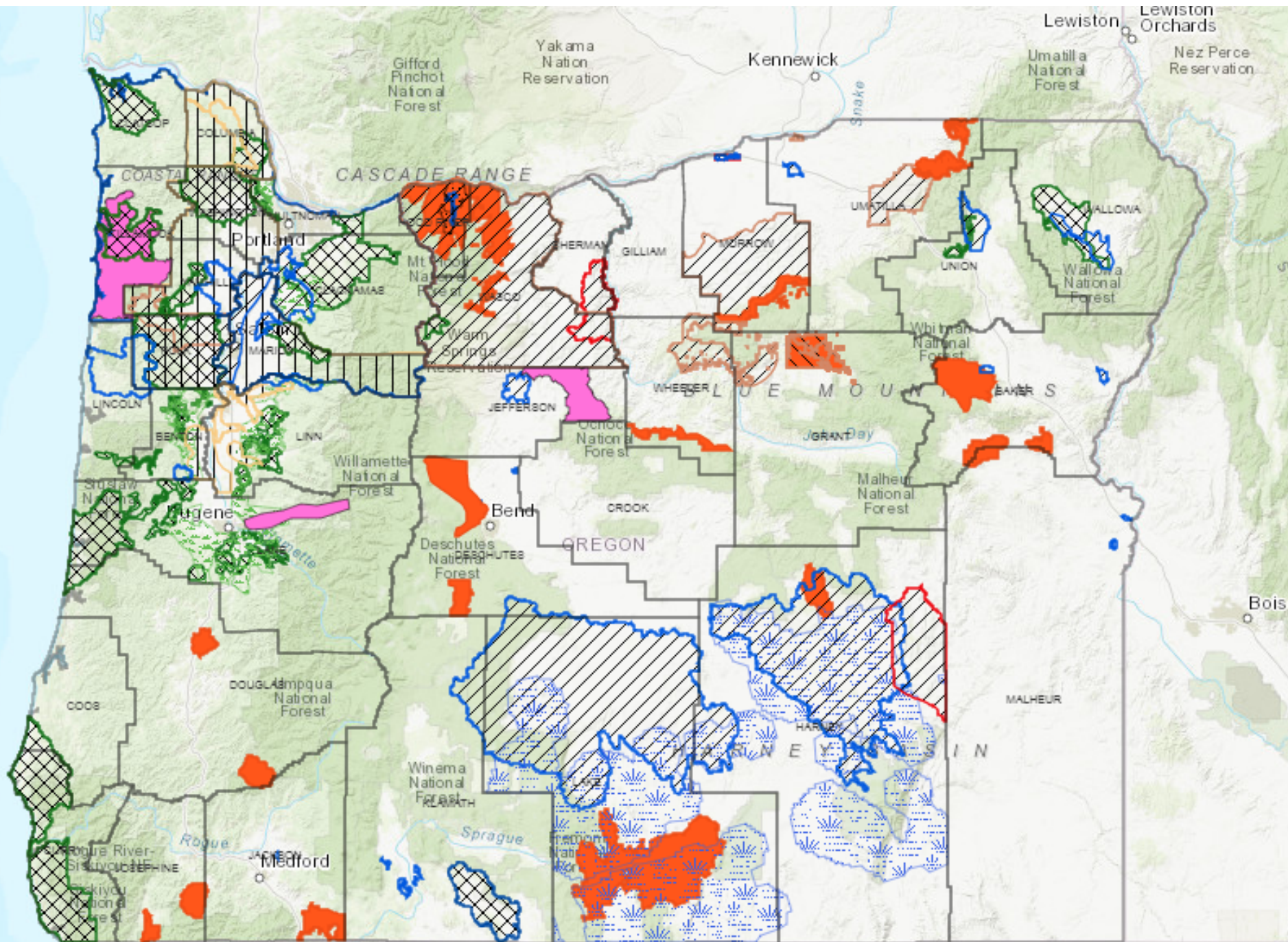
Irrigation Efficiency
Water Conservation
Energy Programs
Dairy
Technical Support

COST

SHARE

PROGRAMS

2021 NRCS Oregon EQIP Priority Areas





SWCD

Soil Water
Conservation District



OWEB SMALL GRANTS

Water Quality/Quantity



TECHNICAL ASSISTANCE



FSA

Farm Service Agency

MICRO LOAN

Up to \$50k

Low Interest Rates

Other Lending Options

LOAN PROGRAMS



REAP

Rural Energy for America
Program - USDA Rural
Development

**EFFICIENCY +
RENEWABLE**

Rural Small Businesses and
Agricultural Producers

**GRANTS
LOAN GUARANTEE**



the end



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