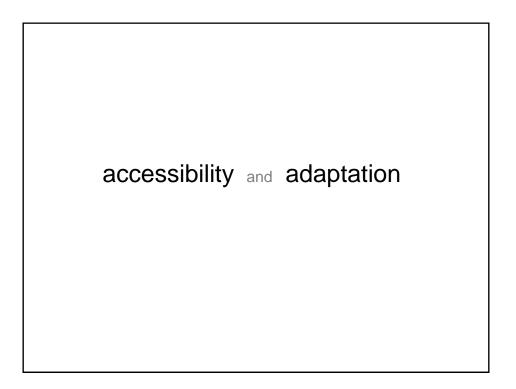




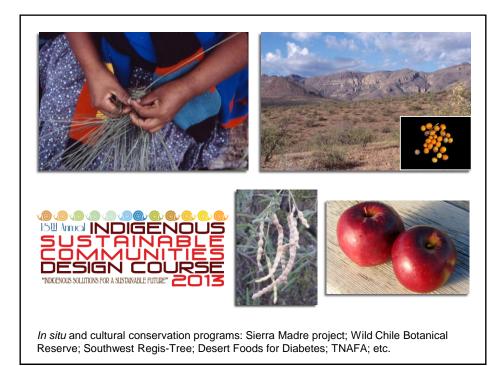


- \* NGO founded in 1983 in Tucson, USA
- Conserves, documents and promotes local crop varieties and wild relatives in the Greater Southwest region
- In situ, ex situ, and cultural conservation programs
- Works toward regional food security, sovereignty and resiliency
  - High rates of food insecurity
  - + High rates of farmland degradation
  - Pending critical water shortages
  - Rapidly growing populations
  - Reliant on fragile supply lines
  - At the frontlines of climate change











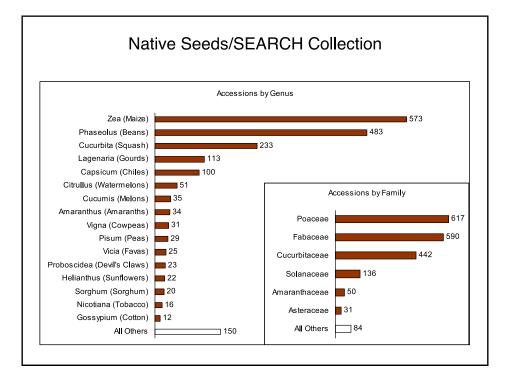
Distribution and education programs: Catalog, seed packets and Seed Watch (*top left*); Retail Store (*bottom left*); Seed School (*top right*); Salons (*bottom right*).



## NS/S Seed Bank Collection

- 1,900 accessions, 100 species
- Agricultural and ethnobotanical legacies of over 50 indigenous peoples
- Over past decade have distributed ~25,000 seed packets/year (now ~70,000/year)
  - ✤ 25% returned to indigenous farmers
- \* Consists largely of landrace/local varieties
- Increasing global importance due to climate change
- Expanding scope to include material from outside region
- Actively working on IPR/benefits sharing





## Restoration of Heritage Grains in the Borderlands

- A two-year grant-funded project involving nearly 20 non-profits and businesses in southern Arizona
- Aimed at market recovery of two of the oldest grains grown in Arizona: White Sonora soft bread wheat and Chapalote flint corn
- Includes production, research, milling, distribution, marketing, and education



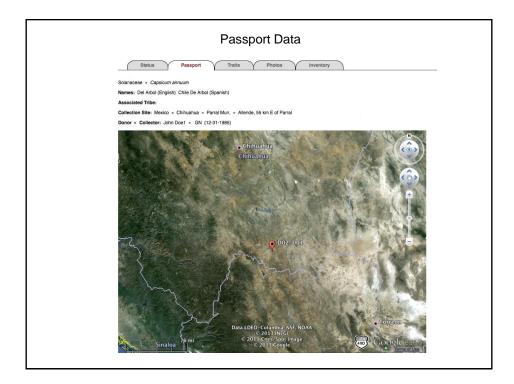


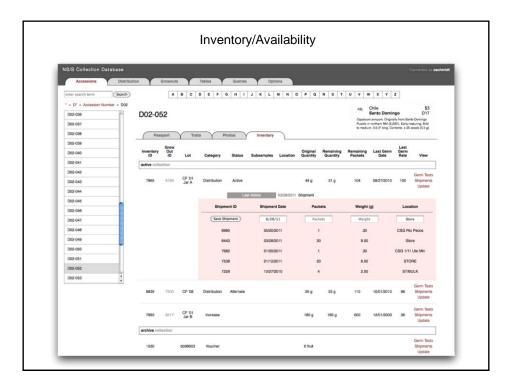




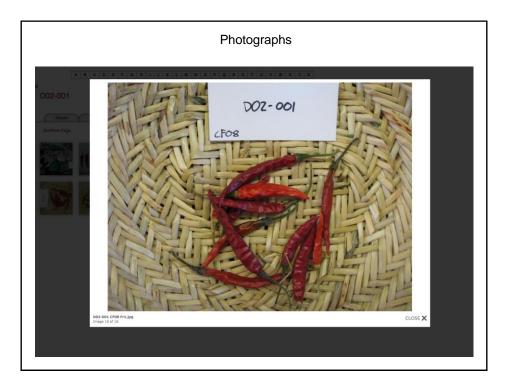


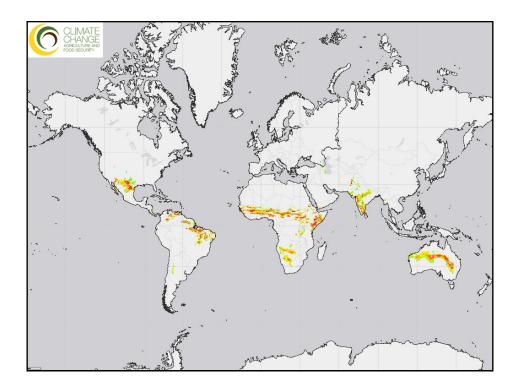
ADAPTS		the Adaptive Drylands Agriculture Portal for The Southwest					
enter search term	Modify Search						
Browse All . Advanced Search							
B01-003	Advanced Search	1					
B02-001	Use the fields below to search the	Use the fields below to search the Native Seeds/SEARCH seed bank collection. You may fill out as many fields as you'd like to refine your					
BB01-002	search. The search will return acce	search. The search will return accessions matching all of the entered values. Exact matches are not required except where noted.					
C02-005	General	Coneral					
C04-001	General						
CC02-003	Crop Type ?	Associated Culture ?	Accession Number ?				
D01-005	enter crop type	enter associated culture	enter accession number				
D01-007							
D01-008	Catalog Number ?	Catalog Name ?	Sample ID ?				
D01-010	enter catalog number	enter catalog name	enter sample ID				
D01-011							
D01-023	Taxonomy						
D02-003	Family ?	Genus ?	Species ?				
D02-030	enter family	enter genus	enter species				
D02-046	enterramily	enter genus	enter species				
E01-001							
E01-016	Collection Localities	3					
E01-018	Country ?	State ?	City or Place ?				
	enter country	enter state	enter city				
	Distance from Address ?						
	000	1000	3584 E River Rd, Tucson AZ				
	Within	miles and ft. of	SOUTE THEI THE THE THE THE				
	Search						





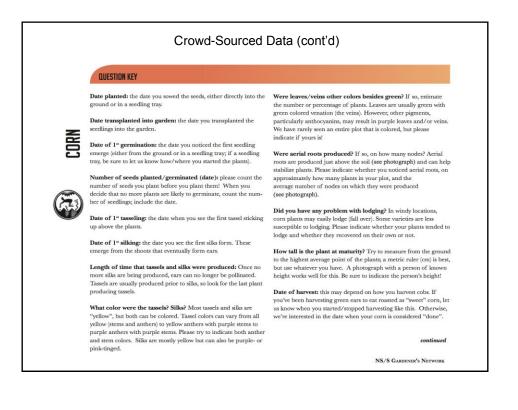
Traits						
Status Passport	Traits Photos Inventory					
Character	Observation Frequency Comments	Lot	Character Description (Source: Code)			
Corolla Color	white	CF 101	(Bioversity 7.2.1.4)			
Corolla Shape	rotate	CF 101	(Bioversity 7.2.1.6)			
Date Of 50% Flower	6/24/2001	CF 101				
Date Of 50% Fruit Set	8/24/2001	CF 101				
Date Of 50% Maturity	9/3/2001	CF 101				
Date Of First Flower	6/21/2001	CF 101				
Date Of First Fruit Set	6/24/2001	CF 101				
Days To 50% Flower	86	CF 101				
Days To 50% Fruit Set	147	CF 101				
Days To 50% Maturity From Planting	157	CF 101				
Days To 50% Maturity From Transplanting	96	CF 101				
Days To First Flower	83	CF 101				
Days To First Fruit Set	86	CF 101				
Flower Position	intermediate	CF 101	Recorded at anthesis. (Bioversity 7.2.1.3)			
Fruit Color At Intermediate Stage	green	CF 101	Recorded on fruits just before the ripening stage (Bioversity 7.2.2.3)			
Fruit Color At Mature Stage	red	CF 101	(Bioversity 7.2.2.6)			
Fruit Length	8.06 cm	CF 101	Average fruit length of 10 ripe fruits of the second harvest (Bioversity 7.2.2.8)			
Fruit Shape	elongate	CF 101	(Bioversity 7.2.2.7)			
Fruit Shape At Blossom End	pointed	CF 101	Average of 10 fruit (Bioversity 7.2.2.15)			
Fruit Shape At Pedicel Attachment	acute	CF 101	(Bioversity 7.2.2.13)			
Fruit Shape At Pedicel Attachment	obtuse	CF 101	(Bioversity 7.2.2.13)			
Fruit Width	1.37 cm	CF 101	Measured at the widest point. Average fruit width of 10 ripe fruits of the second harvest (Bioversity 7.2.2.9)			





Discussion Forum
Index Recent Topics New Topic No Replies My Topics Profile Help Search Welcome, cschmidt Last Visit Date: Today Logout
Forum • Main Forum • Welcome Mat Category Header  Velcome to the Kunena forum! Tell us and our members who you are, what you like and why you became a member of this site. We welcome all new members and hope to see you around a lot!
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Choose Action -      Choose Destination -      Go     Velcome Mat     Go     Velcome Mat     Go
Forum  Main Forum Welcome Mat Time to create page: 0.453 seconds Powered by Kunena Forum

INFORMATION FORM	PHOTOGRAPHING CORN	SAMPLE PHOTOS
Please fill out the following questions for each corn variety that you grow. When applicable, all measurements should be metric. Weight can be in lbs. as it's easily converted to grams or kilos. CATALOC NO/CROP NAME:	Getting get good photographs of plants in the field can be difficult. Mostly what we're looking for with corn is some sense of the overall plant, the car and color of the kernels and any other interesting features. At right are several examples to help you best document each variety you grow. If you're growing more than one corn variety, be sure to label each photo-	
Date planted: Date transplanted into garden (if applicable): Date of 1° germination:	graph with the catalog name and number. If you're only growing one variety, it's still a good idea, but less critical. A ruler helps give scale to your photograph and is an important feature for NS/S. If possible, be sure to include <b>something for scale</b> in cach photograph—a yard/meter stick, shovel, person, etc. for vhole plants a ruler, business card, etc. for close-upa.	
No. seeds planted: No. seeds germinated (date):	If you don't have a good meter stick, a person standing near the corn is a good way to "measure" plant height. Be sure to provide us with the person's height!	First 82
Did the crop receive full sun, partial sun, or full shade?	Photo-documentation of the ears is extremely important for maize—it shows both kernel color but also the general size and shape of the ears, both important in determining which race of maize an accession belongs to.	



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