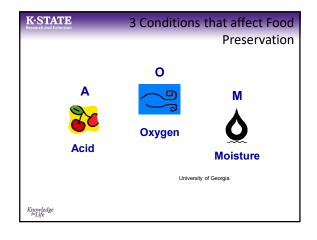


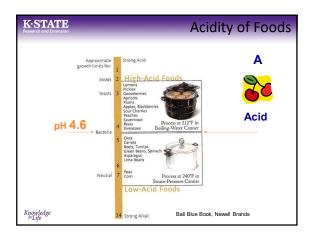


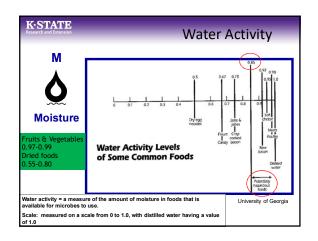


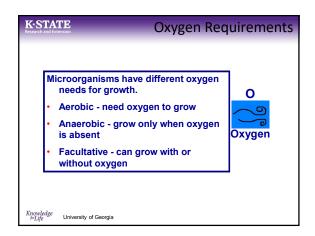


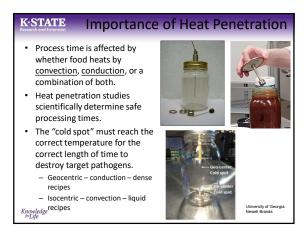
STATE ch and Extension	Conditions for Gro				
F	A	Т			
Food	Acid	O Time			
T	0	M			
Ð	٥ ٩	\ODE			
Temperature	Oxygen	Moisture			

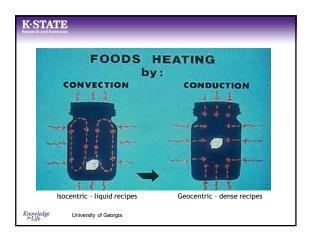




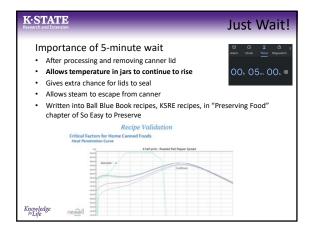


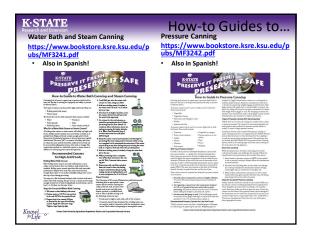




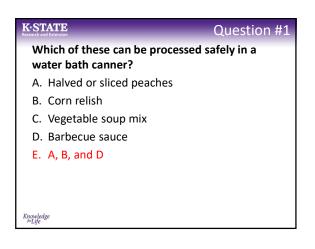




















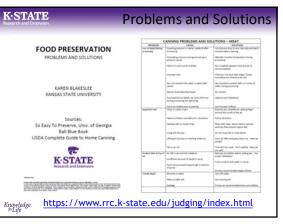
Knowledge ^{for}Life

K•STAT Research and Exter	Labels for Jars
	Class No Product Name County/District Altitude where processed Process Time Canning Method: Water Bath OR Pressure Dial Gauge (psi) Weighted Gauge (psi) Date processed (month/year)
	http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/ Scroll down to "Food Preservation" Also on <u>https://www.rrc.k-state.edu/judging/index.html</u>
Knowledge ^{for} Life	

Must have recipe Recipe source Processing adjustment for altitude, if needed Date of recipe source If using Ball or Mrs. Wage's mix or pectin inserts, indicate date purchased Clear jars Jerky must list heat treatment









K-STATE Research and Extension	What Judges Consider
Disqualification	Lowering a Ribbon Placing
Jar unsealed	 Not following fair book rules
No recipe	 Different color rings/ bands
 No label, missing information 	 Messy jars, rusty rings
 Wrong processing method 	Not enough liquid
Underprocessing	Improper headspace
 Jerky not heated to 160°F 	 Wrong color (artificial color added if not in recipe)
 Jar bigger than recipe states 	Food over mature
 Added thickeners, rice, pasta 	 Uneven sized food pieces
Moving bubbles	Using colored jars
 Not acidifying tomatoes 	 Brands of jar/lids not the same
 Mashed or pureed pumpkin/winter 	 Food above liquid
squash	 Fancy pack, if not stated in recipe
 Paraffin wax on sweet spreads 	• Foreign material
 Untested recipe source 	 Abnormal sediment in jars
Contains alcohol	Using iodized salt
Knowledge ^{for} Life	

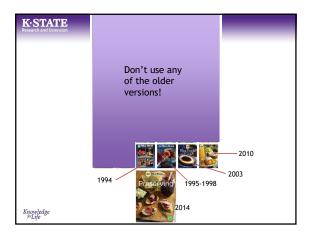
Showmanship Tips While not critical for food safety or quality, these can affect final ribbon placing. Use same color rings and lids Using the same brand of jars and lids Hard water residue present on jar surface should be removed Sticky label residue on the reused jars should be removed Rings should be free of rust

Remove rings, check for sticky residueNo fabric lid covers or other décor

Knowledge ∫⁰Life







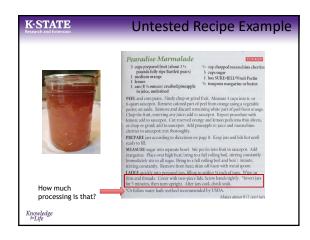










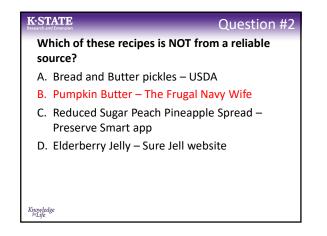














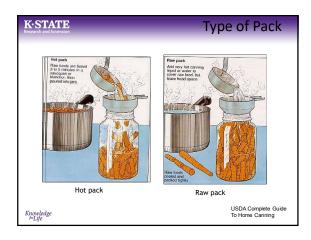




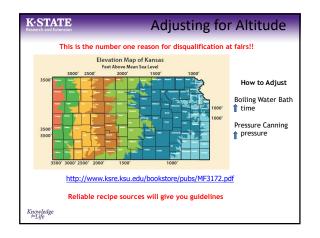


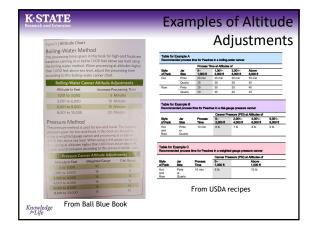
















K·STATE

Fancy Packs

From Univ. of Georgia

- Many types of fancy packs produce potentially unsafe products.
- The adequacy of process times is dependent on using specified preparation procedures.

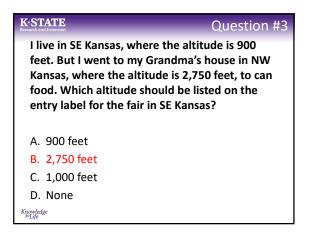


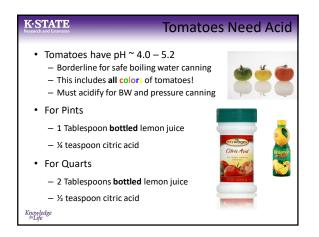
 Fancy packs may not have received adequate heat penetration to kill harmful microorganisms.

https://nchfp.uga.edu/publications/nchfp/tech_bull/1Judging_Preserved.pdf Knowledge #Life













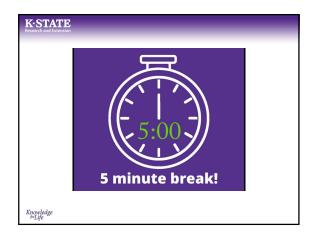








K-STATE Research and Extension	Question #4
Which of these IS safely can	ned?
A. Salsa in a quart jar	
 B. Green beans processed in bath canner 	a boiling water
C. Strawberry jam inverted t canning)	to seal (open kettle
D. Acidified whole tomatoes canner	in a pressure
Knowledge ^{for} Life	



K·STATE Judging Steps Review recipe and label information

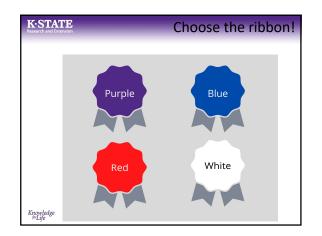
- Check lid seal
- Examine jar appearance
- Remove ring, check for residue
- Measure headspace
- Examine contents with flashlight
- Rotate jar, lean on its side to check food consistency - Look for defects
- Refer to judging scorecards for details
- · Provide comments, how to improve

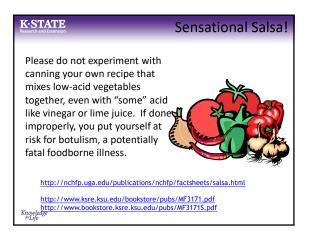
· Award ribbon placing

Knowledge

Italian Tomatoes	1000 M	ESERVATION EVALUATION - A	dging Canned Tomatoes and Tomato Product/Class	Preduts
12 cups halved cored peeled tomatoes (about 24 medium or 8 lb)	Country, Objection		Bibboe: Purple Bue Bed Wi arts, wort accounts on contrary accounts	
	Points to Consider Point Tafety	Cestrable	Ordediable	Comment
Water	Processing Method Processing Data Although Adjustment	Water Both or Pressure * Within last 12 months	Not processed correctly More than 32 months No occurrence adjustment for attitude	
Spice blend, see below	Attude Adjustment	Processing adjusted for attitude Attitude listed Property acidited	No processing adjustment for all bale Altrude not listed Net addited	
Ball [®] Citric Acid or bottled lemon juice		*Processing method varies by pr recommendations	solut, see specific product	
-	Jans/Gda	Standard dear jar Standard 2: piece lid/ling	"Commencial" jar "Commencial" lid	
Salt, optional		Ring still on Clean/Neut	King removed, cody Dirty/distanting deepr Ne label	
	Headspace	Label on Jan Tomatom, Julos, Saha - K Inch Tomato Sauce & Paste - N Inch	Too much or too little	
Italian Spice Blend	Tark .	Ketchap - 1/8 inch Usuid covers tomatom	Net enough liquid	
	Het peck is hest but raw peck can be used	Good proportion tomatoes to bould	Too tight or too loose	
4 tsp basil	for some tomatoes	No footing tomatoes	Flooting tomatoes - Used new pack; Isone pack; oversige tamataes	
2 tsp thyme	Size or Shape	No feam or bubbles Uniform pieces	Fearr or moving bubbles trogalar shapes	
	Texture	Tomatoes well-ripesed Prec of resublects Ciew, bright, slight line	Overripe Meshy, rough edges Too deady	
2-1/2 tsp oregano	Ligan	Mortly the of sediment. No foreign matter	Descripe truit Fereign matter (sterns, cover, skire,	
1-1/2 tsp sage		No bubbles	Insures, sprawding seeds, etc.) Bubbles present	
1 tsp garlic powder	Color	Someto juice - ne separation Natural for tomatoes, uniform	Tometo jake separated Dark, Overpresented	
		Free-of dark spots, maid, discoloration	Too little liquid causes tamatoes ta discolar	
1 tsp hot pepper flakes, optional	Racipe Source and Date	Reliable recipe source Must be an seripe Data recipe published lated	Unvellable rocipe source Net on recipe	
Add 2-1/4 tsp of spice blend to each pint jar. If	Stata Fair Rules violat	ad See # 1 2 3 4 5 6 7 8 5	Data not listed	
omitting hot pepper flakes, use only 2 tsp.	Kamper State Universi	ty Agricultural Experiment Station	and Cooperative Extension Service	





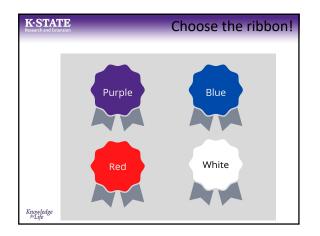






			0 0	Sal
Mrs. Wages Salsa	FODD PR	ESERVATION EVALUATION - 3.	éging Canned Tomatoes and Tomato 1 Product/Class	vedats
6 pounds tomatoes	County, Obstice	PROCESSED, INVESTIG, WHILE YO	Bibbon: Purple Bise Bed Wh	
1 pouch Mrs. Wages Salsa	Points to Consider Point Telep Processing Method Processing One Althouge Adjustment Achildreadien	Altitude listed Property acidited "Processing method varies by pr	Understable Mar processed convertly Marc than 12 months Marcon and advanteed for altitude Altitude not listed Net exidited stat, see querific product	Comments
	iner,/üde	recommendations Standard dear jar Standard 2: piece liditing Ring still on Clean/Neut	"Commencial" jar "Commencial" lid Bing removed, rudy Dety-distancing decar	
½ cup 5% vinegar	Headquere Fack	Label on jar Tomatoes, Iuloz, Saba - IS Inch Tomato Sacar & Paste - N Inch Ketchap - 1/8 Inch Usaid covers tomatoes	Ne label Too much ar too little Net enough liquid	
	Her peck is best but raw pack can be used for some tomatoes	Good proportion tamatoes to Boald No floating tamatoes No float or bubbles	Too tight or too loose Pooling tomatoes - Used raw pack: loose pack; overtige tomatoes feam or moving bubbles	
	Size or Shape Texture Liquid	Uniform pieces Tomatoes well-ripered Preciof muchiness Clear, bright, slight End	Inspilar shapes Overripe Meshy, rough edges Two shouly	
		Morely free of sediment No foreign matter No bubbles Tometo bioc - no separation	Overrige truit Foreign matter (sterm, cover, skim, leaver, spraufing seeds, etc.) Bubbles present Tometo jaice separated	
	Color Recipe Source and	Natural for komatoes, uniform free of dark spots, mald, discoloration Reliable recipe source	Dark, Overprocessed Too Ittle liquid causes tanatoes ta discolar Unveliable recipe source	
	Darie State Dair Bullet sinder	Most be an veripe Data recipe published listed ed: See # 1, 2, 3, 4, 5, 6, 7, 8, 9	Net on recipe Data not lated	

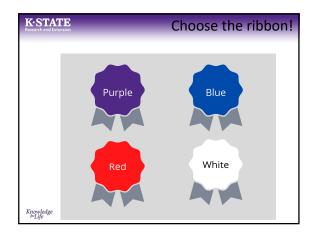






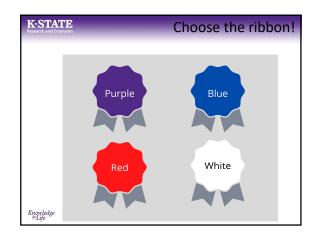
				FOCO PRESERVATION EVALUAT	10N – Audging Canned Fraits	
			Name		Product/Gase	
			CountysTibble		Abbore Purple Blue Red	
Cherry Pie Filling	j .		Paints to Consider	E UNERBROCCESSEN, UNIXALEN, VISIOLY SI		
	Quantities of Ingredients Needed For			Deskrable Process of Water Beth Within last 12 months Presenting adjusted for altitude	Undeskrable Nor processed conscript More than 12 months Nor proceeding adjustment	Connerts
	1 Quart	7 Quarts	Attude Adjuitment Intraktion	Attude tuted Standard Orar (ar	Altrade not tubed "Commencial" pr	
Fresh or thawed sour cherries	3-1/3 cups	6 quarts		Standard 2-piece McVing Ring roll on Chem/Breat Label on Jan	"Commercial" M Ring removed, numy Darly/Materialing decor No (stel)	
Granulated sugar	1 cup	7 cups	Heatspare	Arata - Kinds Joins and purses - Ninob Performs - 1 inds	Too much or too little	
Clear Jel®	1/4 cup + 1 tbsp	1-3/4 cups	Fed. U. Hist pack is better for the pack are known of Per inner State Rec. Base of Dage U.S.	Upped cares their Good proportion their to liquid	Not snough liquid Too tight or too local finit Nating - Unid raw glob, too heavy group, local paid, evening finit	
Cold water	1-1/3 cups	9-1/3 cups		He fasting hult		
Bottled Lemon Juice	1 tbsp + 1 tsp	1/2 cup		Re fram er ledelen Uniferer places, clear adges	Foam or moving bubble: Imagelar skapes, fangh etges	
Cinnamon (optional)	1/8 tsp	1 tsp	Terriere	Anite well reported New of moderness Pursed Work Source Yearly Chan. Seriets	Overlage Music, ringh edges Ausoid Valtzas thick	
Almond extract	1/4 tsp	2 tsp	Line and Lin	free of section of conditions: No foreign methor	Clearly Overlap Nult Ponige matter (shame, Interes, pile, seeds, etc.) Roddine	
Red food coloring (optional)	6 drops	1/4 tsp	Color	Natural for fruit Pres of Invites, specie, model, desceloration	Artificial color addiad; underrige thuit Dark aposi Too intra laposi, Yuuk decorori Owapropasied	
			Recipe Dource and Coto	Reliable recipe source Must be servicipe Oute nation sublished level	Overprocessed Onvertable recipe source Not on recipe	

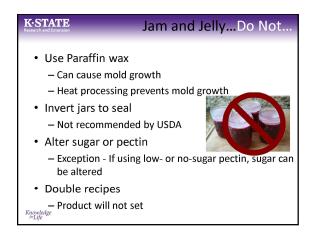




K-STATE Research and Extension		Ju	dging	; Fruit	
Peaches-Halved or Sliced	Name	FOCO PRESERVATION EVALUAT	DON - Audging Canned Fraits		
Choose ripe, mature, yellow-flesh	Country/District	CONTRACTORS OF STATE	Nober: Purple Blue Red White Disputitied		
peaches of ideal quality for eating fresh or cooking.	Paints to Consider Food Safety Processing Method Processing Safet Attracts Attractorer	Desirable Process of Warar Bath Within Ioz 12 months Presenting adjusted for altitude Attracts named	Undesizable Not proceed conscient More than 12 months No processing adjustment Adjuste and table	Connects	
Dip fruit in boiling water for 30 to 60 seconds until skins loosen. Dip quickly in	244/240	Standard Over Jar Standard 3- pixon McVing Rag skill an Cheny Read Updel to jar	"Commercial" (ar "Commercial" (al Ang removed, nuny Dercyllariseding decer No label		
cold water and slip off skins. Cut in half,	Headspace	Araity - Rinds Joins and purses - N inst Performs - 1 inds	Too much or too intre		
remove pits and slice if desired. To prevent darkening, keep peeled fruit	Fack Har pack is best but year pask can be used For some builts	Upped covers their Good properties their to liquid No feating trub	Not anough liquid Too tight or too linou fruit fouting - Used raw pack, too heavy spray, linne pack, eventige that foom or main foom or main		
in ascorbic acid solution. Prepare and	live or Shape	Uniform places, clear adges	imputershapes, fough		
boil a very light, light, or	lectors	Andrew und reported New of modeliness Protect from State	Oseripe Multi, ringh edges Puter Nult the thirk		
medium syrup or pack peaches in water, apple juice, or white grape juice. Raw	Liquid	Chan, bright from at paciment, cloudiness Net funges matter The buildings	Clearly Overtipe Null Ponager matter (steine, Interes, prin, seeds, etc.) Suddress		
packs make poor quality peaches.	Color	Natural for finit Pres of Invites, specie, model, disasteration	Artificial color additati, undearlige their Dearli apolis Soo Intra Inpuis, Yuak discolors Overprocessing		
Hot pack or Raw pack	Recipe Source and Coto	Reliable recipe source Must be on recipe Oute norige published land	Overlable resign source Not on recipe Data not listed		
	Kansee State Universit	to be #1123455787 By Agricultural Experiment Station and it is from the second prime of the second beam of t		Lies of Next Leasting H.	
Knowledge Processed 20 + 5 m Multipe Source: Preserving					



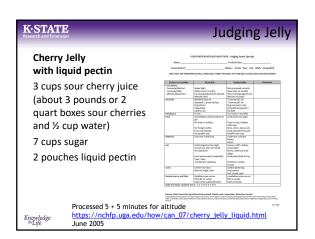




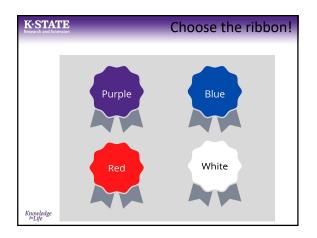






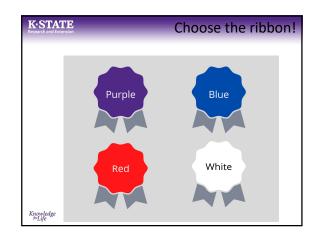






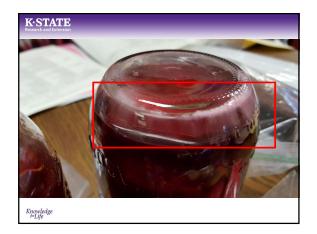
K-STATE Research and Extension	-	Ju	ıdgin	g Jam
Spiced Plum Jam	Name	FOOD PRESERVATION EVALUATIO	3N - kaliging Sovert Spread	
3 1/2 cups finely chopped	County/Oddifict	PROCESSED, DAMAGED, VEHICLY IP	Ribber: Parple Blac Red DEED, OR CONTAIN ALCOHOL	
fresh red plums (about 2 pounds plums)	Robits to Consider Food Safety: Processing Mathod Processing Date Althode Adjustment TechSide	Desinable Utator Eath Wittin last 12 months Processing adjoined for altitude Attocks lated Standard clear ar	Undesirable Nat processed correctly More than 22 models for processing adjustment Altitude not land "Commercial" in	Concerneds
1-2 Tablespoons water if	Madgace Peak	Standard Cear (ar Standard 2- pietx liditing Ring still on Clean/Next Lidet on pr N truth Doub belower of fixed stress to	"Commercial" lid "Commercial" lid King insueed, ruizy Dirty/distracting decor No lated Teo wuch or too little Feature street, two bear	
needed to prevent sticking 2 teaspoons cinnamon	The second secon	No foreign matter Poil No foreign matter Poul nut floating Ho paraffin was Fully non-fresh food	From on tag: bubbles within gal Sales, stores, leaves, etc. Front organizes from gal Paraffic van cool Undertice, overside	
1/4 teaspoon ground cloves	Gel	Helds shape but has slight movement, does not break No separation	Moley Great Surray, 131, rubbery, overcooked Rumy, watery around efers	
1/4 teaspoon ground allspic	e	Pool processory suspended Clear, clean Transportert, speeking	Food powers float to top Sederent, crystals Cloudy	
3 Tablespoons powdered	Color Ension Source and Color	Unders for face Natural, bright, clear Relater recensure	Surface darkening Oversicked Dull, clearly, pale Developing receiption	
pectin	Resigns from we and Galar State Pair Roles violated	Must be on recipe Date recipe published listed	Eventuate recipe cause Not on recipe Date not listed	
4 cups sugar		grissiltunal Experiment Matian and C mathematics and ender of matter Anal web. Costs Dense Texas, Lenser Ser		University (she fit from)
Processed	10 + 5 minutes	for altitude		54-303
Knowledge Sure Jell p ^{forLife} 2019	ectin insert			









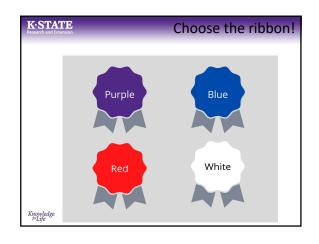






earch and Extension		Jud	ging F	Pick
Summer Squash Relish	POOD	PRESERVATION EVALUATION	i – Judging Canned Pickled Pr	odacts
4 pounds fresh, firm yellow	County/District	PROCESSED, UNSEALED, VISIOLY	_ Ribbos: Purple Blue Re- SPORED, OR CONTAIN ALCORD	
and/or zucchini summer	Points to Consider	Desixable	Waleskable	Converts
squash (as purchased)	Food Safety: Processing Method Processing Date Altitude Adjustment	Water Balk Within Iasi 12 membra Processing adjusted for altitude Altitude Ioled	Not processed correctly More than 12 months No processing adjustment for abituale Abituale not listed	
½ cup diced sweet onion	Jars/Lish Jar size varies by product	Standard clear jar Standard 2-piece lighting King still on Clean/Neet Label on jar	"Commercial" (or "Commercial" (id Ring removed, natty Dirhyldotracting decor No laked	
(about 2.4 ounces prepared)	Healquie Peà	Scieds Message and of concerners	Tao wash or too little Messon ends prevent	
2 cups cider vinegar (5%)	Pain No fancy packel	removed No four or bubbles No foreign maller Genel propertion of solids to liquid Food does not foot.	Foars, bubbles present Biores, leaves, leage seeds Tao little liquid Food foats	
	Size and Shape	Uniform	imegular, mitshapen	
2¼ cups white sugar	Texture	Firm, orbp Smooth, clean edges Reliates - small but recognizable	Soft, mushy, shriveled Recipt relates Reliables - too large or too small	
2 teaspoons celery seed	Maturity Uspid	Small seeds Clear brine, no sediment	Large seeds Cloudy, sediment	
, ,	Colur	Coversified Bright, network for food	Tao Itile Israe Too fark, muddy, faded colar, used artificial color Unexes curing	
2 teaspoons turmeric		Note: Artificial color maybe r pickled products. Otherwise,	and for a few specialty	
4 teaspoons mustard seed	Recipe Seurce and Date	Reliable recipe source Must be on recipe Clate recipe published listed	Unveilable recipe source Not on recipe Date nut listed	
Processed 15 + 5 minutes for	8 Optim Research and Sciences 1 and 2004, as an ended, Roman Sale Drive Dream.	ee E 1 2 3 4 5 6 7 8 8 ricultural Experiment Maties an east assets to preve of explore to rest, found therein founds become		
https://nchfp.uga.edu/hov		ummer_sc	uash_reli	sh.html
April 2015				

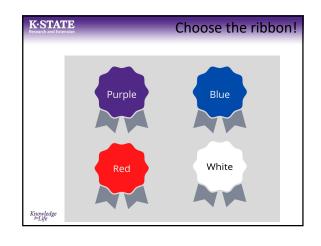




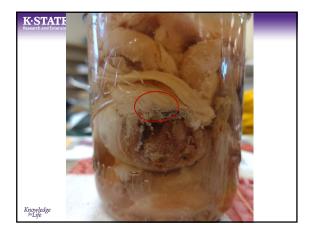


K-STATE Research and Extension	-	Jud	ging	Vege	tables
Carrots - Sliced	or Diced	Nate	ID PRESERVATION EVALUAT	ICN – Judging Canned Yegstal	
Select small carr	ots,	Louit, Chididat	NOCESSED, UNSERVED, VISIED	Ribbon Paryle Blas Red	
preferably 1 to 1		Points to Consider Food Safety: Processing Method Processing Data Altitude Adjustment	Desirable MUST be Pressure served Reflect 12 mostlig Processing adjusted for altitude	Underinable Not pressure samed More than 12 months No processing adjustment for although	Comments
inches in diamet carrots are ofter	0	Jars/Gills	Rittade lated Rittade lated Standard clear Jar Standard 2-piece lid/Ving Ring still on Clean/Next Label on Jar	Altrude net listed Altrude net listed "Commercial" lid Ring normovell, nutry Dirty, futuranting decor No libel	
fibrous.	100	Healspore Park No lawy park wites specified for that vegetable (in: Asparague)	1 inch Norfsam or bubbles East propertion of feed to logid Norfsamponation Norfsamponation Norfsamponation	Too much ar too little Poars, bubbles Road kin tight ar koa koane Stens, peek, kaves, etc. Food foats	
Hot pack or Raw	pack	tile er thepe Texture	Note: have pack can cause for Booting Uniform pances Uniform, natural Directly, clean edges Troung, bender, small seeds	od to float. Het peck reduces Uneven pleces Multy, overcooled, too realizer Raugh, ragged Sparths, string, large seets.	
1 teaspoon of sa	lt per	tiquid	Clear, clean, so and marit	countipe or underripe Cloudy, dardly, underried present. You little local	
quart to the jar,	if desired.	Callor	Natural for faod No blemistes No insert damage	Dull, dark, artifical colar Cut elges discribed Care caranelized (insure) Olemishes, decay insert darage	
Add hot cooking	liquid or	Resign Source and Date	Reliable sector source Must be on recipe Enterencipe published lated ## 12 14 5 6 7 8 0	Unveilable recipe Not on recipe Date not listed	
water, leaving 1-	inch			d Caoperative Extension Service autoreterreterreterreterreterreter laterreterreterreterreterreterreterreter	lautura Gasparating Jatrick Paras,
headspace. Knowledge	Processed at 15# https://nchfp.u USDA, 2015				









K-STATE Judging Meat Strips, Cubes or Chunks of Meat Purple Blue Red White E Choose high quality chilled meat. Remove excess fat. Soak strong-flavored Not pressure canned Mare than 32 months No processing adjustment for efficient Attracts and home Attracts and home wild meats for 1 hour in brine water containing 1 tablespoon of salt per quart. Ring remain Date/dotte No label Too little containing 1 tablespoon of sait per quart. Rinse. Remove large bones. The hot pack is preferred for best liquid cover and quality during storage. The natural amount of fat and juices in today's leaner meat cuts are usually not enough to Air bubblec Gristle, bon Ingrients. lour sediment will full due to shrinka cover most of the meat in raw packs. Hot pack or Raw pack Add 1 teaspoon of salt per quart to the jar, if desired. Kaman State I Countempt a URL a preside Processed at 15# pressure, weighted gauge canner https://nchfp.uga.edu/how/can_05/strips_cubes_chunks.html

Knowledge ^{for}Life

K-STATE

K-STATE Choose the ribbon! Blue Purple

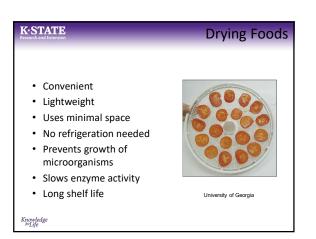
Red

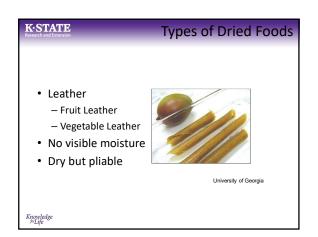
White

Knowledge ^{for}Life

Knowledge ^{for}Life

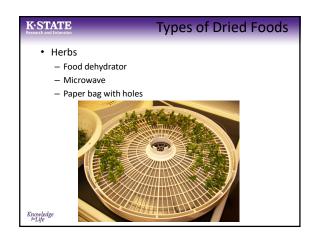
USDA, 2009

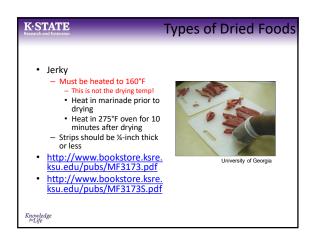












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