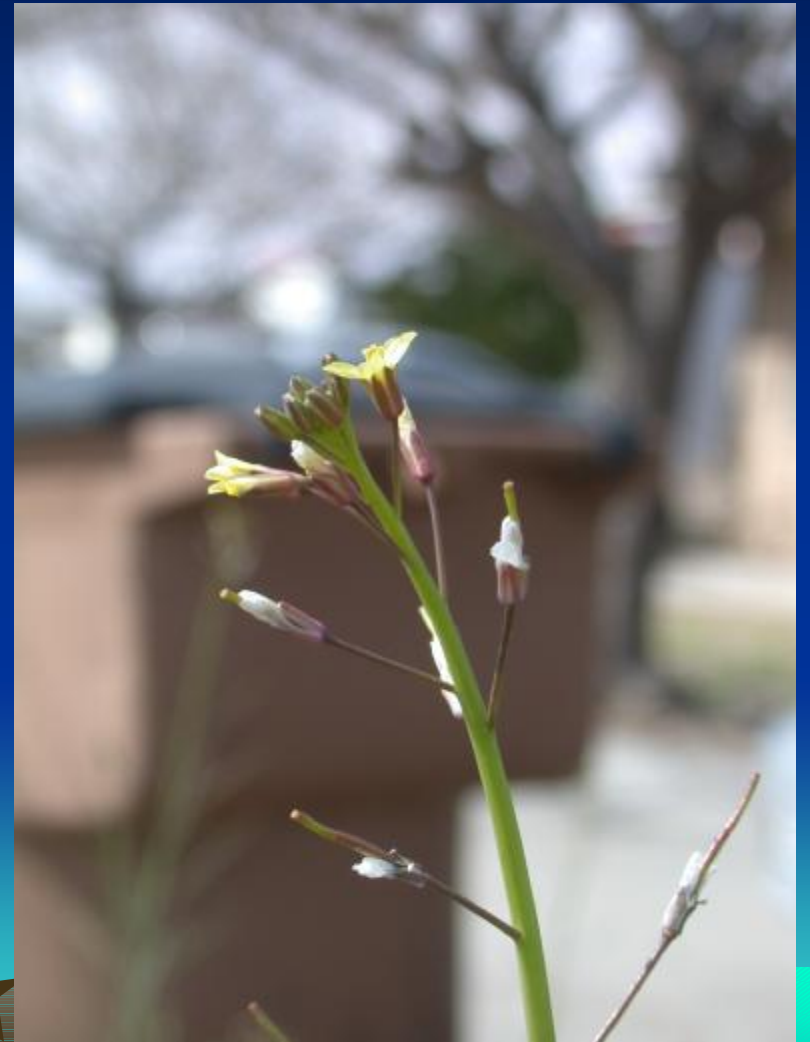


African/Sahara Mustard (*Brassica tournefortii*) in New Mexico

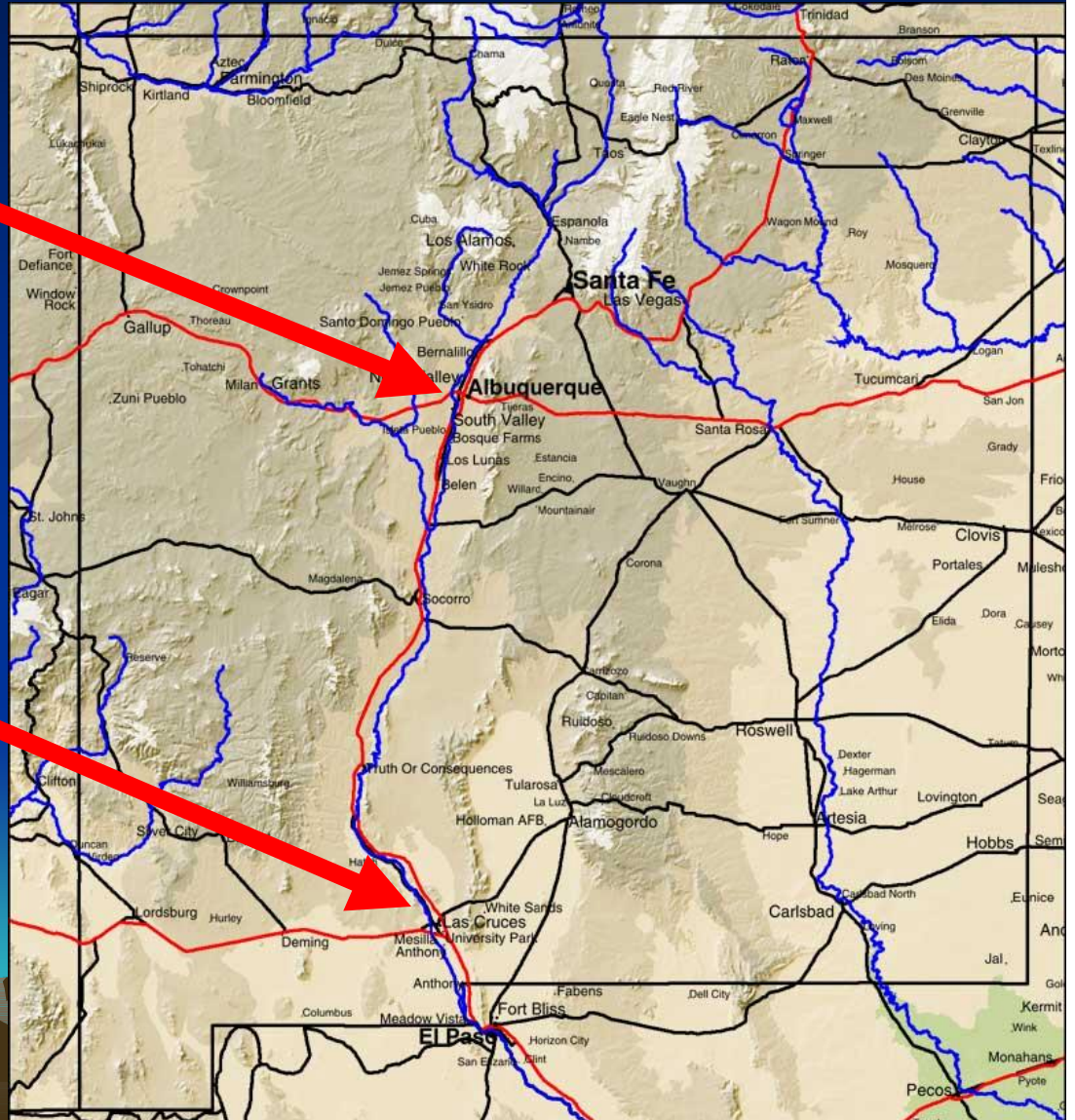
Mark Renz

Extension Weed Specialist
New Mexico State University



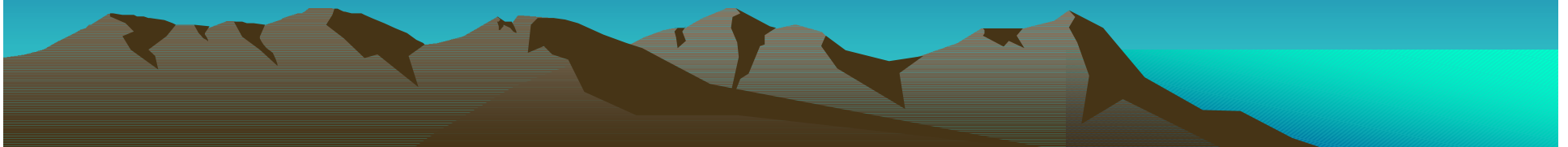
Where do we find this plant in NM?

- Edgewood
 - Just outside of Albuquerque
 - 7,000 foot elevation
 - pinyon-juniper zone
- In Las Cruces
 - 4000 ft elevation
 - Northern edge of the Chihuahuan desert

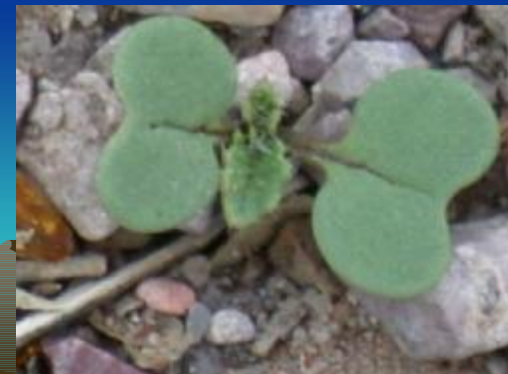


What are the major management concerns?

- How is it getting to these areas?
- How can we get people to differentiate this plant from other annual mustards?
- Potential host with Curly-Top virus

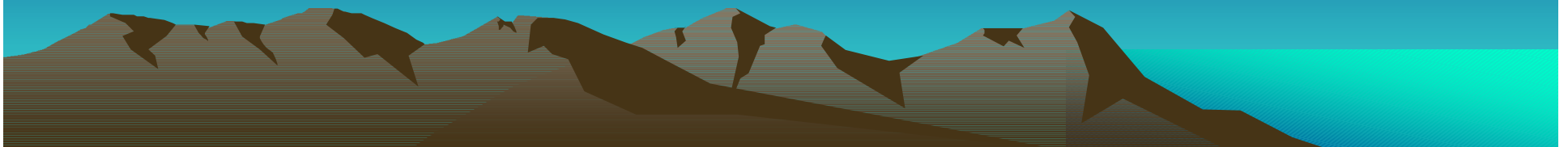


How are people dealing with it in Las Cruces, NM?



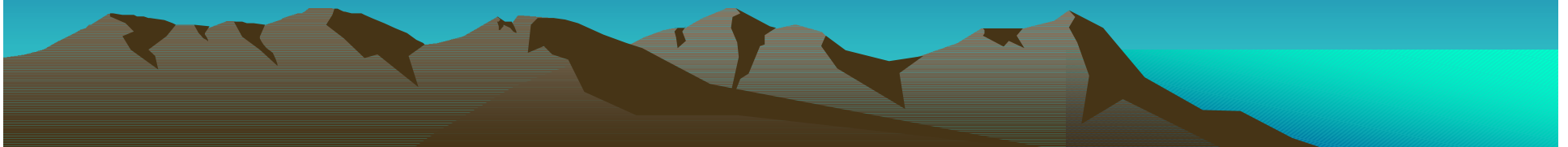
How are people dealing with it in Edgewood, NM?

- Just discovered it as a pest in 2005
 - Apparently brought in either on equipment, or with fill dirt, when they constructed a shopping center.
- Volunteers have hand-pulled populations this year, but may not have gotten all plants before they went to seed.



How is it perceived to rank in comparison with the other invasive plants managed in the state?

- Not listed on states weed list
- Few people are concerned about this and view it as ANOTHER ANNUAL MUSTARD
- Concern about it's potential to spread into our rangeland system



Information needed

- What are the physiological limitations for this plant?
 - Precipitation
 - Soil types
 - Temperature
- Seed/seedling biology
 - Longevity in seedbank
 - Seed dormancy
- What is the major method of dispersal of this plant?
 - Infested hay
 - Roadsides
 - Fill dirt

