



2020 Wildfire Update

Sagebrush Ecosystem Council

Alan Jenne, Habitat Division Administrator

Nevada Department of Wildlife

October 8, 2020



2020 Fire Season



729 Fires

228 Natural

446 Human

55 Under Investigation



**269,411 Acres
(80,062)**



**Counties with
most Fire Acres**

Lincoln ~124,000

Washoe ~28,570

Elko ~28,000

Douglas ~21,000

2020 Wildfires



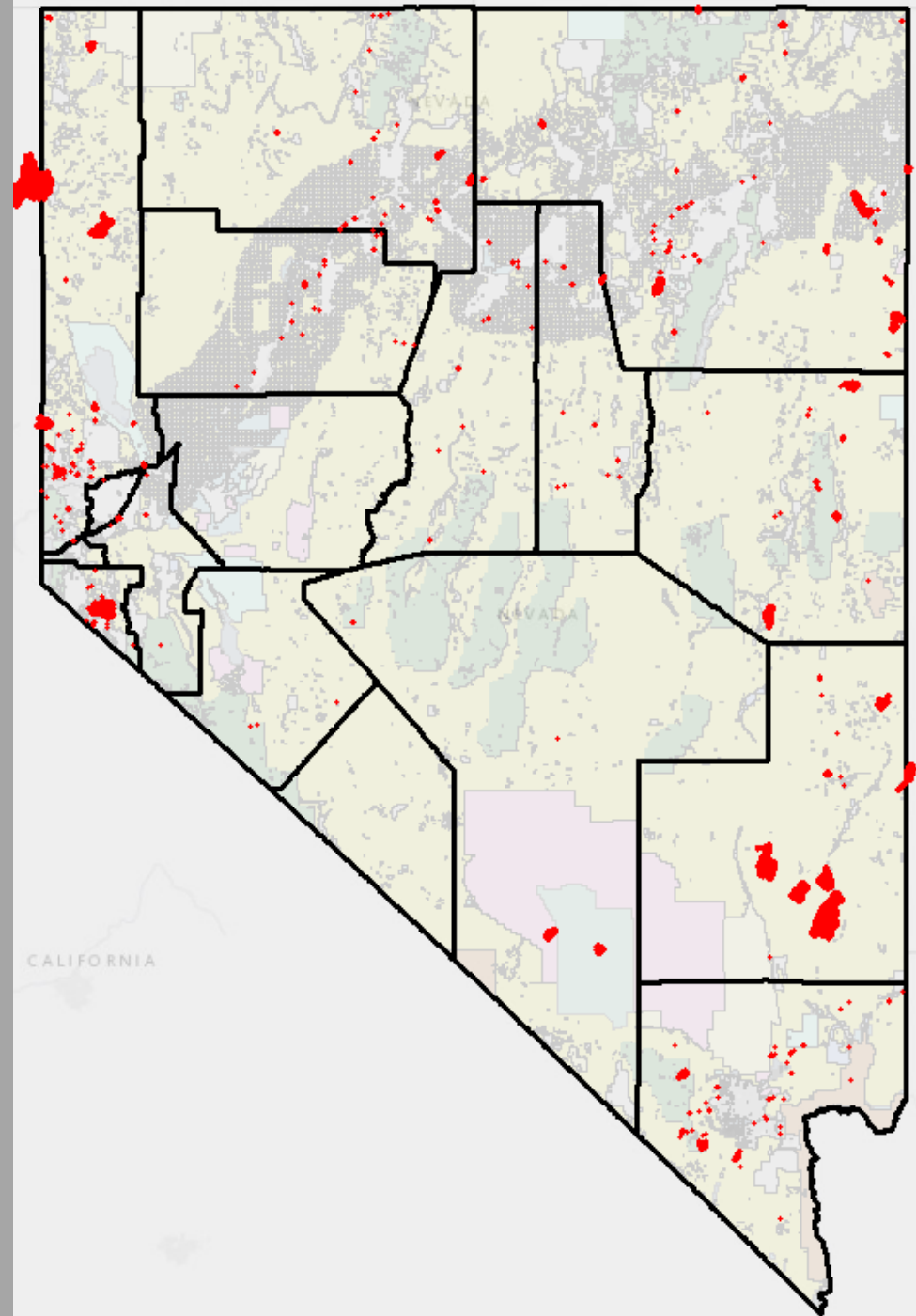
Counties with most Fire Acres

Lincoln ~124,000 (Largest 59,000 – Meadow Valley)

Washoe ~28,570

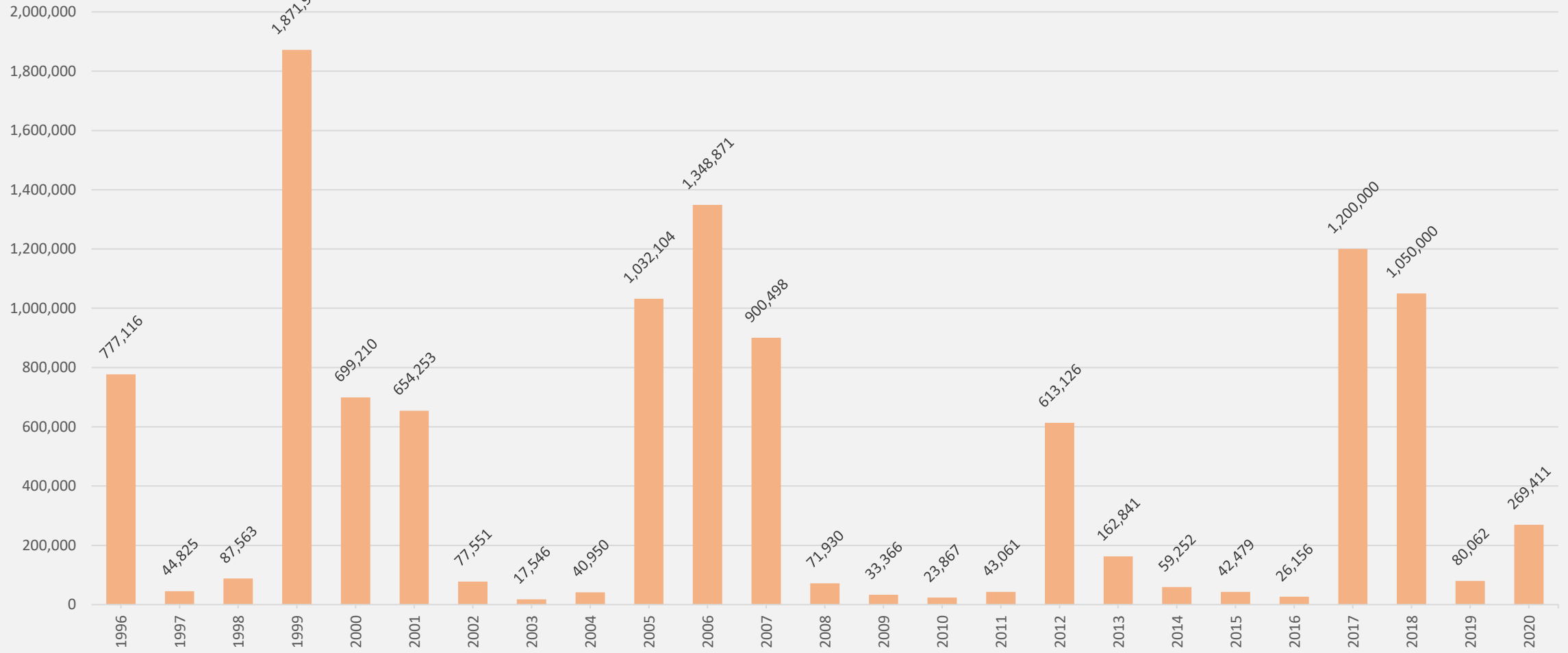
Elko ~28,000

Douglas ~21,000



Wildfire Acres Burned in Nevada 1996 to 2020

Acres Burned



2020 Statewide Fire Rehabilitation Plan

- 13 NGO funding partners – NGO Dollars are the best dollar!
- 20 Different funding sources
- Approx. \$1.9 million in combined funds
- \$380,000 sportsmen NGO dollars leveraged
- ~\$439,000 Other Sportsmen (Dream Tag, Heritage) dollars leveraged
- Funding rehabilitation on 21 fires
- Approx. 34,000 acres of treatment ID'd
- 35,000 acres of Herbicide (Imazapic & Open Range G)





Post-treatment: 6oz/
acre Imazapic 5gal w...

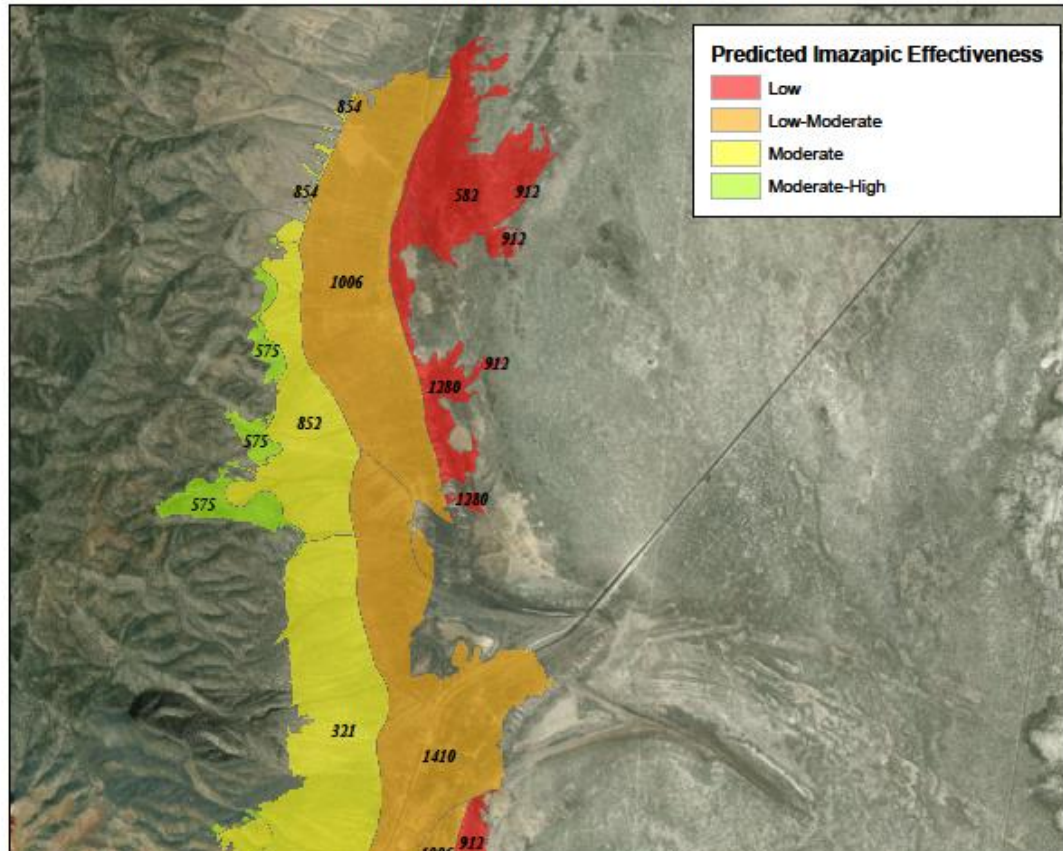
09




Herbicide Application:

- Chemical fallow for a year
 - Fuel Breaks – (green & brown strips)
-

2019 Shafter Fire (6,166 acres)
Predicted Imazapic Effectiveness



Herbicide Application



Treated with Imazapic

Untreated



Kochia Seeding



UTM: 11T
459515mE 4566290mN
Elevation: 4660.2ft
Accuracy: 10.5ft
Azimuth: 279° (W)
Pitch: -21.2° (-1.6°)
Time: 07-31-2019 15:29
Note: Hot springs fire 2017 ← snowstorm

Snowstorm Kochia

Fire Restoration

2017

- 43,000 acres treatment
- 15 NGO funding partners
- \$2.3 million in funding

2018

- 64,000 acres treatment
- 25,000 acres sprayed with Imazapic
- 15 NGO funding partners
- Approx. \$3.0 million

2019

- 38,161 acres treatment
- 20,000 acres Imazapic
- 13 NGO funding partners
- \$2,085,257

2020

- ~34,000 acres treatment
- 35,000 acres Herbicide
- 14 NGO funding partners (currently)
- Approx. \$1.9 Million





Cumulative Wildfire Rehabilitation 2017 to 2020:

- 179,161 acres or almost 280 square miles
- 80,000 acres of herbicide or 125 square miles

Other FY 2020 Restoration Activities:



18,000 acres of Pinyon - Juniper Treatment



Other FY 2020 Restoration Activities:

Meadow Protection:

- 19,488 ft. of pipe rail fencing
- 73.65 acres protected





Figure 1. Pretreatment plot CC-1 at China Camp lek site in 2011.



Figure 2. Post treatment plot CC-1 at China Camp lek site in 2017.

Project Effectiveness Vegetation Monitoring

Over 375 sites monitored in FY20 for project effectiveness and vegetative response
Monitoring database has over 2,500 monitoring plots since 2010



Questions?
