

Potato Is Hot The World Over

National Geographic News Service

WASHINGTON -- Mashed into a side dish or fried into fast food, the potato is easy to underestimate.

But potatoes are actually the world's bread and butter, according to the International Potato Center in Lima, Peru. Potatoes yield more nutritious food more quickly on less land and in harsher climates than any other major food crop.

This amazing vegetable is a South American native brought back to Europe from Peru by 16th-century conquistadors. Its own world conquest now complete, King Potato grows in more countries than any crop except corn.

Robert E. Rhoades of the International Potato Center writes in the May issue of National Geographic: "The average annual crop (291 million tons) could cover a four-lane superhighway circling the world six times."

More Protein Per acre

Produced in 130 of the world's 167 independent countries, one year's crop is worth \$106 billion at consumer prices, Rhoades reports.

Potatoes are fourth, after wheat, corn, and rice, in world production, but because of multiple harvests, yield the most protein and food energy per acre.

They are remarkably adaptable; potatoes grow from below sea level behind Dutch dikes to almost 14,000 feet up in the chilly Andes and Himalayas, from the Arctic Circle to the Strait of Magellan, and in the scorching deserts of Australia and Africa.

Brimming with vitamin C, many of the B vitamins, and iron, the potato is so nutritious that a man in Scandinavia lived healthily for 300 days on only spuds dressed with a bit of margarine. And eating a potato without rich toppings is no more fattening than eating a pear -- the potato is 99.9 percent fat free.

Without potatoes, meat production would slump and meat prices skyrocket; nearly half the world's crop is fed to livestock.

Potatoes are also distilled into vodka and aquavit, processed into starch, paste, and dye, and converted to fuel. Researchers have shown that one acre of potatoes in one year's time can yield 1,200 gallons of ethyl alcohol, or potato gasohol, for cars.

Rhoades notes that tomatoes, tobacco, and eggplants are related to the potato, but the sweet potato is not -- even though its Indian

name, batata, became the English word potato.

Thousands of Varieties

The familiar brown oval spud belongs to the species Solanum tuberosum, one of eight cultivated throughout the world. Most of the world's crop and all potatoes grown in the United States belong to this species.

In the Andes, however, farmers cultivate all eight species, embracing as many as 3,000 of the 5,000 or more potato varieties.

Rhoades describes the varieties: "The colors of the rainbow and more, many looked like miniature pineapples, some like coral snakes, and others like bright red cherries or purple gumdrops."

When Europe's potato crops fell victim to late blight in the mid-19th century, a million people died in Ireland, where potatoes were the chief food. Now scientists believe that genetic engineering of potatoes holds promise for a 21st-century solution to the world food crisis.

The International Potato Center's goal is to make the potato available and inexpensive to everyone by the year 2000. They are crossing wild and native varieties with modern high-yielding ones, attempting to manipulate the potato's built-in thermostat to stretch its natural adaptability to both cold highlands and steaming tropics.

The wild and native varieties contain genes resistant to many of the 265 diseases and pests known to plague the potato. The center breeds for this genetic material and distributes seed for worldwide testing, generally in developing countries.

Pomatoes and Topatoes

In West Germany, genetic engineers have fused two botanical cousins, the potato and tomato, to produce pomatoes and topatoes. These hybrids, they hope, will someday produce food above and below ground, and share their best qualities.

In Asia and South America scientists are pioneering the commercial growing of potatoes by "true seed," the tiny seeds produced in the potato plant's berry. By this method potatoes can be grown much like grains.

Only a 100-pound sack of seed is needed to sow 1,000 acres, much less than the 1,000 tons of potato tubers needed to seed the same amount of land conventionally.

The potato remains a rich man's



An Irish lad carries recently harvested potatoes home for his family's dinner. Valued worldwide for nutrition and versatility, spuds grow in more countries than any crop except corn. Although potatoes are native to South America, the Irish and East Europeans lead the world in per capita consumption.

food in many poor nations. A common expression in the Dominican Republic, "estar en las papas" (to be in the potatoes), means a person is successful enough to

Furnishings For Energy Savings

Energy-saving comfort is a major factor in home decorating today, as was explained, in part one of this story, by Wilma S. Hammett, extension interior design specialist at North Carolina State University. Wall and floor coverings can help achieve that comfort.

Fabric or vinyl wall-coverings can give a room a warmer feeling and help reduce air infiltration through corners and areas where walls and windows meet.

"Wallcoverings add more texture to a room," Mrs. Hammett explains. "Surfaces with more texture give a warmer feeling than those that are smooth."

She says that in order to save an artificial lighting, a light color wallcovering should be used. Dark coverings absorb light and thus force you to add extra artificial light.

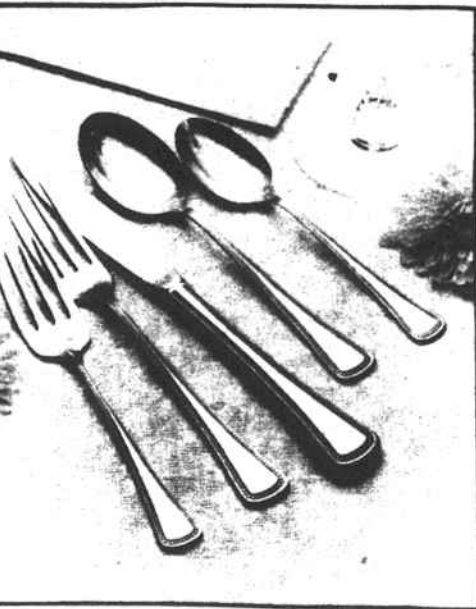
Light-colored paneling, too, can give a cozy atmosphere to a room while adding some insulative value.

Floor coverings also have an effect on energy use, Mrs. Hammett says. They can insulate against winter heat loss or, like vinyl, terrazzo, brick or slate, they can stay cool year-round.

Choose light to medium carpet colors to reflect more light, just as in wallcoverings. A pad under the carpet will both increase the life of the carpet and provide extra insulation. Urethane foam is best.

Don't forget area rugs to add warmth. They can be used even over wall-to-wall carpeting to define living areas or great rooms.

Again remember, as the specialist notes, that decorating decisions may not save you a great deal of money, but taken together they can provide a more comfortable living environment on the money you do have to spend.



DeBonair Shown above: Stainless flatware in the exclusive DeBonair and Old Baroque patterns. Old Baroque

COMPLETE YOUR PATTERNS NOW FREE! 5-piece place setting of handcrafted stainless

Produced by Oneida, Ltd., the lustrous-finish, stainless flatware in the DeBonair and Old Baroque patterns, are two of the finest made anywhere in the world. Handcrafted and extra heavy, yet delicately balanced. The proud, traditional styling will blend harmoniously with any china or crystal pattern. It will stand a lifetime of hard family use. And you never polish it. Just wash and it's ready for even the most formal occasion. Each place setting includes: 1 dinner fork, 1 salad fork, 1 teaspoon, 1 dinner knife and 1 soup spoon.

HERE'S HOW YOU GET YOURS: FREE when you -

- Open a NEW Regular Savings Account of \$50 or more.
- Add \$50 or more to your present Regular Savings Account.

Additional place settings and accessory pieces at special depositor prices are available with each \$50.00 deposited to your savings account.

*Limit, one free gift per family, please.

- *Price Listings**
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 - #2 4 Teaspoons 5.95
 - #3 4 Seafood Forks 5.95
 - #3A 4 Soup Spoons 5.95
 - #4 4 Iced Teaspoons 5.95
 - #5 3 Pc. Serving Set 5.95
 - #6 4 Pc. Completion 5.95
 - #7 3 Pc. Hostess Set 6.95

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LEGALS

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28376
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12-15C

IN THE GENERAL COURT OF JUSTICE SUPERIOR COURT DIVISION

STATE OF NORTH CAROLINA HOKE COUNTY

EXECUTOR'S NOTICE
Having qualified as Executor of the estate of Janie T. Monroe of Hoke County, North Carolina, this is to notify all persons having claims against the estate of said Janie T. Monroe to present them to the undersigned within 6 months from date of the publication of this notice or same will be pleaded in bar of their recovery. All persons indebted to said estate please make immediate payment.

This the 1st day of July, 1982.
Lacy H. Koonce, Jr.
Route 8 18 Trinity Dr.
Lumberton, N.C. 28358
12-15C

IN THE GENERAL COURT OF JUSTICE DISTRICT COURT DIVISION FILE NO. 82 CVD 171

STATE OF NORTH CAROLINA COUNTY OF HOKE

NOTICE OF SERVICE OF PROCESS BY PUBLICATION

TERESA WHITE HALEY, PLAINTIFF
VS.
SAMMY JOSEPH HALEY, DEFENDANT
TO: SAMMY JOSEPH HALEY
TAKE NOTICE THAT:
A pleading seeking relief against you has been filed in the above entitled action.

The nature of the relief being sought as follows:
"An absolute divorce on the grounds of one years separation" You are required to make defense to such pleading not later than the 24th day of August, 1982, and upon your failure to do so, the party seeking service against you will apply to the Court for the relief sought.

This, the 15th day of July, 1982.
HOSTETLER & McNEILL, ATTORNEYS
BY: CHARLES A. HOSTETLER
Attorney for the Plaintiff
Post Office Box 277
Raeford, North Carolina
28376
Telephone: (919) 875-2142
12-14C

IN THE GENERAL COURT OF JUSTICE SUPERIOR COURT DIVISION STATE OF NORTH CAROLINA HOKE COUNTY

EXECUTOR'S NOTICE

Having qualified as Executor of the estate of Jesse Triplett Robertson of Hoke County, North Carolina, this is to notify all persons having claims against the estate of said Jesse Triplett Robertson to present them to the undersigned within 6 months from the date of the publication of this notice or same will be pleaded in bar of their recovery. All persons indebted to said estate please make immediate payment.

This the 6th day of July, 1982.
Martin A. Robertson
Route 1, Box 81
Aberdeen, N.C. 28315
12-15C

IN THE GENERAL COURT OF JUSTICE DISTRICT COURT DIVISION FILE NUMBER: 82 CVD 197

NORTH CAROLINA HOKE COUNTY

COMPLAINT

COUNTY OF HOKE VS.

SANDY WASHINGTON AND WIFE FRANCES WASHINGTON; all heirs at law, if deceased, devisees, together with all their creditors and lienholders regardless of how or through whom they claim, and any and all persons claiming any interest in the estate of Sandy Washington and wife Frances Washington; WARREN PATE, guardian ad litem for Sandy Washington and wife Frances Washington, heirs at law, devisees, all lienors, creditors, and assignees of said heirs at law and devisees who may be minors, insane, or otherwise incompetent, the names and whereabouts of all such persons being unknown to the plaintiff; TEAM STUBBS AND WIFE IF ANY

LEGALS

TAKE NOTICE THAT:
A pleading seeking relief against you has been filed in the above-entitled action and notice of service of process by publication began on July 8, 1982.

The nature of the relief being sought is as follows:
PROPERTY TAX LIEN FORECLOSURE.

You are required to make defense to such pleading not later than forty (40) days after the date of the first publication of the notice stated above, exclusive of such date, and upon your failure to do so, the party seeking service of process by publication will apply to the court for the relief sought.

This the 6th day of July, 1982.
Hubert Wooten,
Attorney for Plaintiff
Hoke County Tax Office
Raeford, North Carolina 28376
11-13C

EXECUTRIX NOTICE STATE OF NORTH CAROLINA HOKE COUNTY

Having qualified as Executrix of the estate of Hershall Smith of Hoke County, North Carolina, this is to notify all persons having claims against the estate of said Hershall Smith to present them to the undersigned within 6 months from date of the publication of this notice or same will be pleaded in bar of their recovery. All persons indebted to said estate please make immediate payment.

This the 21st day of June, 1982.
Florence W. Smith
Route 4, Box 171
Raeford, N.C. 28376
11-4C

IN THE GENERAL COURT OF JUSTICE DISTRICT COURT DIVISION FILE NO. 82 CVD

STATE OF NORTH CAROLINA COUNTY OF HOKE

NOTICE OF SERVICE OF PROCESS BY PUBLICATION

PATRICIA LYNN TURNER, Plaintiff

vs.

EARL TURNER, Defendant

TO: EARL TURNER, the above-named defendant:
Take notice that a pleading seeking relief against you has been filed in the above-entitled action, wherein the plaintiff is seeking an absolute divorce based on the grounds of a one year separation.

You are required to make defense to such pleading not later than the 11th day of August, 1982, said date being forty days from the first publication of this notice, at the Office of the Clerk of Court of Hoke County, North Carolina, in the Courthouse in Raeford, and upon your failure to do so, the party seeking service and relief against you will apply to the Court for the relief sought.

This the 22nd day of June, 1982.
MOSES, DIEHL & PATE, P.A.
Warren L. Pate,
Attorney for the Plaintiff
Post Office Drawer 688
Raeford, North Carolina 28376
Telephone: (919) 875-3379
10-12C

NOTICE OF SALE 82 SP 46

NORTH CAROLINA HOKE COUNTY

UNDER and by virtue of the power of sale contained in a certain Deed of Trust executed by PILOT EQUITIES, INC., to BOBBY BURNS McNEILL, TRUSTEE, dated the 11th day of February, 1975, and recorded in Book 184, at Page 485 in the Office of the Register of Deeds of Hoke County, North Carolina, and default having been made in the payment of the indebtedness thereby secured and said Deed of Trust being by the terms thereof subject to foreclosure, the undersigned Trustee will offer for sale at public auction to the highest bidder for cash at the courthouse door in Raeford, North Carolina, at 12:00 o'clock Noon on the 27th day of July, 1982, property conveyed by said Deed of Trust, the same lying and being in the County of Hoke, State of North Carolina, Raeford Township, and more particularly described as follows:

BEING all of Lot No. Fifteen (15) of the Pineridge Subdivision as shown in Map Book 6, Page 52 of the Hoke County Public Registry, to which reference is hereby made for detailed description.

This sale will be made subject to all outstanding taxes, if any, and prior liens of record, if any.
CASH DEPOSIT: Ten percent (10%) on the first \$1,000.00 bid and five percent (5%) on any additional amount bid will be required at the date of the sale.
Done, this the 22 day of June, 1982.

BOBBY BURNS McNEILL,
TRUSTEE
HOSTETLER & McNEILL
ATTORNEYS AT LAW
RAEFORD, N.C.