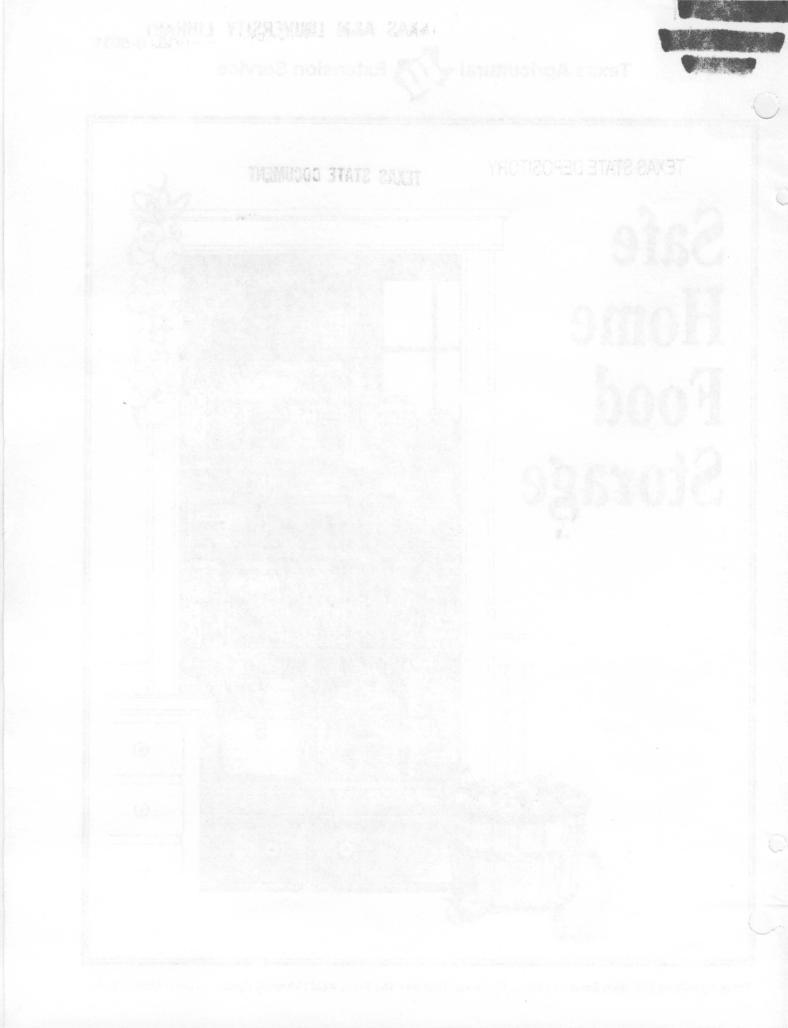
TDOC Z TA245.7 B873 NO.5031 Agricultural

TEXAS STATE DEPOSITORY TEXAS STATE DOCUMENT Safe Home Food Storage (0) (0) (0)

ANAS ARM LINIVERSITY LIBRANI B-5031

Extension Service

Texas Agricultural Extension Service • Zerle L. Carpenter, Director • The Texas A&M University System College Station, Texas



Safe Home Food Storage

Peggy Gentry-Van Laanen Associate professor and Extension nutrition specialist The Texas A&M University System

How important is proper food storage? It can help you:

- preserve food quality, including nutrients, flavor and texture;
- make the most of your food dollar by preventing spoilage; and
- prevent foodborne illness caused by harmful bacteria.

Proper food storage includes knowing how to store foods and how long they will be safe and of high quality.

The quality of fresh meat or produce when purchased has a lot to do with how long it can be stored. The storage times in this publication assume that foods are fresh and desirable when acquired. It is important to remember that stored foods will never be fresher than those just purchased.

When shopping, choose perishable items last and go straight home to store them properly in the refrigerator or freezer.

A good policy to follow is "First In, First Out," meaning that items are rotated so that older items are used first.

Also, buy foods in reasonable quantities so that they can be used while still of good quality. Excess food is waste. There are some general guidelines for food storage.

Pantry Storage

Items in pantry storage should be kept dry, cool and dark. Ideally, the temperature in the pantry should be 50 to 70 degrees F. Higher temperatures speed up deterioration. Always store foods in the coolest cabinets away from the range, oven, hot water heater, dishwasher or any hot pipes. For example, storing potatoes or onions under the sink is not a good practice, although it is commonly done.

Many staples and pantry items have a long shelf life and may be advertised at special prices, but buy only what you expect to use within recommended storage times.

In pantry storage, use metal, glass and plastic containers with tight fitting lids to prevent food deterioration.

Keep cans clean and free of dust, which can drop into cans when opened.

Storage areas should be cleaned periodically to remove food particles, and treated for pests.

Refrigeration Storage

The refrigerator should maintain a temperature of 40 degrees F or below. An appliance thermometer placed at various points in the refrigerator can help measure temperatures. The bottom of the cabinet, the door and the hydrator storage areas are usually several degrees warmer than the rest of the refrigerator. Always store the most perishable items – meats, poultry, fish, eggs, dairy products – in the coldest sections of the refrigerator.

Avoid overloading the refrigerator, which can reduce the inside temperature. Air must be able to circulate freely to adequately cool foods.

Clean the refrigerator to remove spills and spoiled foods. These provide a medium in which bacteria can grow and possibly contaminate other foods. Refrigerator temperatures only slow, they do not prevent, bacterial growth.

To maintain the quality of refrigerated foods, store them in airtight wraps or containers. This prevents the drying out of foods and the undesirable transfer of odors or flavors from one food to another. Avoid using plastic bags or containers not made for storage. Plastic bags originally containing raw meats, poultry or fish should not be reused.

Store raw meats, poultry and fish so that juices do not drip onto other fresh foods or leftovers and thus contaminate them with bacteria. Wrap them securely. It's also a good idea to place them on a plate or other container.

Freezer Storage

The freezer should maintain a temperature of 0 degrees F or below. Use an appliance thermometer to monitor this. A good rule of thumb is that if the freezer can't keep ice cream brick-solid, the temperature is not low enough.

Remember that freezer temperatures stop or prevent bacterial growth but do not necessarily kill bacteria. Thus, foods can still present a food safety problem when thawed. Also, quality deteriorates in foods stored at temperatures above 0 degrees F.

Package items for the freezer in moisture- and vapor-proof wraps or containers. Use only freezer grade foil, plastic wrap or bags or use freezer paper or freezer containers. If necessary, use freezer tape to ensure airtightness. If holes or tears occur in the food packaging, freezer burn may result. Label all freezer foods with the date, type of food and weight or number of servings.

Partially thawed food can be refrozen as long as it still has ice crystals. Refreezing, however, may lower the quality. Combination dishes such as stews, soups and casseroles should not be refrozen.

Check Labels for Dates

Many foods will have a freshness date. These dates can help you purchase and store foods wisely. The "sell by" or "pull by" date displayed on dairy products, bakery products and some processed meat products indicates the last date the food should be sold if stored and handled properly. Foods normally should be safe for the recommended storage time past this date.

The "use before" or "best-if-used-by" date indicates the date after which products may no longer be high quality, but may still be safe for a short period. An "expiration" date on yeast and unbaked breads and doughs indicates that items will no longer be acceptable after that date.

What about Leftovers?

The charts in this publication give storage times for many leftover food items. Careful use of leftovers can help make the food dollar go further and provide convenience for busy people. Also many people prepare large quantities of food ahead of time for later use. Handling these foods properly is important in preventing foodborne illness.

When handling cooked foods:

- Wash your hands before handling foods and use clean utensils and surfaces.
- Refrigerate or freeze foods in covered, shallow (less than 2 inches deep) containers within 2 hours after cooking. Leave air space around containers or packages to allow circulation of cold air and help ensure rapid, even cooling.
- Date foods so they can be used within a safe time. Avoid tasting old leftovers. Plan to use any cooked foods within safe refrigerator or freezer storage times.
- Before serving, cover and reheat leftovers to 165 degrees F. Soups, sauces, gravies and other "wet" foods should be reheated to a rolling boil.

If in doubt, throw it out. Discard outdated, obviously spoiled or possibly unsafe leftovers in the garbage disposal or in tightly wrapped packages that cannot be consumed by people or animals.

A New Generation of Foods - Convenient, Prepared and Packaged Foods

New food packaging techniques are making it possible for processors to offer prepared foods that have extended refrigeration times. These increased storage times are made possible by vacuum packaging or modified atmosphere packaging, which replaces oxygen in the package with gases such as carbon dioxide or nitrogen. These packaging techinques slow spoilage, discoloration and bacterial growth.

This new packaging is being used for many products, including fully cooked roast chicken, tuna spread and ravioli. It offers many advantages to consumers, but emphasis must be placed on proper handling to avoid food safety problems.

This is because:

- Foods may be processed 4 to 6 weeks before the "sell by" or "use by" date. These dates assume that the product is refrigerated properly throughout its shelf life.
- Some bacteria that cause foodborne illness, such as *Listeria* and *Yersinia*, can grow slowly under refrigeration.
- Many of these foods do not require additional cooking or thorough heating before consumption. Therefore, any bacteria present would not be destroyed.

Food safety precautions when using refrigerated, prepared foods include the following:

- Make sure that the food is cold before you purchase it.
- Check the "sell by" or "use by" date on the package.
- Read the label and follow storage and cooking or heating instructions carefully.
- Use these foods within the recommended length of time.
- When freezing these products, do so as soon as possible after purchase.

5/117/E22/B-5031/1992

Zer

Food Storage Timetable				
FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Breads/Cereals/Grains: Ir may increase shelf life for some		. For maximum stora	age time once opene	d, store in airtight containers. Refrigeration
Bread, rolls (commercial)	200 6 milita - 26 milita 1 200	3-5 days	2-3 months	Homemade breads may have shorte shelf life due to lack of preservatives
Biscuit, muffin mixes	ngleis R.	9 months	14	insen, Rotenni (hshokou)
Cereals Ready-to-eat (unopened) (opened) Ready-to-cook oatmeal, etc.		6-12 months 2-3 months 12 months		
Cornmeal	n negati n Negati n Negati na negati na negati	6-12 months		Keep tightly closed. Refrigeration ma prolong shelf life.
Flour White Whole wheat	6-8 months	6-8 months		basilente basilente artist Gran da Alexandra da artista artista Alexandra da artista artista
Yeast (dry)	astrono s	Expiration date on package		Keep dry and cool.
Grits		12 months		
Pancake mixes		6-9 months		selfente positeri suella esta construcción esta andrefesta esta esta dese
Pasta	tagalat (A status	2 years		Anna and Falses II are called place.
Rice White Brown Mixes	e de estates fores	2 years 1 year 6 months	l'Scolo bereches Die secolor	
Refrigerated biscuit roll, pastry and cookie dough	Expiration date on label			 Comparison of the second s
Tortillas Corn Flour	2 weeks 2 weeks	1-2 weeks 1-2 weeks	n del ser fañ Tranae	Storage times may vary depending or ingredients. Best if refrigerated once opened. May be frozen.
Dairy Products: Store in col	dest part of refrigerator (4	0 degrees F), never	on door.	
Butter	1-2 weeks		6-9 months	Wrap or cover tightly. Hold only 2 day supply in keeper.
Buttermilk	10-14 days			Cover tightly. Flavor not affected i buttermilk separates.

FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Cheese				Keep all cheese tightly packaged in
Cottage	10-15 days			moisture-proof wrap. If outside o
Cream, Neufchatel	4 weeks			hard cheese gets moldy, trim off mold
Hard and wax coated				and 1/2 inch below mold. Do not ear
Cheddar, Edam, Gouda,				moldy cottage or ricotta cheese. Hard
Swiss, brick, etc.				cheese may be frozen but becomes
(unopened)	3-6 months		6 months	crumbly. Better if grated. Cottage
(opened)	2 months			cheese becomes mushy.
Parmesan, Romano				
(unopened)		10 months		Refrigerate after opening for pro
(opened)	2-4 months			longed storage. If cheese picks up
				moisture, mold may develop.
Ricotta	5 days			
Process cheese products	3-4 weeks		4 months	Refrigerate after opening. Close or wrap tightly.
Cream				Cover tightly. Don't return leftove
Half and half, light	- 10.1		2 1	cream to original container. This may
and heavy	7-10 days		2 months	spread bacteria to remaining cream
(ultra pasteurized,	01 00 1			Frozen cream may not whip. Use for
unopened)	21-30 days			cooking.
Sour Disc (second 1)	2 weeks			
Dips (commercial)	2 weeks			
Ice cream, ice milk, sherbet			1-2 months	
Milk		Barrelm-	is main a start	(inter-
Fresh pasteurized				Keep tightly covered. Don't return
and reconstituted nonfat				leftover milk to original container
dry milk	1 week		1 month	This may spread bacteria to remaining
	(or a few days after sell	1-		milk. Frozen milk may undergo som
	by date)			quality change.
Evaporated or				
condensed				
(unopened)		12 months		Invert can every 2 months.
(opened)	1 week			Cover tightly.
Nonfat dry,				in the standard because it is
not reconstituted				
(unopened)		12 months		Refrigeration may prolong quality.
(open)	gradife	6 months		e di Uro
Whipped topping				
In aerosol can	3 months			
From prepared mix	3 days			
Yogurt	7-10 days			Keep covered.
			2 months	

FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Eggs				
Fresh In shell Whites Yolks (unbroken and covered with water)	4-5 weeks 4 days 2 days	eta c	No 12 months 12 months	Store eggs in original carton in coldes part of refrigerator. Uncooked white can be frozen as they are. To freez uncooked yolks or whole eggs, add 1/8 teaspoon salt or $1 1/2$ teaspoon
Hardcooked	1 week			corn syrup per $1/4$ cup (4 yolks or 2 whole eggs). Thaw in refrigerator.
Deviled	2-3 days			
Leftover egg dishes	3-4 days			
Fish and Shellfish: Refrigerat safe storage times.	tor storage times are for	optimum tempera	ture of 32 to 38 deg	rees F. Higher temperatures may decrease
Fish Fatty fish mackerel, trout, salmon, etc.	1-2 days	andia (Ja Panan	2-3 months	For refrigerator, keep wrapped in original wrap. Store in coldest part o refrigerator (32 to 38 degrees F). Pack age for freezer in moisture- and vapor proof wrap.
Lean fish cod, flounder, etc.	1-2 days		6 months	Keep solidly frozen at 0 degrees F Thaw in refrigerator or under colo running water.
Breaded, frozen			3 months	Low I have a
Shellfish Clams shucked in shell Crab	1 day 2 days		3 months	Refrigerate live clams, scallops and oysters in container covered with clean, damp cloth – not airtight. Shell will gape naturally, but close wher tapped if alive. If not alive, discard.
in shell meat (cooked) Crawfish in shell tail meal (cooked)	2 days 3-5 days 3-5 days		10 months 6 months 6 months	Cook only live crawfish. Do not keep airtight. To prolong freezer storage remove fat to prevent rancidity.
Lobster in shell	2 days		901 ()	Cook lobster only if still alive.
tail meat (cooked) Oysters (shucked) Scallops	4-5 days 1 day		6 months 4 months 3 months	To freeze any uncooked shellfish pack in moisture- and vapor-proof container. Freeze shucked product ir its own "liquor" (liquid) to which
Shrimp (uncooked)	1-2 days		12 months	water has been added to cover meat. Remove heads and freeze shrimp tail in shell. Freeze in water in an airtigh container of appropriate size for one meal.

FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Cooked fish or shellfish	2-3 days		3 months	
Canned fish or shellfish (unopened)		12 months		
(opened)	1 day	12 months		
Surimi seafoods	2 weeks		9 months	Charles (Marcaldy Joseffer V
Fruits				
Fresh				Do not wash fruit before storing -
Apples Apricots, avocados, melons, nectarines,	1 month			moisture encourages spoilage – but wash before eating. Store in crisper of in moisture-resistant bags or wraps
peaches, pears	5 days			Wrap cut fruits to prevent vitamir
Bananas	<i></i> ,.	2-3 days (until ripened, then refrigerate)		loss.
Berries, cherries	3 days	Terrigerate)		
Citrus fruit	2 weeks			
Grapes, plums	5 days			
Pineapple	2 days			
Canned (all kinds and juices)				Keep tightly covered. Transfer canned fruit to glass or plastic container.
(unopened)		12 months		
(opened)	1 week			Dorte 4
Juices				Keep tightly covered once open to
Fresh	6 days			prevent vitamin loss. Transfer canned
Canned (after opening)	6 days			juice to glass or plastic container.
Frozen				
(concentrated)			12 months	
(reconstituted)	6 days	101		teres (cocked)
Frozen				Freeze in moisture- and vapor-proof
(Home frozen or purchased frozen)			12 months	container.
Dried		6 months		Keep cool in airtight container. If foods gain moisture, they may become
				unsafe and allow bacaterial growth Best if refrigerated after opening.

FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Meats: Beef, pork, lamb, ve	al and game			
*Fresh, uncooked		1. 2. without 1.		Store in coldest part of refrigerato
Chops	2-3 days		6-12 months	(36 to 40 degrees F). Freeze immedi
Ground	1-2 days		2-3 months	ately if not planning to use in a day o
Roast	2-4 days		6-12 months	two. Wrap in moisture- and vapor
Sausage	1-2 days		1-2 months	proof wrap for freezing. Label with
Steaks	2-3 days		6-9 months	date and freeze rapidly at 0 degrees F
Stew meat			2-3 months	Freezer storage times for veal may be
	r = ciu jo		1-2 months	0
Variety meats	1 day		1-2 months	less. Pork is best if used within 6 months after freezing. Actual storage time of meat depends on the freshness of meat when purchased.
				*Vacuum packed fresh meats have a recommended storage time of 2 week in the refrigerator.
Casseroles, meat pies,	i nai nina (ended an and her work and her her
TV dinners, stews			2-3 months	is an association of the second
Cooked meats				
(including leftovers)				
Cooked meat and				
meat dishes	3-4 days		2-3 months	
Gravy, broths	1-2 days		1-2 months	
Cured and smoked meats				Keep wrapped. Store in coldest part o
(including lunch meats)				refrigerator or in meat keeper. Freez
Bacon	5-7 days		1 month	ing cured or smoked meats is generally
Frankfurters				not recommended because salty meat
(unopened)	2 weeks**		1-2 months	will rapidly turn rancid and lunch
(opened)	1 week			meats and frankfurters will weep
Ham (fully cooked)				However, it is possible, so limited
Whole	1 week		1-2 months	freezer storage times are given. I
Slices	3-4 days		r 2 months	meats are vacuum packaged, check
Shees	5 1 44 95			manufacturer's date.
Canned (unopened)	6-9 months			Do not freeze canned hams.
Canned (shelf stable,				
unopened)		2 years		Refrigerate after opening.
Country style		1 year		Refrigerate once sliced. Maximum fre
(unsliced)				frigerator storage time is 2 to 3 months.
Lunch meats				montero
(unopened)	2 weeks**		1-2 months	
(opened)	3-5 days			

いいないのない

FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Sausage	- 1		12 .1	
smoked links dry and semi-dry (like salami)	7 days 2-3 weeks		1-2 months	Freezing alters sausage flavor. Leave frozen no more than 1 month.
(fike salami)				**Unopened lunch meats and frankfurters should not be kept more than 1 week after "sell by" date.
Game birds	2 days		6-12 months	entre de la construcción de la const La construcción de la construcción d
Venison	3-5 days		6-12 months	
Poultry				
Chicken or turkey Fresh				Store in coldest part of refrigerator. Do not let raw juices drip onto other
whole	2-3 days		12 months	foods. For freezing use moisture- and
pieces	2-3 days 2-3 days		6-9 months	vapor-proof wrap or container. Thaw
giblets	1-2 days		3-4 months	in refrigerator.
Cooked	1-2 days		5-1 montilis	in temperator.
leftover pieces covered with	3-4 days		4-6 months	
broth, gravy Canned	1-2 days		6 months	
(unopened)		12 months		
(opened)	1 day			
Casseroles, TV dinners			3 months	
Duck, goose			6 months	Cardana a superior entrato Cardinolare bunch martes)
Staples				
Baking powder, soda	ist file afterne i steart	18 months	Al amonte	Keep dry and covered.
Bouillon cubes, granules	nizentik. Secondor	1 year		Keep dry and covered.
Catsup, chili sauce,				Refrigerate after opening for longer
barbecue sauce				storage time. Will keep for several
(unopened)	bor edit	12 months		months.
Chocolate				
Premelted		12 months		Keep cool.
Semi-sweet		2 years		
Unsweetened	1.180.19	18 months		
Chocolate syrup				
(unopened)		2 years		
(opened)	6 months			
Cocoa mixes		8 months		web C.C. Champe of

FOOD	REFRIGERATOR	PANTRY FREEZER	SPECIAL HANDLING
Coffee			Coffee may remain fresher if refriger
Cans		· · · · · · · · · · · · · · · · · · ·	ated after opening. May also be frozen
(unopened)		2 years	
(opened)	4-6 weeks		
Instant			
(unopened)		1-2 years	
(opened)		2 weeks	
0.4			V
Coffee creamers,			Keep tightly closed to keep out mois
non-dairy		0 1	ture.
(unopened)		9 months	
(opened)		6 months	
Cornstarch	ee sit	18 months	Transa, the product of the second
Gelatin		18 months	Conception of the second of the
Honey		12 months	Cover tightly. If it crystallizes, warm
			jar in pan of hot water or heat on low
			in microwave.
Town falling		12 months	Cover tightly refrigerate often anon
Jams, jellies		12 months	Cover tightly; refrigerate after open- ing to prolong storage.
			ing to protong storage.
Margarine	4-6 months	ASLE AND ST	Use airtight container.
Marshmallows		2-3 months	
Creme		2-3 months	Refrigerate after opening.
M.	i ngalarie Calanti		D.G.
Mayonnaise		2.4	Refrigerate after opening.
(unopened)	2 1	3-4 months	
(opened)	3 months	Edition _ 1	(banago granara velto)
Molasses			Refrigerate to extend storage life.
(unopened)		12 months	
(opened)		6 months	
Mustand anary 111	alicione de la		Polizzanto for hert stars
Mustard, prepared yellow		2	Refrigerate for best storage.
(unopened)		2 years	
(opened)		6-8 months	
Oils			
(unopened)		18 months	Store in cool place away from heat
(opened)		6-8 months	source to prevent deterioration.
Pectin	a curata		Look for expiration date.
Liquid		18 months	Recap and refrigerate.
Dry		3 years	story and congenues
			the second second second second
Peanut butter (unopened)		6-9 months	Refrigeration prolongs storage time
(opened)		2-3 months	and helps prevent rancidity.
(openeu)	1.	2-5 III011018	and helps prevent fanciulty.

FOOD REFRIGERATOR	PANTRY FREEZER	SPECIAL HANDLING
Salad dressings		
Bottled (unopened)	10-12 months	
Bottled (opened) 3 months		
Made from mix 2 weeks		chora à la chamaine -
Shortening	1 year	Store away from heat source to prevent rancidity.
Spices and herbs		Store in airtight containers in dr
Whole spices	1 year	place away from heat or light. Replace
Ground spices	6 months	if aroma fades. May be refrigerated o
Herbs	6 months	frozen for longer storage.
Sugar		For best storage, keep in airtight cor
Brown	4 months	tainer.
Confectioner's	18 months	
Granulated	2 years	
Sweetener, artificial	2 years	
Syrup	12 months	Keep tightly closed. Refrigerate to extend life.
Tea		Keep in airtight containers.
Bags	18 months	
Instant	3 years	
Loose	2 years	Associations -
Vanilla		Keep tightly closed; volatile oils e
(unopened)	2 years	cape.
(opened)	12 months	
(other extracts, opened)	12 months	Annalis - Sanda
Vinegar		Keep tightly closed. Distilled vinega
(unopened)	2 years	lasts longer than cider vinegar. Vine
(opened	12 months	gar in glass containers has a longe
COMPANY OF DESIGN OF THE REPORT		storage time. If "mother" develop
		(refers to appearance of cloudy mass in opened vinegar, do not use.
Vegetables: In general, keep in crisper or moisture-proc	of wrapping.	in opened vinegal, do not use.
Fresh	line there is	ana
Artichokes 2-3 days		Refrigerate in plastic. Wrap base o stalks with damp cloth or paper towe
Asparagus 2-3 days		Refrigerate in plastic. Wrap base o stalks with damp cloth or paper towe
Beans		Do not wash green beans until jus
green or waxed 1-2 days		before use.
lima (unshelled) 3-5 days	8 months	

FOOD	REFRIGERATOR	PANTRY FREEZER	SPECIAL HANDLING
Beets	1-2 weeks		
Broccoli	5 days		
Brussel sprouts	5 days		
	1 week		
Cabbage			
Carrots	5 days		
Celery	1 week		Celery may keep longer if wrappe with moist towel.
Corn (in husks)	1-2 days		,
Cucumbers	1 week		
Eggplant	2-3 days		
Garlic		5-8 months	Keep in cool, dry, ventilated area.
Greens, spinach, leafy greens, etc.	3-4 days		Rinse and drain greens before refrierating. Do not allow to freeze.
Lattura inchang	5-7 days		
Lettuce, iceberg		1	
vacuum packed	2-3 weeks (if unopened)	D . 1 1 1.0
Mushrooms	1-2 days		Do not wash mushrooms before refr erating. Do not store in airtight co tainer.
Onions			Store at room temperature in co
dry		2-4 weeks	ventilated area. Keep dry.
green	5 days		Keep refrigerated in plastic bag.
Parsley	2-4 weeks		Store with stems in water and cover with plastic wrap.
Peas (unshelled)	3-5 days	1 week	men place map
Peppers	5-5 days	I WEEK	
chile	7.10 dama		Keen altile annual (classed)
chile	7-10 days		Keep chile peppers refrigerated paper bag.
			adris.
bell	3-4 days	6 months	Freeze for extended use.
Potatoes			
white, fresh		1 week	Keep fresh potatoes dry and aw
sweet, fresh		2-3 weeks	from sun. For longer storage keep
white, instant			50 to 60 degrees F. Warmer temper
(unopened)		6-12 months	tures encourage sprouting. Don't r
Radishes	1-2 weeks	0-12 months	frigerate fresh potatoes.
Rhubarb	2 weeks		ingerate tresh polatoes.
		1 1	
Rutabagas Squash	2 weeks	1 week	
summer varieties winter varieties	2-4 days	6 months	Summer varieties of squash inclu- zucchini and yellow crookneck. Wi ter or hardshelled squash inclu-
			pumpkin, acorn, spaghetti and butte nut squash.
Tomatoes, ripe	2-3 days		(conversi smoothers)
Turnips	2 weeks		Do not refrigerate until ripe.
anned	alhé a C		an and a second s
All kinds		1 year	

FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Dried All kinds		6 months-1 year		Keep cool and dry in airtight con- tainer. If possible, refrigerate. If mois- ture is present, foods may become unsafe because moisture allows bacte- rial growth.
Frozen Commercially frozen Home frozen			8 months 1 year	
Miscellaneous (snacks, condi	ments, mixes, prepared fo	ods, etc.)		
Baby food, canned (unopened) (opened)	2-3 days	1 year		Contract of the American States of the Americ
Cakes, purchased Angel food Chiffon sponge Cheese Chocolate Fruit cake Yellow pound Frosted Home frozen	Hore Hore Shore Shore Shore August	1-2 days	2 months 2 months 2-3 months 4 months 12 months 6 months 8-12 months 3 months	If cake contains butter cream, whipped cream, cream or custard frosting or filling, refrigerate.
Cake, cookie mixes	o sebe	1 year		
Canned goods (miscellaneous, unopened)	and the second	1 year		ende i 11. Letter
Cookies (commercial, unopened) (homemade)	925-3 ⁵	4 months 2-3 weeks		and the first strength of the st
Crackers		3 months	62	and the second states and the second
Metered caloric products		6 months	1-6	the second s
Nuts In shell (unopened) Nutmeats packaged (unope Party nuts (salted) (unsalted)	med)	4 months 6 months 2 weeks	3 months 6-8 months 9-12 months	
Pickles, olives (canned, unopened)		1-3 months		Refrigerate once opened for 2 to 3 months.
Pies and pastries Fruit baked unbaked		2-3 days	1-2 months 8 months	Those with whipped cream, custard or chiffon fillings should be refriger- ated.
Popcorn (unpopped)		2 years		

FOOD	REFRIGERATOR	PANTRY	FREEZER	SPECIAL HANDLING
Prepared, packaged shell	f and a firm and the second			
stable foods (unopened)		1 year		Ashews, Grantin
Pudding mixes	m.) Meet fact of Long	1 year	hgh ann Fridain.	e de la Marrie Linea Negazione de La Ale Caliera Statuare Electro
Sauces, condiments, etc. (commercial) Hot sauce,				
Worcesterhire, etc.		2 years		
Salsa		12-18 months		Fresh homemade salsa has a shorte
(unopened) (opened)	1-2 months	12-10 months		refrigerator storage time dependin upon ingredients (4 to 7 days). Home
				made canned products have a shelf life
				of up to 1 year, unopened, if ad- quately processed.
Liquor				
Hard liquors	Saint Land	Indefinitely		American Free Board
Cream liquers	(162) 5 2 2 (9 8-1) (162)	Second Contract		n of the operation dates
(unopened)		6-8 months		

15

BE

References

"Better-Safe-Than-Sorry Food Storage Charts," 1989. Coopertive Extension Service, The University of Georgia, Athens, Georgia.

"Home Food Storage," B-1345. 1981. Texas Agricultural Extension Service, The Texas A&M University System, College Station, Texas.

"Lessons on Meat," 1991. National Livestock and Meat Board, Chicago, Illinois.

"Preventing Foodborne Illness," 1990. Home and Garden Bulletin Number 247, U.S. Department of Agriculture, Food Safety and Inspection Service.

"Seafood Source," Spring 1990. National Fisheries Institute, Arlington, Virginia.

"Storing Food," 1990. Cooperative Extension Service, University of Illinois at Urbana – Champaign, Urbana, Illinois.

"The Food Keeper." Food Marketing Institute, Washington, D.C.

Information also provided by:

American Egg Board 1460 Renaissance Drive Park Ridge, Illinois 60068

H.J. Heinz Company P.O. Box 57 Pittsburg, Pennsylvania 15230

U.S. Food Safety and Inspection Service Meat and Poultry Hotline (1-800-535-4555) 1165 South Bldg. Washington, D.C. 20250 American Seafood Institute Seafood Hotline (1-800-EAT FISH) 406-A Main Street Wakefield, RI 02879

Institute of Shortening and Edible Oils 1750 New York Ave., N.W. Washington, D.C. 20006

United Fresh Fruit and Vegetable Association 727 N. Washington St. Alexandria, Virginia 22314

The author acknowledges the following persons for their review of this publication: Mary K. Bielamowicz, professor and Extension nutrition specialist; Kathy Gist, county Extension agent (home economics), El Paso County; Daniel S. Hale, associate professor and Extension meat specialist; Annette Reddell Hegen, associate professor and Extension seafood consumer education specialist; Alby Peters, county Extension agent (home economics), Potter County; Ronald L. Richter, professor, animal science.

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socioeconomic level, race, color, sex, religion, handicap or national origin.

Issued in furtherance of Cooperative Extension Work in Agriculture and Home Economics, Acts of Congress of May 8, 1914, as amended, and Jun 30, 1914, in cooperation with the United States Department of Agriculture. Zerle L. Carpenter, Director, Texas Agricultural Extension Service, The Texas A&M University System.