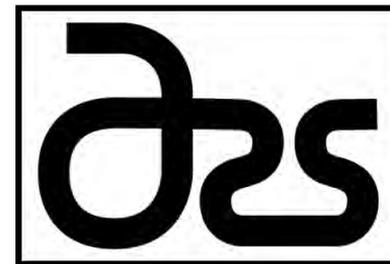




**Rangeland Plant
Ecology Research
Forage and Range Research Laboratory**

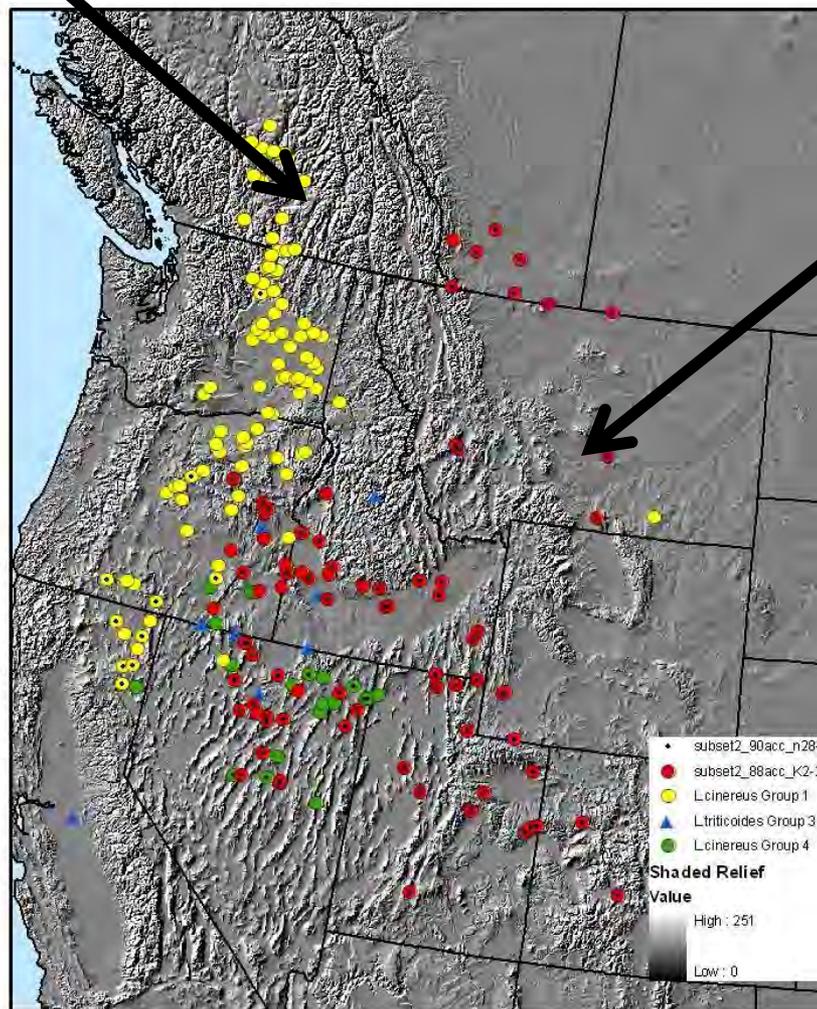
**'Continental'
basin wildrye
and the
Tertiary Restoration
Gene Pool**





Three major genetic groupings of basin wildrye

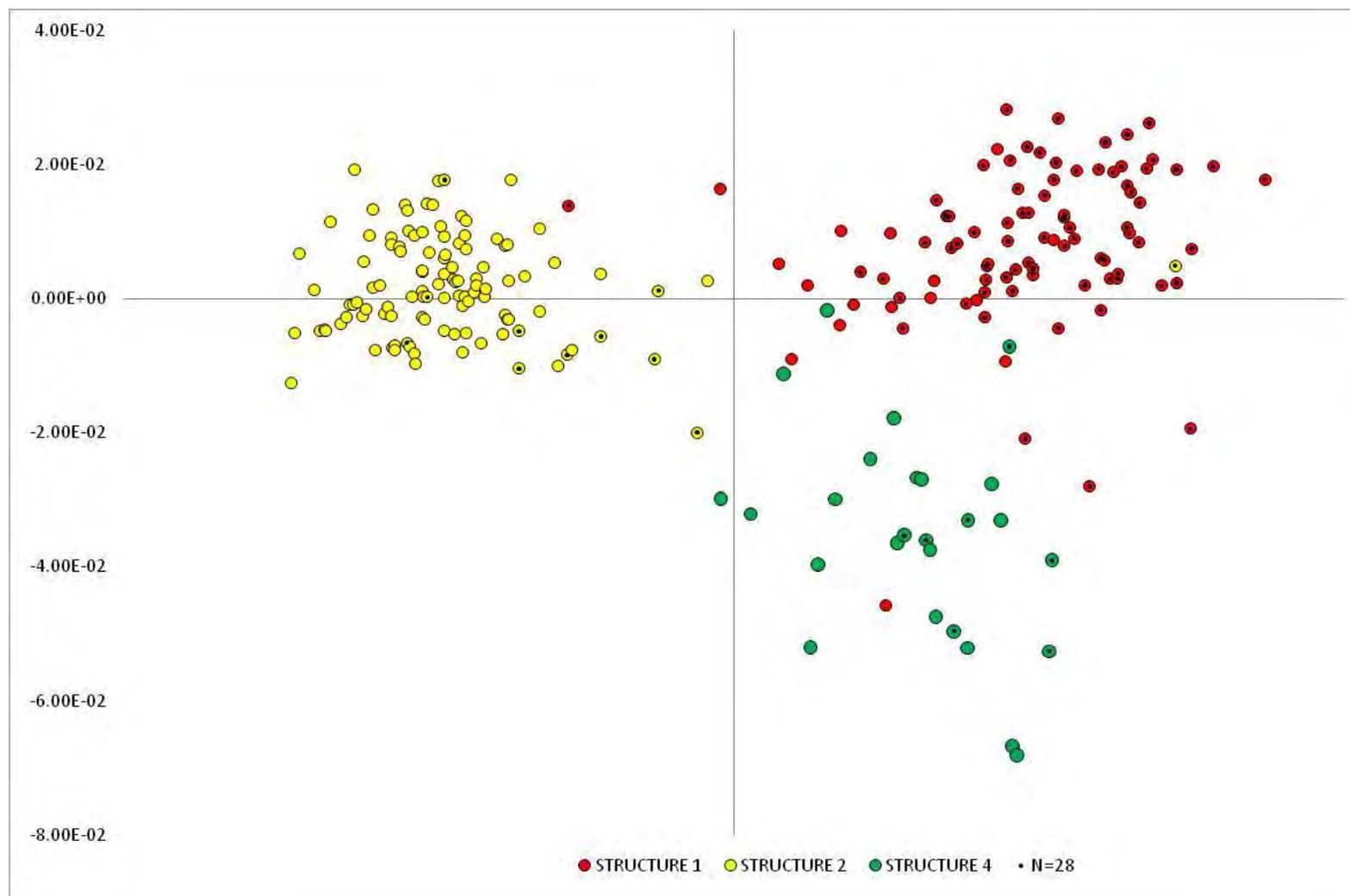
Magnar



Trailhead

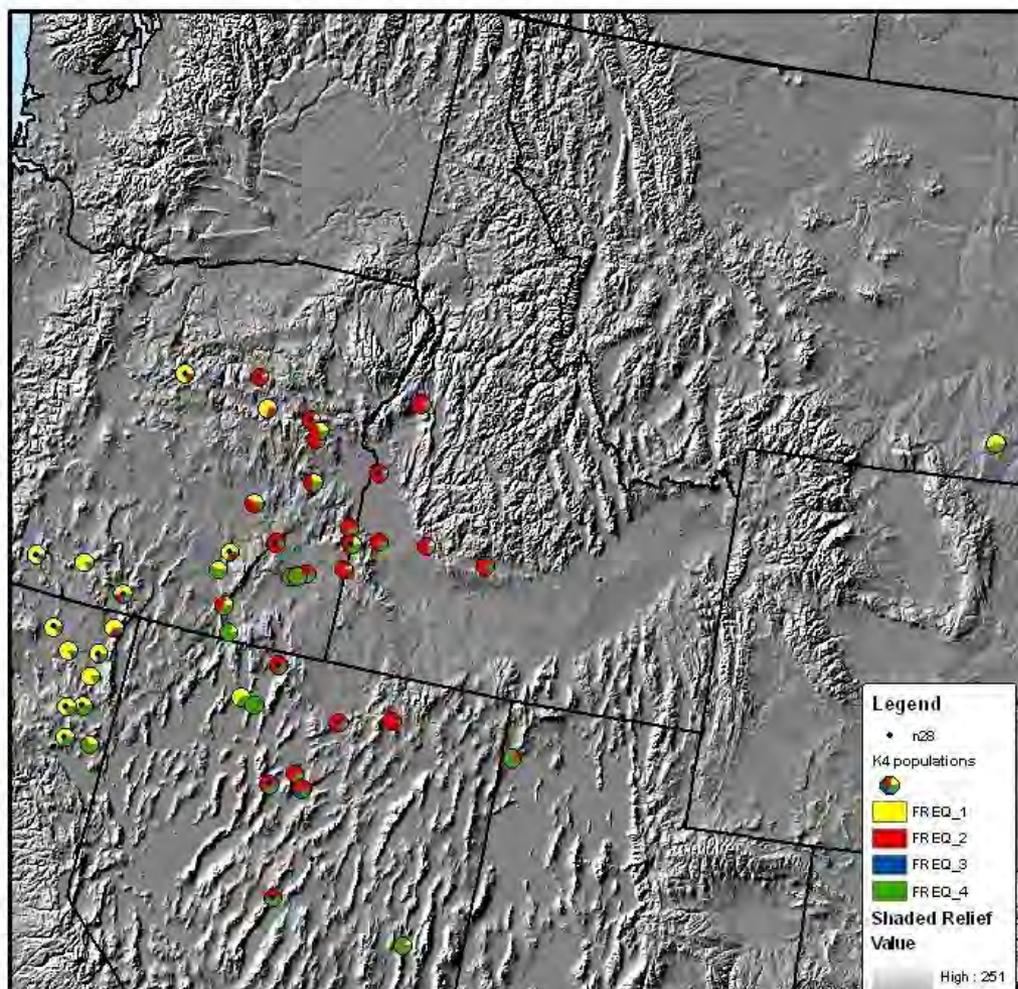


Three major genetic groupings of basin wildrye





Admixed populations of basin wildrye





Development of 'Continental' basin wildrye

Magnar
($2n=8x=56$)



x



L-28



Continental
($2n=8x=56$)

Trailhead

($2n=4x=28$)

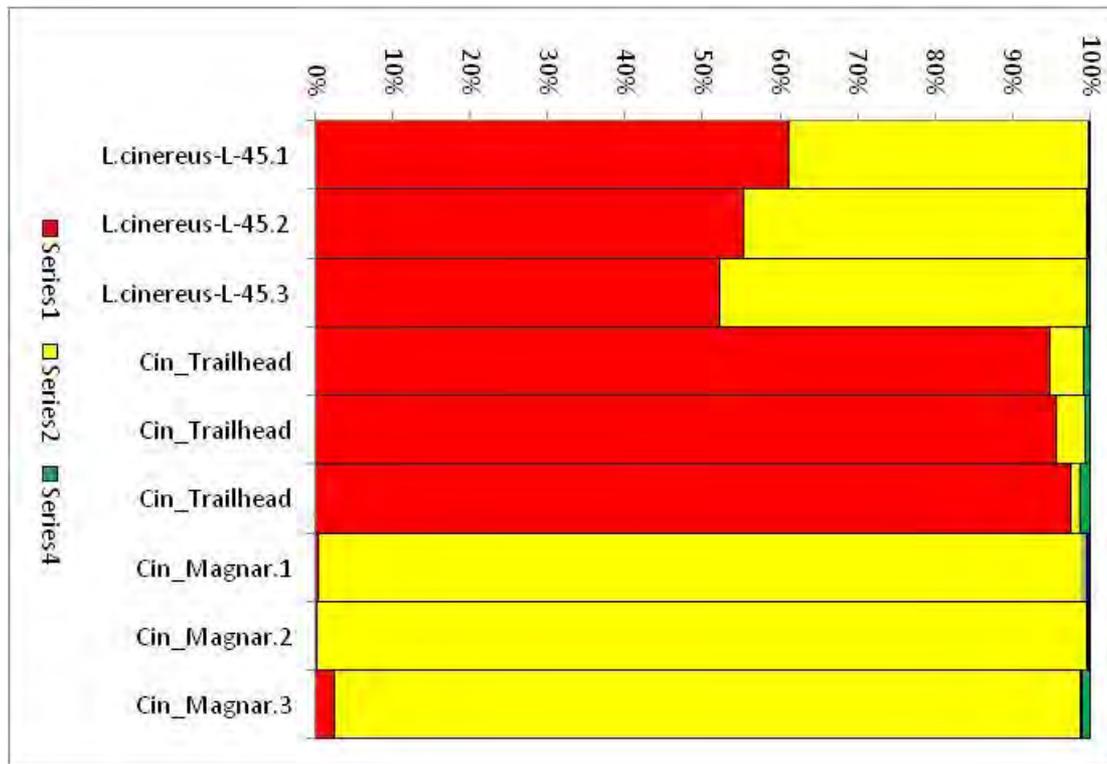


chromosome-
doubling

Trailhead

($2n=8x=56$)





Continental
Trailhead
Magnar

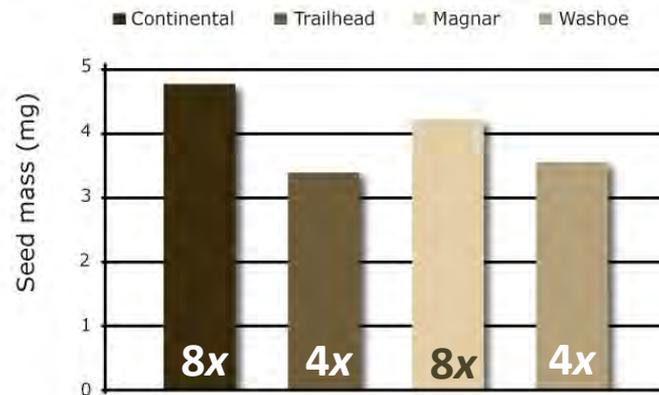


Continental basin wildrye seed mass

PLANTS FOR THE WEST



Seed Mass at Millville, UT (2009)





Seed mass of basin wildrye plant materials

Evans Farm (2009)

mg/seed

Continental	4.60
Magnar	4.07
Washoe	3.42
Trailhead	3.25

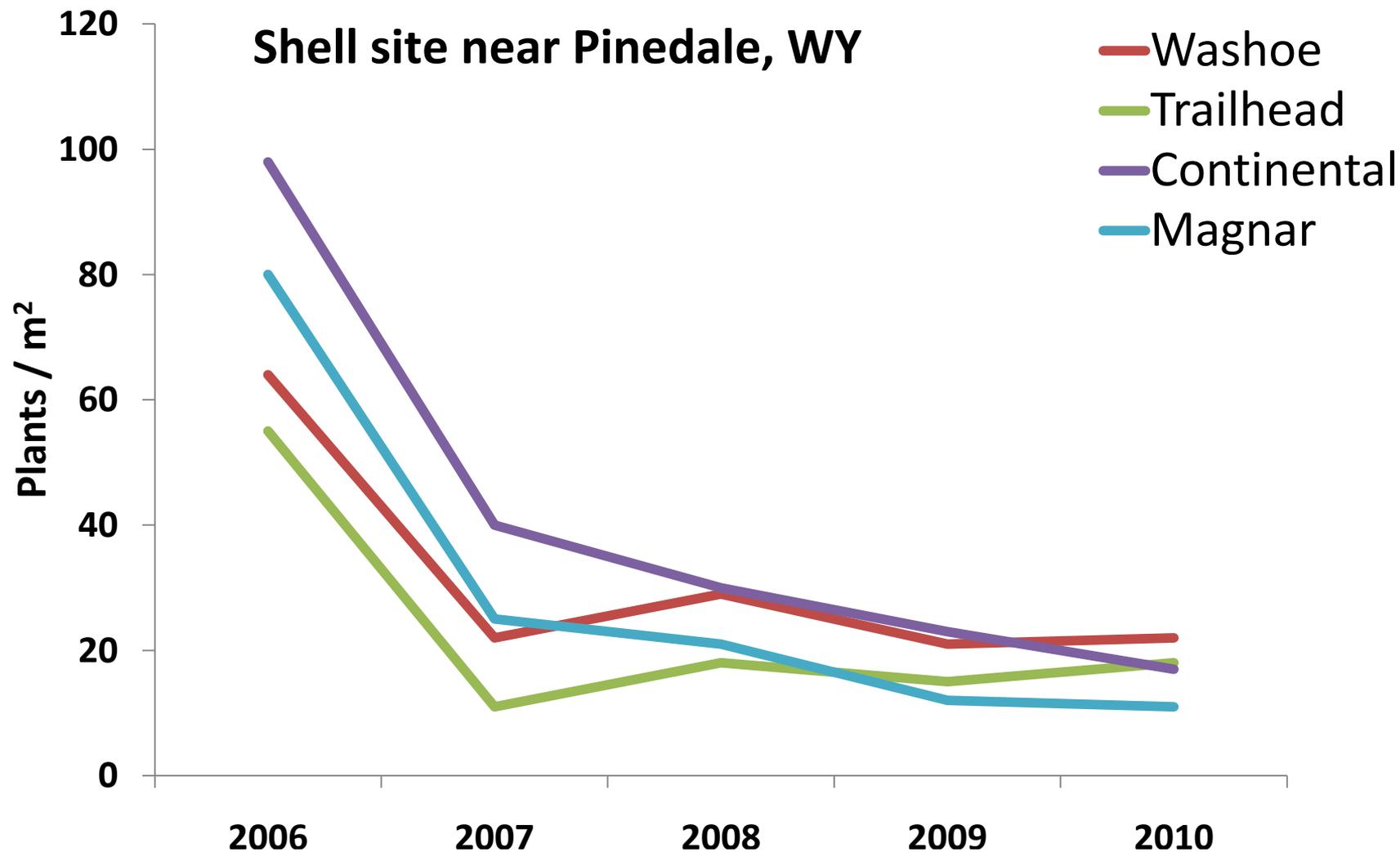
North Park Farm (2010)

mg/seed

Continental	4.59
L-61	4.44
Magnar	3.82



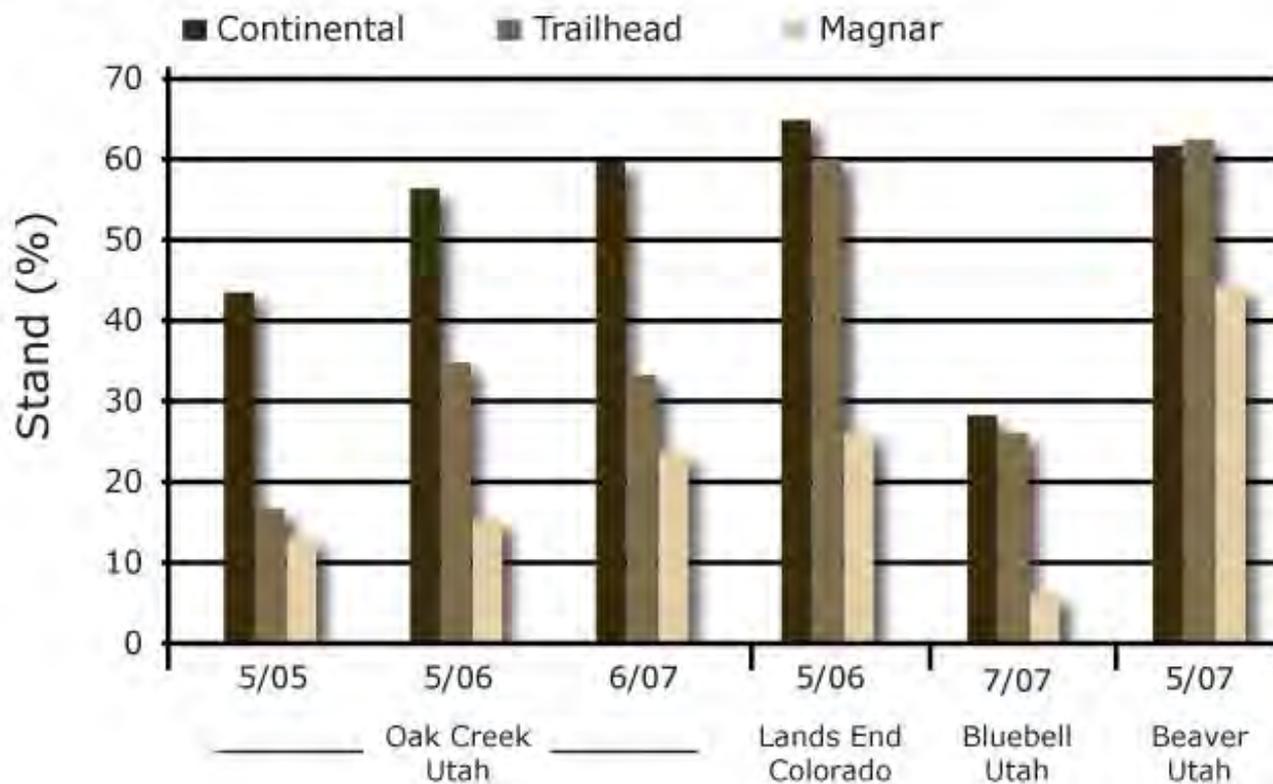
Stand establishment and persistence





Continental basin stand establishment

Stand Establishment





Continental basin wildrye

A landscape photograph showing a field of tall, golden-brown grass in the foreground. In the background, there are rolling hills under a dramatic, cloudy sky. The lighting suggests late afternoon or early morning, with some light breaking through the clouds.

THE WHY