



# NOXIOUS SPECIES

## IDENTIFICATION GUIDE

VALUE AND QUALITY ASSURANCE SECTION







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**DOCUMENT SET UP TO PRINT TWO-SIDED.**

**Sources of information and other photographs:**

DiTomaso, J., & Healy, E. (2007). In *Weeds of California and Other Western States* (Vol. 1 and Vol. 2). Oakland: Regents of the University of California.

SOUTHWEST ENVIRONMENTAL INFORMATION NETWORK, SEINet. 2014. <http://swbiodiversity.org/seinet/index.php>. Accessed in October.

USDA, NRCS. 2014. The PLANTS Database (<http://plants.usda.gov>, 03 September 2014). National Plant Data Team, Greensboro, NC 27401-4901 USA.

(1996). In T. Whitson (Ed.), *Weeds of the West* (5th ed.). Newark, CA: The Western Society of Weed Science in cooperation with the Western United States Land Grant Universities Cooperative Extension Services.

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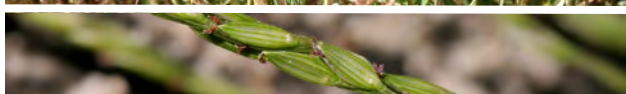
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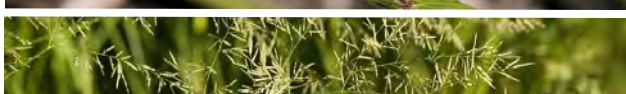
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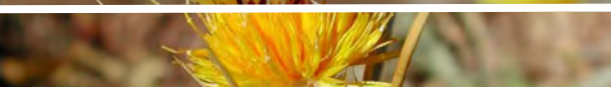










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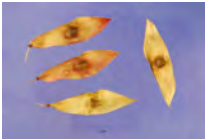
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Tree of Heaven (*Ailanthus altissima*)

General Information	Source listing	Noxious Status	Duration	Seed
Grows in riparian areas. Up to 65' tall.	TNF AZ FED	PNW RNW RGNW	Perennial	



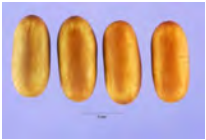


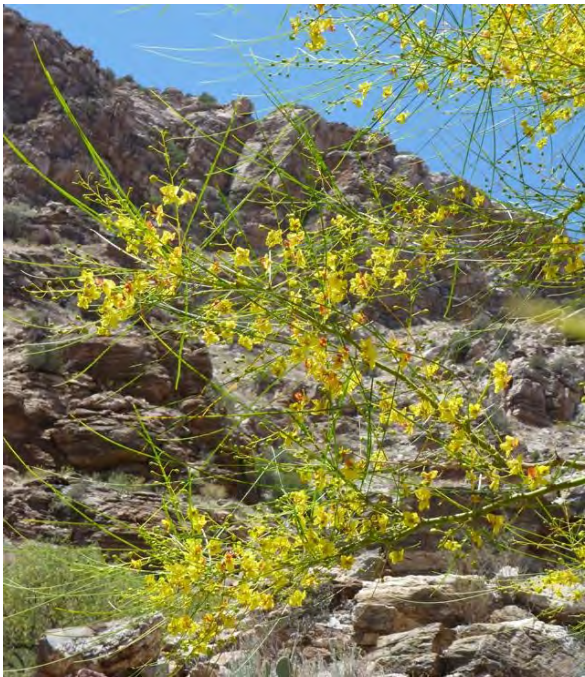
General Information	Source listing	Noxious Status	Duration	Seed
Arizona Native.	TNF	PNW	Perennial	Not Available
Up to 10' tall.	AZ	RNW		
	FED	RGNW		





Jerusalem Thorn (*Parkinsonia aculeata*)

General Information	Source listing	Noxious Status	Duration	Seed
Arizona Native. Up to 40' tall.	TNF AZ FED	PNW RNW RGNW	Perennial	

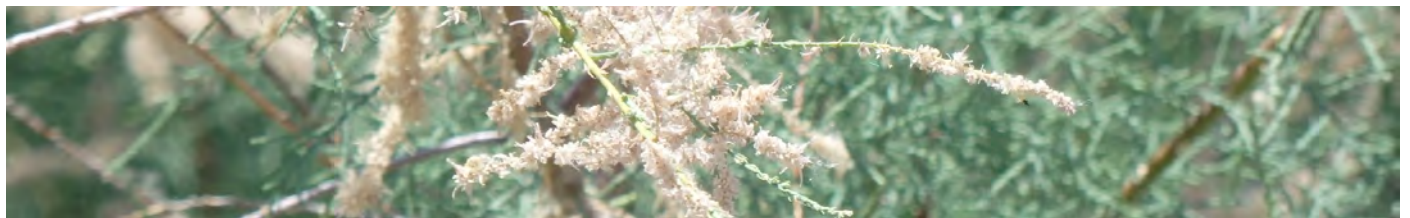


Left. Photo Credit: Liz Makings from SEINet Research Database  
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General Information	Source listing	Noxious Status	Duration	Seed
-	TNF	PNW	Perennial	Not Available
	AZ	RNW		
	FED	RGNW		









Jointed Goatgrass (*Aegilops cylindrica*)


General Information	Source listing	Noxious Status	Duration	Seed
Up to 2.5' tall.	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		



Photo Credit: USDA APHIS PPQ Archive, USDA APHIS PPQ, Bugwood.org





General Information	Source listing	Noxious Status	Duration	Seed
Up to 4' tall.	TNF	PNW	Perennial	Not Available
	AZ	RNW		
	FED	RGNW		

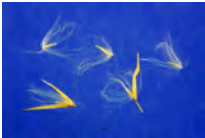


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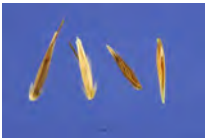


Giant Reed (*Arundo donax*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 20' tall.	TNF	PNW	Perennial	
	AZ	RNW		
	FED	RGNW		





General Information	Source listing	Noxious Status	Duration	Seed
Up to 4' tall.	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		



© Mark W. Skinner 1996



Left. Photo Credit: Mark W. Skinner, hosted by the USDA-NRCS PLANTS Database  
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Southern Sandbur (*Cenchrus echinatus*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 8" tall.	TNF	PNW	Annual	Not Available
	AZ	RNW		
	FED	RGNW		



All photos. Photo Credit: Forest and Kim Starr from SEINet Research





General Information	Source listing	Noxious Status	Duration	Seed
Up to 11" tall.	TNF	PNW	Annual	Not Available
	AZ	RNW	Perennial	
	FED	RGNW		




All photos. Photo Credit: Max Licher from SEINet Research





Bermudagrass (*Cynodon dactylon*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 2" tall.	TNF	PNW	Perennial	
	AZ	RNW		
	FED	RGNW		





General Information	Source listing	Noxious Status	Duration	Seed
Up to 2' tall.	TNF	PNW	Annual	Not Available
	AZ	RNW		
	FED	RGNW		



Left. Photo Credit: The Morton Arboretum from SEINet Research


Top right. Photo Credit: Max Licher from SEINet Research

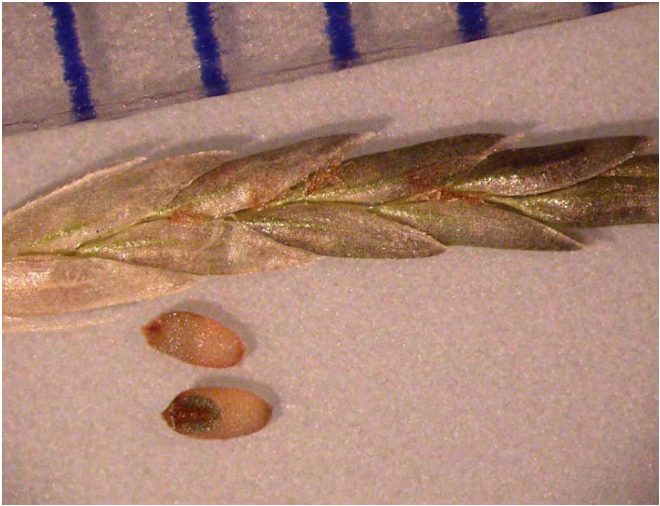
Bottom right. Photo Credit: Patrick Alexander from SEINet Research





Lehmann Lovegrass (*Eragrostis lehmanniana*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 2' tall.	TNF	PNW	Perennial	
	AZ	RNW		
	FED	RGNW		



Top left. Photo Credit: Max Licher from SEINet Research  
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## General Information

Up to 3' tall.

## Source listing

TNF

AZ

FED

## Noxious Status

PNW

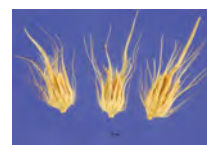
RNW

RGNW

## Duration

Perennial

## Seed





General Information	Source listing	Noxious Status	Duration	Seed
Up to 3' tall.	TNF	PNW	Perennial	Not Available
	AZ	RNW		
	FED	RGNW		





## General Information

Up to 8' tall.

## Source listing

TNF

AZ

FED

## Noxious Status

PNW

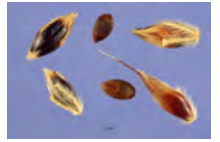
RNW

RGNW

## Duration

Perennial

## Seed














Russian Knapweed (*Acroptilon repens*)

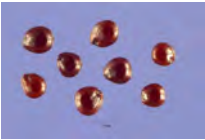
General Information	Source listing	Noxious Status	Duration	Seed
Up to 4' tall.	TNF	PNW	Perennial	
	AZ	RNW		
	FED	RGNW		



All two photos above. Photo Credit: Max Licher from SEINet Research





General Information	Source listing	Noxious Status	Duration	Seed
Up to 5' tall.	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		




Top left. Photo Credit: Max Licher from SEINet Research  
Bottom left. Photo Credit: Patrick Alexander from SEINet Research  
Right. Photo Credit: Michael J. Plagens from SEINet Research



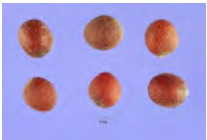


Kochia / Burningbush (*Bassia scoparia*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 2' tall.	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		





General Information	Source listing	Noxious Status	Duration	Seed
Up to 6.5' tall.	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		



Courtesy of the Forest Preserve District of DuPage County




Left. Photo Credit: Morton Arboretum from SEINet Research Database  
Top and Bottom Right. Photo Credit: Max Licher from SEINet Research Database





Sahara Mustard (*Brassica tournefortii*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 4' tall.	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		





General Information	Source listing	Noxious Status	Duration	Seed
Up to 3' tall.	TNF	PNW	Annual	Not Available
	AZ	RNW	Perennial	
	FED	RGNW		





Maltese Starthistle (*Centaurea melitensis*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 2' tall.	TNF	PNW	Annual	Not Available
	AZ	RNW	Biennial	
	FED	RGNW		



All photos. Photo Credit: Max Licher from SEINet Research





General Information	Source listing	Noxious Status	Duration	Seed
Up to 3' tall.	TNF	PNW	Annual	Not Available
	AZ	RNW		
	FED	RGNW		

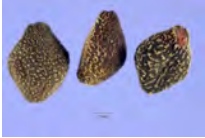


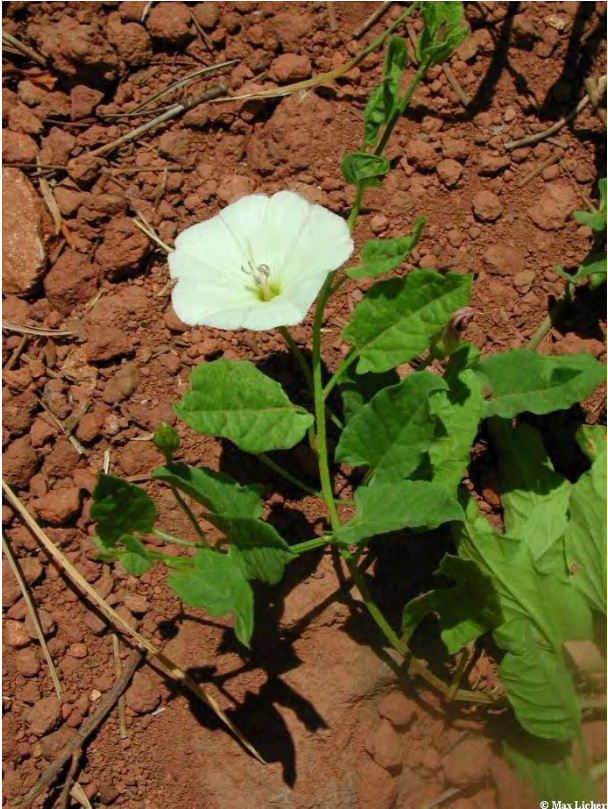
All photos. Photo Credit: Max Licher from SEINet Research





Field Bindweed (*Convolvulus arvensis*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 4' tall.	TNF	PNW	Perennial	
	AZ	RNW		
	FED	RGNW		



All photos. Photo Credit: Max Licher from SEINet Research





## General Information

Up to 10' tall.

## Source listing

TNF

AZ

FED

## Noxious Status

PNW

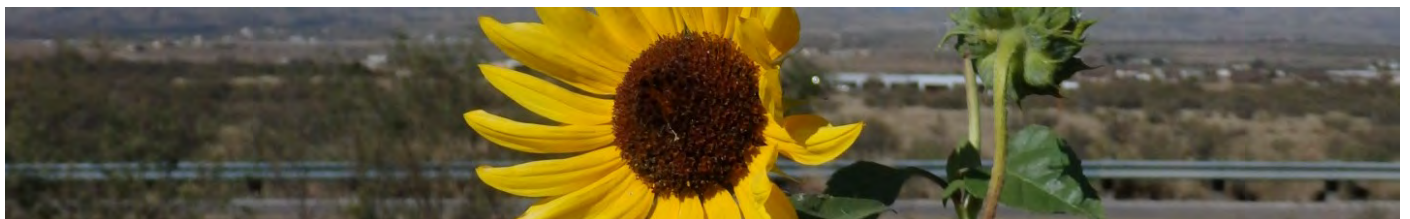
RNW

RGNW

## Duration


Annual

## Seed





Camphorweed (*Heterotheca subaxillaris*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 6' tall.	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		





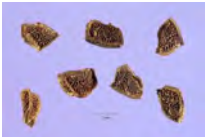
General Information	Source listing	Noxious Status	Duration	Seed
Up to 3' tall.	TNF	PNW	Perennial	
	AZ	RNW		
	FED	RGNW		

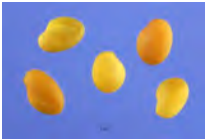


Photo Credit: Susan Turner, British Columbia Ministry of Forests, Bugwood.org





Yellow Sweetclover (*Melilotus officinalis*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 6.5' tall.	TNF	PNW	Annual	
	AZ	RNW	Biennial	
	FED	RGNW	Perennial	



All photos. Photo Credit: Max Licher from SEINet Research





## General Information

Up to 12' tall.

## Source listing

TNF

AZ

FED

## Noxious Status

PNW

RNW

RGNW

## Duration

Biennial

## Seed



All photos above. Photo Credit: Max Licher from SEINet Research





Tumbleweed (*Salsola tragus*)

General Information	Source listing	Noxious Status	Duration	Seed
Up to 3' tall.	TNF	PNW	Annual	Not Available
	AZ	RNW		
	FED	RGNW		





## General Information

Up to 3' tall.

## Source listing

TNF

AZ

FED

## Noxious Status

PNW

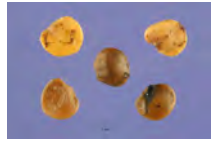
RNW

RGNW

## Duration

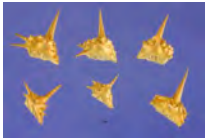
Perennial

## Seed





Puncturevine (*Tribulus terrestris*)

General Information	Source listing	Noxious Status	Duration	Seed
-	TNF	PNW	Annual	
	AZ	RNW		
	FED	RGNW		



Top. Photo Credit: Patrick J. Alexander hosted by the USDA-NRCS PLANTS Database  
Bottom. Photo Credit: Max Licher from SEINet Research Database





## General Information

Up to 5' tall.

## Source listing

TNF

AZ

FED

## Noxious Status

PNW

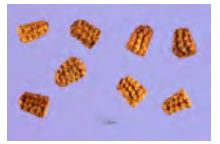
RNW

RGNW

## Duration

Annual

## Seed



All photos. Photo Credit: Max Licher from SEINet Research

