

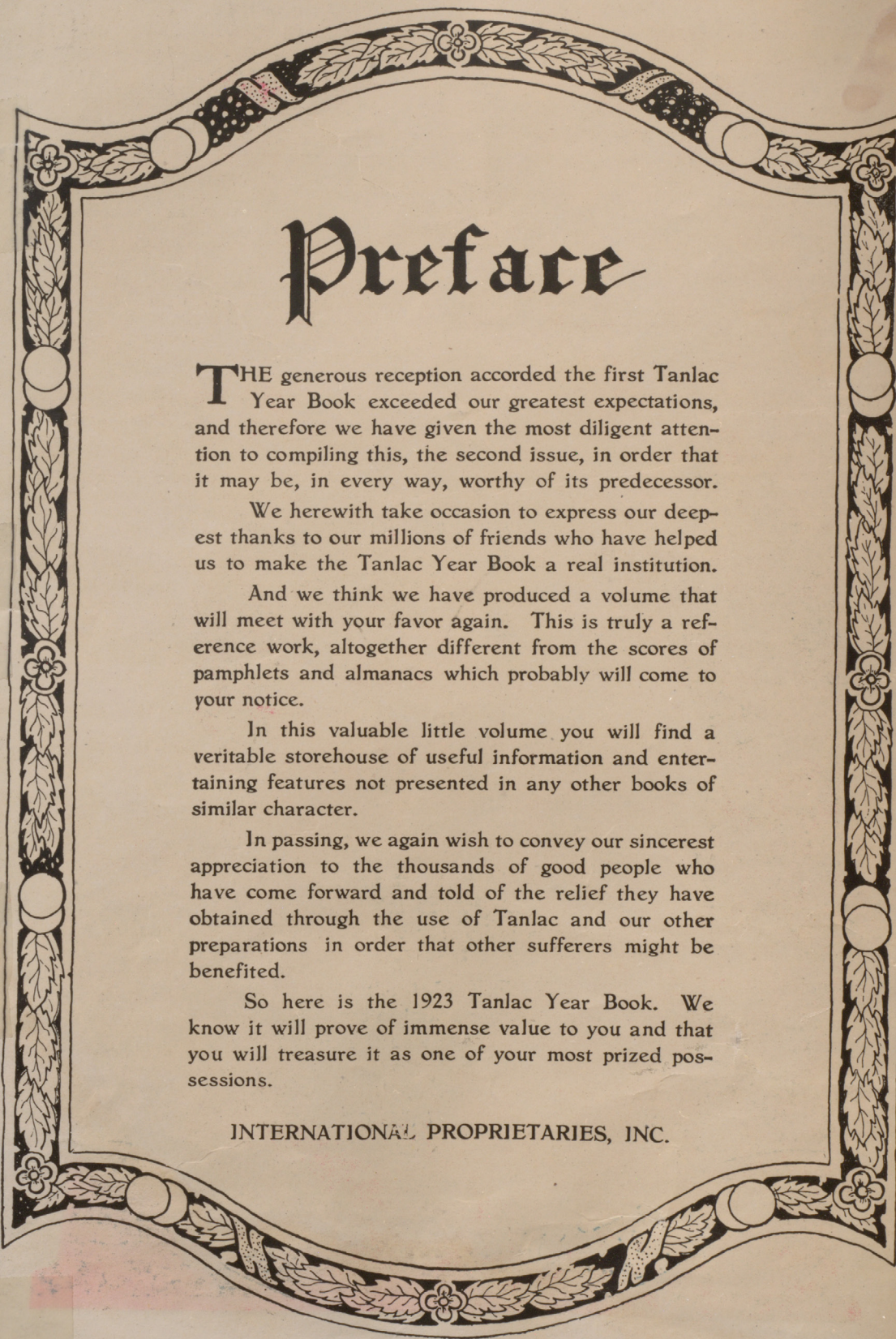
# TANLAC YEAR BOOK

1923



Venus de Milo  
Musée National de Louvre  
Paris

Beauty



# Preface

THE generous reception accorded the first Tanlac Year Book exceeded our greatest expectations, and therefore we have given the most diligent attention to compiling this, the second issue, in order that it may be, in every way, worthy of its predecessor.

We herewith take occasion to express our deepest thanks to our millions of friends who have helped us to make the Tanlac Year Book a real institution.

And we think we have produced a volume that will meet with your favor again. This is truly a reference work, altogether different from the scores of pamphlets and almanacs which probably will come to your notice.

In this valuable little volume you will find a veritable storehouse of useful information and entertaining features not presented in any other books of similar character.

In passing, we again wish to convey our sincerest appreciation to the thousands of good people who have come forward and told of the relief they have obtained through the use of Tanlac and our other preparations in order that other sufferers might be benefited.

So here is the 1923 Tanlac Year Book. We know it will prove of immense value to you and that you will treasure it as one of your most prized possessions.

INTERNATIONAL PROPRIETARIES, INC.

# Notable Events of American History

Every school boy and school girl should familiarize themselves with these events and dates. It will broaden their knowledge.

**A**MERICA was discovered by Christopher Columbus on the twelfth day of October, 1492.

St. Augustine, Fla., was settled in the year 1565.

Jamestown, Virginia, was settled May 13, 1607.

Hudson River first explored 1609.

Pilgrims landed at Plymouth, Mass., December 20, 1620.

Manhattan Island was settled by the Dutch in the year 1623.

Maryland settled in 1634.

Rhode Island was settled by Roger Williams in 1636.

New York conquered from the Dutch in 1664.

Pennsylvania was settled by William Penn in 1682.

First newspaper in America printed at Boston 1690.

Tea destroyed in Boston Harbor December 16, 1773.

First Continental Congress met in Philadelphia, Sept. 5-Oct. 26, 1774.

## Revolutionary Period

Battle of Lexington, April 19, 1775.

Mecklenburg, N. C., Declaration of Independence, May 20, 1775.

Washington selected leader of American Army, June 15, 1775.

Battle of Bunker Hill, June 17, 1775.

Battle of Fort Moultrie, Charleston, S. C., June 23, 1776.

Declaration of Independence, July 4, 1776.

Nathan Hale executed, Sept. 22, 1776.

Washington crossed the Delaware River, December 8, 1776.

Battle of Trenton, N. J., Dec. 25-26, 1776.

Stars and Stripes flag adopted by Congress, June 14, 1777.

Battle of Bennington, Vt., Aug. 16, 1777.

Burgoyne surrendered Oct. 17, 1777.

Major Andre hanged, Oct. 2, 1780.

Congress announced complete ratification of articles of Confederation, March 1, 1781.

Cornwallis surrendered at Yorktown, Oct. 19, 1781.

Great Seal of U. S. adopted by Congress, June 20, 1782.

Definite treaty of peace between U. S. and Great Britain, Sept. 3, 1783.

American Army demobilized, Oct. 18-Nov. 3, 1783.

British evacuated New York, Nov. 25, 1783.

Washington delivered farewell address at Faunce's Tavern, N. Y., Dec. 4, 1783.

Peace treaty with Great Britain ratified by Congress, Jan. 14, 1784.

Last Continental Congress met at New York, Nov. 5, 1787, and adjourned Oct. 21, 1788.

First Presidential election, Feb., 1789.

U. S. Constitution became effective March 4, 1789.

First U. S. Congress met in New York City, April 6, 1789.

Washington first inaugurated President, April 30, 1789.

U. S. Supreme Court was created, Sept., 1789.

Louisiana was purchased from the French, 1803.

Second U. S. war with Great Britain began 1812.

Perry's victory on Lake Erie, September 10, 1813.



British burned White House at Washington, August 24, 1814.

Battle of Lake Champlain, September 11, 1814.

Battle of New Orleans fought January 8, 1815.

Seminole Indian war in Florida began, 1835.

Texas was annexed to the United States, 1845.

War with Mexico was begun in the year 1846.

Battle of Chapultepec, September 13, 1847.

Peace treaty with Mexico signed, July 4, 1848.

South Carolina seceded, December 20, 1860.

## Civil War Period

Southern Confederacy formed, Feb. 4, 1861.

Ft. Sumter fired on, April 12, 1861.

Battle of Bull Run was fought, July 21, 1861.

Battle of Antietam, September 17, 1862.

Lincoln's Emancipation proclamation, Jan. 1, 1863.

Battle of Gettysburg, July 1-3, 1863.

Draft riots in New York City, July 13-16, 1863.

Battle of Chickamauga, Sept. 19-20, 1863.

Lee surrendered at Appomattox, April 9, 1865.

Pres. Lincoln assassinated, April 14, 1865.

Pres. Andrew Johnson impeached, tried and acquitted, 1868.

President Garfield was shot, July 2, 1881.

Brooklyn Bridge, New York, opened May 24, 1883.

Statue of Liberty in New York harbor unveiled Oct. 28, 1886.

U. S. battleship Maine blown up in harbor of Havana, Cuba, Feb. 15, 1898.

War between U. S. and Spain declared, April 21, 1898.

Dewey destroyed Spanish fleet in Manila Bay, May 1, 1898.

Battles of San Juan and El Caney, July 1-3, 1898.

Battle of Sandiego de Cuba, July 3, 1898.

Peace protocol between U. S. and Spain, Aug. 12, 1898.

Peace treaty signed by American and Spanish delegates at Paris, Dec. 10, 1898.

Philippine-American war begun, Feb. 4, 1899.

Aguinaldo captured by Gen. Funston, March 23, 1901.

President McKinley shot, September 6, 1901.

Panama canal opened, 1914.

## World War Period

U. S. declares state of war exists with Germany, April 6, 1917, and with Austria, Dec. 7, 1917.

First American troops landed in France, June 26, 1917.

First shot by American troops in France, Oct. 27, 1917.

First American casualties in France, Nov. 3, 1917.

U. S. troops took St. Mihiel, Sept. 12-16, 1918.

American troops captured St. Etienne, October 6, 1918.

U. S. troops captured Sedan, Nov. 7, 1918.

U. S. troops entered Mayence, December 6, 1918.

American troops crossed the Rhine, Dec. 13, 1918.

Eighteenth amendment to U. S. Constitution for nation-wide prohibition in effect, January 16, 1920.

Nineteenth amendment giving suffrage to women declared in effect, Aug. 26, 1920.

Pres. Harding signed joint resolution of Congress declaring peace with Germany and Austria, July 2, 1921; ratified by U. S. Senate, Oct. 18, same year.



## Farm Helps

### Regarding Farm Laws

WHERE there is no State statute defining what constitutes a sufficient fence, the rule is that a fence which will turn ordinary stock is sufficient. It is not necessary that it turn stock which are peculiarly vicious or prone to break fences.

### Division Fences

In the absence of a State statute requiring the fencing of one's property, the erection and maintenance of a division fence, as a general rule, are subjects of contract and agreement between adjoining owners, and all the rights and liabilities of the parties are to be determined by such contract or agreement.

### Trespassers

One who trespasses after being warned not to do so, either verbally or by printed sign is, in many States by statute, guilty of a criminal offense. One posting his land should be careful to comply as to size and character of posters prescribed by his State law; otherwise the poster will not be deemed sufficient warning.

### Game Law

Wild game does not belong to the owner of the land on which it is found. The rule is universal that, subject to paramount Federal authority it belongs to the people of the State in their united capacity, and its hunting and disposition may be regulated by the Legislature as it may see fit. The owner of the land has no right to hunt wild game on his land except as permitted by State or Federal law. He has a right absolutely to forbid anyone else hunting on his land at any season.

### Marketing

Certificates issued by authorized agents of the Department of Agriculture as to the quality and condition of grain, hay, vegetables, fruits, butter, poultry and other perishable farm products are prima facie evidence in all courts of the United States as to the truth of the statements therein contained.

Store grain, tobacco, or cotton in warehouses licensed by the Secretary of Agriculture and bonded pursuant to the U. S. warehouse act.

### Fire Losses

More than \$100,000,000 worth of farm property is lost in this country every year from fire and lightning. A large part of this loss is preventable. Safeguard property and prevent needless loss as well as danger to yourself and your family. (See Farmers' Bulletin Dept. of Agriculture.)

## CALENDAR FOR 1923.

### MORNING AND EVENING STARS.

Mercury (♿) will be Evening Star about January 13, May 5, September 2 and December 27; and Morning Star about February 22, June 22 and October 14  
Venus (♀) will be Morning Star till September 10, and Evening Star the rest of the year.  
Jupiter (♃) will be Morning Star till May 5; then Evening Star till November 22; and then Morning Star again the rest of the year.

### THE TWELVE SIGNS OF THE ZODIAC.

#### THE RAM. Aries, ♈ HEAD & FACE.



#### FISHES. Pisces: ♓ THE FEET.

### ECLIPSES.—Standard Time.

In the year 1923 there will be four Eclipses, two of the Sun and two of the Moon.

I.—A Partial Eclipse of the Moon, March 2—3. The beginning visible generally in North America, except the extreme northwestern part, South America, Europe, Africa and western Asia; the ending visible generally in North and South America, Europe, and Africa, except the eastern part.

II.—An Annular Eclipse of the Sun, March 17. Invisible to North America. Visible to the southern halves of South America and Africa.

III.—A Partial Eclipse of the Moon, August 26. The beginning visible generally in North America, except the extreme northeastern part, the western part of South America, Australia, except the extreme western part, and the extreme northeastern part of Asia; the ending visible generally in North America, except the eastern part, Australia and the eastern part of Asia.

IV.—A Total Eclipse of the Sun, September 10. Visible to North America, the northwestern part of South America and the extreme northeastern part of Asia. The path of totality extends across North America from San Diego, Cal., to Tampico, Mexico.

## How to be Your Own Weather Prophet

WEATHER is always an interesting subject, especially to the farmer, and there are certain signs which, with a good deal of accuracy, forecast what the weather will be during the next twenty-four hours. A few if these are given below:

If the early morning is cloudy but as it goes on the clouds begin to disperse, a fine day is in prospect.

If the morning is hazy and the sun is seen through a mist, but the sky appears blue, the day will most likely be warm.

A red sunset usually means fine weather for the next day.

A yellow sunset means a wet day to follow.

A red sunrise with lowering clouds in the morning indicates rain.

When the stars seem particularly bright at night and twinkle more plainly than usual, a wet day usually follows.

A ring around the moon indicates considerable moisture in the atmosphere, and if the ring grows smaller, approaching rain.

If the ring grows larger, however, it indicates fair weather.

Morning fogs are omens of settled weather and a morning fog usually breaks away before noon.

Cats often rub themselves a great deal behind the ears when bad weather is coming, and before a rain are restless and lie with their backs to the fire.



# Questions



For the Answers to all the Questions on this Page see Page 33

HERE are a number of questions on a variety of subjects, all of them of general interest. See how many you can answer without referring to the answers, which appear on Page 33 of this book.

1. In what part of an oyster is the pearl found?
2. Why were the cedars of Lebanon remarkable enough to find a place in literature?
3. Which has the larger area, the United States or Canada, without possessions?
4. Are people more apt to be overcome by heat on a dry day or on a damp day?
5. Which are the longest verses in the Old and the New Testaments?
6. When were roller skates invented?
7. Who was the first king of England?
8. What is the meaning of the term, "A cycle of Cathay"?
9. If a lobster loses a leg, will a new one grow in its place?
10. Which are the largest cities in the United States, according to area?
11. Is every state in the United States divided into counties?
12. When and by whom was glass invented?
13. When was tea first used in Europe?
14. When was the first fire engine patented?
15. When were surnames first used?
16. In what year was silk brought to Europe from India?
17. When were musical notes invented?
18. When were silk stockings first worn, and by whom?
19. When was the American battleship Maine blown up in the harbor of Havana, Cuba, and how many lives were lost, if any?
20. When was the Titanic sunk and how many persons perished?
21. What was the mystery of the ship Cyclops?
22. When was the Lusitania sunk and under what circumstances?
23. When was the Bible first printed?
24. In what year did Shakespeare die?
25. When did the Great Fire of London occur?
26. How many names are signed to the American Declaration of Independence?
27. When was the site of the White House at Washington chosen and by whom?
28. Who was the first occupant of the White House at Washington?
29. During the World War, who captured the city of Damascus?
30. When did Napoleon Bonaparte abdicate the French throne?
31. When did the British burn the White House at Washington?
32. When was Joan of Arc burned at the stake in France?
33. What was the name of the first steamship to cross the Atlantic and when was the trip made?
34. When was gold first discovered in California?
35. What was the date of financial "Black Friday" in New York?
36. When did the Great Fire in Chicago occur and how many buildings were burned?
37. In what year did the Charleston (S. C.) earthquake occur?
38. What was the date of the Johnstown (Pa.) flood?
39. When was the first passenger railroad built in the United States and what was its name?
40. When was rice first introduced in the United States and by whom?

## HYPOLAC TABLETS

For Headache, Neuralgia, Nervousness, Colds, Rheumatic Pains, Etc.

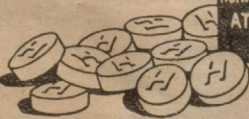
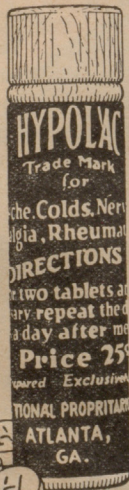
These tablets are also of special value in the treatment of rheumatic pains and aches and that tired, aching, disagreeable feeling accompanying colds and grippe.

### DIRECTIONS

For Headache—Take from one to two tablets every hour until six tablets have been taken. In most cases, two or three tablets will be all that are necessary.

For Colds, Grippe and Nervousness—Take one tablet every two hours until relieved.

To obtain best results, swallow the tablets by the aid of a glass of hot water, and remain as quiet as possible for some time afterward. Be sure the water is as hot as you can drink it. If hot water is not convenient, the tablet may be chewed up and swallowed with or without water.



# January

**T**HIS is the month to plan the work for the year and records for farm and household activities should be started now; take a systematic look ahead. Other things being equal, plans help to make the same amount of work more effective.

## Plans

Keeping farm accounts never worried Adam; but he was only a gardener. Keep records of all operations, such as production, expenditures, and labor costs. Only in this way can you tell when you are operating at loss or profit.

Plan to test seeds to be planted during the Spring.

Plan the coming year's garden work now. Order seeds now.

For the land's sake grow clover.

Use good seed; you can't always get good seed at the last minute.

Plan to feed the boll weevils some calcium arsenate next summer. Ask the Department of Agriculture at Washington about the right way.

## Farm Operations

Haul and spread manure and plow if weather and soil permit. (Mountain and Intermountain States). Plan your spray irrigation system if you wish to use it on this season's crop. Overhaul and begin repairing farm machinery. If you have timber to sell, estimate it now. Farm woods have paid off many mortgages.

Resolve to make use of the experience of other farmers, and consult frequently the county agent, who is familiar with what the best farmers in the county are doing.

## Fruit

This is the time to estimate spray material needs and place orders.

## Poultry

For breeders, select strong, active, alert fowls with no signs of sickness. Do not breed from sluggish, sickly looking, weak birds with knock-knees, pale, sunken eyes, and long, snaky, or crow heads.

Be sure the birds are sufficiently fed on a well-balanced, but not too fattening ration, and thus have the breeders in good condition and also secure the necessary eggs. Provide a dry mash in a hopper where the hens can help themselves.

## Live Stock

Feed the dairy cow today and she will pay you for it tomorrow. Best winter feeding gives a cow all the clover or alfalfa hay she will eat, plenty of roots or silage, and 1 pound of grain feed for every 3 or 4 pounds of milk she produces. Well-ventilated barns help to keep live stock healthy.



1923		January												1923							
Phas.	BOSTON	NEW YORK	WASHINGTON	LATITUDE OF NORTHERN STATES			LATITUDE OF MIDDLE STATES			LATITUDE OF SOUTHERN STATES											
F. M.	D. H. M.	H. M.	H. M.	SUN	MOON	SUN SLOW	SUN	MOON	SUN	MOON	SUN	MOON									
L. O.	2 9 33 A.	9 33 A.	9 33 A.	rises	sets	h m	rises	sets	rises	sets	rises	sets									
N. M.	9 7 54 A.	7 54 A.	7 54 A.	h m	h m	h m	h m	h m	h m	h m	h m	h m									
F. Q.	16 9 41 A.	9 41 A.	9 41 A.	h m	h m	h m	h m	h m	h m	h m	h m	h m									
	24 10 59 A.	10 59 A.	10 59 A.	h m	h m	h m	h m	h m	h m	h m	h m	h m									
<b>Historical Events</b>																					
1	M	Circumcision			7	30	4	37	5	45	3	24	4	43	5	41	7	35	4	5	24
2	T	Michigan rat. Prohibition, 1919			7	30	4	38	5	45	4	25	4	43	5	41	7	35	4	5	24
3	W	Earthquake in Mexico, 1920			7	30	4	39	5	42	4	25	4	44	5	46	7	35	5	6	4
4	T	Count Hertling died, 1919			7	30	4	40	5	46	4	25	4	45	5	49	7	35	5	7	5
5	F	Steamer Oklahoma sank, 1914			7	30	4	40	5	46	4	25	4	45	5	49	7	35	5	7	5
6	S	Epiphany. Roosevelt d., 1919			7	30	4	42	5	2	6	25	4	47	9	4	7	35	5	8	9
<b>1. 1st Sunday after Epiphany. Day's Length—9h. 13m.—9h. 23m.—10h. 5m.</b>																					
7	S	Irish ratify Peace, 1922			7	30	4	43	10	11	6	25	4	48	10	12	7	45	5	9	10
8	M	Riots in Ecuador, 1922			7	30	4	44	11	21	7	25	4	49	11	21	7	45	5	10	11
9	T	Mississippi rat. Prohibition, 1918			7	29	4	45	morn		7	24	4	50	morn		7	45	5	11	morn
10	W	Wilson's Peace Note reject., '17			7	29	4	46	0	30	7	24	4	51	0	29	7	45	5	11	0
11	T	Gen. Benj. F. Butler died, 1893			7	29	4	47	1	39	8	24	4	52	1	37	7	45	5	12	1
12	F	Steamer Afrique sunk, 1920			7	29	4	48	2	48	8	24	4	53	2	43	7	45	5	13	2
13	S	Dr. H. Fletcher died, 1919			7	28	4	49	3	52	9	24	4	54	3	48	7	45	5	14	3
<b>2. 2d Sunday after Epiphany. Day's Length—9h. 22m.—9h. 32m.—10h. 12m.</b>																					
14	S	Illinois ratifies Prohibition, 1919			7	28	4	50	4	54	9	23	4	55	4	50	7	35	5	15	4
15	M	Karl Liebknecht killed, 1919			7	27	4	51	5	51	9	23	4	56	5	47	7	35	5	16	5
16	T	Prohib. effective in U. S., 1920			7	27	4	52	sets	10	7	22	4	57	sets	7	35	5	17	sets	
17	W	Capt. Scott disc. S. Pole, 1912			7	27	4	53	5	50	10	22	4	58	5	53	7	35	5	18	6
18	T	Peace Conference opened, 1919			7	26	4	55	6	51	10	21	5	0	6	54	7	25	5	19	7
19	F	Fire in Sioux City, Ia., 1919			7	25	4	56	7	51	11	21	5	0	7	53	7	25	5	20	8
20	S	Brit. Submarine K-5 sunk, 1921			7	25	4	57	8	49	11	20	5	2	8	50	7	25	5	20	8
<b>3. 3d Sunday after Epiphany. Day's Length—9h. 34m.—9h. 48m.—10h. 20m.</b>																					
21	S	Kendrick Bangs died, 1922			7	24	4	58	9	47	11	20	5	3	9	47	7	15	5	21	9
22	M	Pope Benedict XV. died, 1922			7	24	5	0	10	44	12	19	5	4	10	43	7	15	5	22	10
23	T	S. Carolina rat. Prohibit., 1918			7	23	5	1	11	40	12	19	5	6	11	39	7	15	5	23	11
24	W	S. Carolina def. Wom. Suff., 1920			7	22	5	2	morn	12	7	18	5	7	morn	7	05	5	24	morn	
25	T	Conversion of St. Paul			7	21	5	3	0	37	12	17	5	8	0	35	7	05	5	25	0
26	F	Henry M. Field died, 1907			7	21	5	5	1	35	13	17	5	9	1	32	6	59	5	26	1
27	S	Wyo. rat. Wom. Suffrage, 1920			7	20	5	6	2	33	13	16	5	10	2	30	6	59	5	27	2
<b>4. Septuagesima Sunday. Day's Length—9h. 48m.—9h. 56m.—10h. 30m.</b>																					
28	S	Shelby M. Cullom died, 1914			7	19	5	7	3	30	13	17	5	11	3	26	6	58	5	28	3
29	M	U S recog. Polish Gov't, 1919			7	18	5	8	4	26	13	17	5	12	4	22	6	58	5	29	4
30	T	Steamer Monroe sunk, 1914			7	17	5	10	5	20	13	17	5	14	5	16	6	57	5	30	4
31	W	James G. Blaine born, 1830			7	16	5	12	6	10	14	17	5	15	6	6	57	5	31	5	5

# Weather Forecast January, 1923

**C**OLD Period—1st to 3rd. Very low temperature at all points in the Northwest and upper Mississippi valley states. Freezing weather at the extreme southern portions of the country. 4th to 9th—Snow Period. Snow blockades general in the upper Lake region and Canadian provinces. Rain, sleet and snow in the lower Mississippi and Ohio river valleys. 10th to 13th—Fair Period. Cold and pleasant weather for January in the West and Northwest. Foggy and damp in the Gulf, South Atlantic and New England states. 14th to 17th—Cold Wave. Abrupt fall in temperature in the upper Lake region, the Canadian provinces and New England states. Squally conditions in the South Atlantic states. 18th to 22nd—Storm Period. Stormy conditions prevailing at all points. Heavy rainfall over region extending from the Gulf states to the lower Appalachian mountains. 23rd to 25th—Snow Period. Snowdrifts and blockades in the Rocky mountain region and in the Northwest. Excessive rainfall along the South Pacific coast. 26th to 31st—Unsettled Period. Cloudy and threatening weather in the Southern and Gulf states. Unsettled conditions in the Western and Central states.

# Poor Health Makes Countless Women Old Before Their Time

If You Have Lost Your Fresh Complexion and Virile, Compelling Personality, Tanlac Will Help You Regain Them.

ONLY the woman of perfect physical condition can pass the youthful age and still retain her freshness of complexion and attractiveness of face and figure unmarred by the tell-tale signs of advancing years. Yet it is simply a matter of health, and Tanlac, by restoring and revitalizing the system, has enabled thousands of women throughout the United States, Canada and Mexico to regain and keep the full charm and attractiveness of a magnetic personality for many years longer than their less healthful sisters.

With the advance of years the vital organs become more sluggish and impurities accumulate throughout the body. These poisonous substances clog the skin, marring its clearness and beauty, and make what was once firm, healthy flesh, flabby and toneless.

Numerous symptoms develop, among the most common of which are indigestion, sour stomach, torpid liver, headache, backache, coated tongue, bad taste in the mouth, foul breath, dizziness, constipation, sluggishness, a tired out feeling, rheumatism and nervousness.

Nature needs help to restore the system to a vigorous condition, and nothing is so beneficial for this purpose as Tanlac, nature's medicine.

This remarkable preparation begins its work by aiding the organs of digestion, assimilation, secretion and elimination to perform their work properly. This accomplished, the body begins to receive fresh supplies of wholesome nourishment, accumulated impurities are thrown off naturally and thoroughly, firm flesh is built up, the blood is purified, color returns to the cheeks, and the whole system is soon toned up and restored with energy and vitality.

Countless women everywhere have testified to the wonderful benefits received from Tanlac. Mrs. Mabel Francis, highly esteemed resident of 628 S. Linwood Ave., Baltimore, Md., pays a remarkable tribute to the merits of Tanlac.



MRS. ROSE M. BROWN

"I suffered a nervous breakdown and was in terrible condition," she states. "Tanlac built me up ten pounds and I don't feel like I ever had a sick day."

Mrs. Wm. P. Smith, of 139 East Ave., Los Angeles, Cal., says Tanlac restored her to splendid health when no one thought she could recover:

"I was extremely nervous and run down from stomach trouble," she says. "My heart would palpitate so badly at times I would almost faint. I suffered so much life was hardly worth living, but after I got Tanlac I quickly began to recover and now I feel splendid all the time. I have gained thirteen pounds and one would hardly know me."

Mrs. Rose M. Brown, 111 Third St., Manchester, Vt., in speaking of how greatly Tanlac benefited her, said:

"For two years before taking Tanlac I suffered from a bad form of stomach trouble, felt tired and worn out all the time and was terribly discouraged over my condition. Four bottles of Tanlac built me up twenty pounds and I look and feel like a new woman. I want to tell everybody about this grand medicine."

### Feels Indebted to Tanlac

Mrs. Vivian Angelo Short, esteemed resident of 2139 Thirty-Fourth St., Calgary, Alberta, a traveler of note, says:

"About a year ago I was attacked by neuritis, which caused terrific pains in my arms, shoulders, knees and ankles. I could not walk, as every attempt caused me perfect agony. I took Tanlac on the urgent advice of a nurse and after taking four bottles did not have a trace of my former malady left. I will always feel greatly indebted to Tanlac.

Thousands of women needlessly permit themselves to grow old before their time when good health, attractiveness and a charming personality may be retained many years longer. Keep yourself built up and the mark of years will touch you but lightly.

Tanlac, which has helped millions of women back to a healthy, happy, life, will benefit you as it has others. It may be secured at any good druggists. Get a bottle today and be convinced of its efficiency.



MRS. MABEL I. FRANCIS

# February

PUT in the year's stock of seed and supplies in February. Buy with economy based on quality, from reliable dealers. Also lay in a supply of ideas. Keep up with the times.

## Plans

The brain used in February will save the back in July. Read how other men have planned farm operations in Farmer's Bulletins. Get them from Department of Agriculture in Washington.

A dead horse is final, but an idle horse eats on forever!

Take the slack out of slack days; profits made then are velvet.

## Farm Operations

Repair and oil harnesses, have plows sharpened, order new machinery. If your ice house is not full already, watch sharply for a chance to fill it now. High time clover seed is ready for sowing. Seeding may begin this month. Get ready for maple-sugar making. Break ground early for spring planting of feed crops, if you have the space available. It costs less to raise hay than to buy it.

## Woods Work

Firewood cut this month will be well seasoned by next Fall. In hauling it the horses will be earning their board, and the cutting can improve the woods.

## Fruit

Control Spring cankerworm by applying bands of sticky material or cotton batting to prevent moths from laying eggs up in the tree and also the ascent of the caterpillars. If bands are not used, spray when first leaves are out, with arsenate of lead.

## Poultry

Overhaul the incubator; clean it, put a new wick in the lamp, and test the thermometer. Order any new parts needed. Set eggs by the middle of the month. Early hatched pullets produce Fall and Winter eggs. Use care in selecting eggs for hatching. Have you ever tried trapping your poultry flock to determine the best layers? Get the brooder in readiness for early hatches.

## Live Stock

Prepare pens for sows which are soon to farrow. Have them in good repair, with pig rails in position, and whatever else is necessary to furnish dry, warm and comfortable quarters.

For the ewes, a daily allowance of from one-half to three-quarters of a pound of grain to each, at least two or three weeks before lambing, will help to insure a good milk flow.

1923		february												1923				
Phas.	BOSTON			NEW YORK			WASH'TON			LATITUDE OF NORTHERN STATES			LATITUDE OF MIDDLE STATES			LATITUDE OF SOUTHERN STATES		
	D.	H.	M.	H.	M.	H.	M.	H.	M.	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises
F. M.	1	10	53	10	53	10	53	10	53	7	11	5	7	11	5	7	11	5
L. Q.	8	4	16	4	16	4	16	4	16	7	10	5	7	10	5	7	10	5
N. M.	15	2	7	2	7	2	7	2	7	7	10	5	7	10	5	7	10	5
F. Q.	23	7	6	7	6	7	6	7	6	7	10	5	7	10	5	7	10	5
D	D	Historical Events																
M	W																	
1	T	King Carlos assassinated, 1908																
2	F	Purification—Candlemas																
3	S	Steamer Housatonic sunk, 1917																
5. Sexagesima Sunday. Day's Length—10h. 5m.—10h. 11m.—10h. 41m.																		
4	S	Ger. released Amer. Pris., 1917																
5	M	Steamer Evestone sunk, 1917																
6	T	Big Fire in Regia, Cuba, 1920																
7	W	Cardinal Falconio died, 1917																
8	T	Steamer Mantola sunk, 1917																
9	F	N. J. ratified Wom. Suff., 1920																
10	S	Secy. Garrison resigned, 1916																
6. Quinquagesima Sunday. Day's Length—10h. 22m.—10h. 28m.—10h. 52m.																		
11	S	President Ebert elected, 1919																
12	M	Virginia def. Wom. Suff., 1920																
13	T	Alphonse Bertillon died, 1914																
14	W	St. Valentine, Ash Wednesday																
15	T	Battleship Maine destro'd, 1898																
16	F	Newcastle Colliery Disas., 1909																
17	S	Maryland def. Wom. Suff., 1920																
7. 1st Sunday in Lent. Day's Length—10h. 40m.—10h. 45m.—11h. 5m.																		
18	S	Pres. Madero deposed, 1913																
19	M	Gen. Fred. Funston died, 1917																
20	T	Robert E. Peary died, 1920																
21	W	Ember day																
22	T	British capture Jericho, 1918																
23	F	Ember day																
24	S	St. Matthias, Ember day																
8. 2d Sunday in Lent. Day's Length—10h. 59m.—11h. 4m.—11h. 19m.																		
25	S	Steamer Laconia sunk, 1917																
26	M	Destroyer Woolsey Collis., 1921																
27	T	Railway Wreck in Ind., 1921																
28	W	Oklahoma rat. Wom. Suff., 1920																

## Weather Forecast

## February, 1923

**C**OLD Wave—1st to 3rd. Intense cold weather, covering all the Western, Central and Eastern sections. Indications are for killing frosts in the extreme southern portions of the country. 4th to 9th—Mild Period. Pleasant weather for this period in the Southwestern and Central states. Moderating conditions from the Great Lakes to the North Atlantic coast. 10th to 13th—Unsettled Period. Heavy gales is the forecast for the Northwest and Lake region. Cloudy and rainy weather in Kentucky, Tennessee and both Carolinas. 14th to 17th—Fair Period. General thaw in the Middle West, the Ohio river valley and the Lake region. Damp and foggy weather prevailing in the South and Southwest. 18th to 20th—Snow Period. Heavy drifting snowstorms from Kansas to the Dakotas. Squally conditions are predicted along the gulf and South Atlantic states. 21st to 25th—Cold Wave. Extremely low temperature in the Northwest, upper Lake region and Canadian provinces. Foggy in the lower Mississippi valley and Gulf states. 26th to 28th—Snow Period. Heavy snow general throughout the Northwest, Lake region and New England states. The indications for the South Atlantic seaboard are cloudy and threatening.

# Men of Middle Life Build Up Their Stamina With Tanlac

The Day's Grind Becomes Easy When Your System Is Fortified With Robust Health Against The Wear And Tear of The Present Day Life.

**T**HOUSANDS of men in middle life who feel their physical stamina beginning to give way under the stress and strain of modern business have found Tanlac an ever ready friend in need. Probably nothing else known to science acts so quickly, positively and naturally to restore the energy and fortify the system against the wear and tear of the day's grind in office, shop, or farm. Prominent men from all walks of life have taken this remarkable medicine with such gratifying results that they have been willing to tell of their experience in the newspapers for the benefit of the public, and millions of others throughout the United States and Canada have refound the joys of health through its use.

## Nature's Medicine

Tanlac is composed of the most beneficial roots, barks and herbs known to science and is truly called nature's medicine. It is readily absorbed into the system where it begins its work by aiding the stomach, liver, intestines and kidneys to perform their duties naturally and thoroughly. This accomplished, the body begins to receive fresh supplies of nourishment and strength; waste matter and impurities are thrown off, the blood is purified and the whole system is toned up and restored with fresh energy and vitality.

If the day's work has become a burden to you and the evenings with the family or at the theatre lack the old time spirit and joy, it is nature's warning that you are wearing out prematurely. She needs assistance in getting rid of the waste materials and impurities that are slowing you up. That Tanlac will accomplish this with remarkable efficacy is vouched for by millions of people, some of whom are your neighbors or friends. Hear what they say:

George H. Nickels, well-known lecturer of Milwaukee, who resides at 227 Wells St., in speaking of his experience with Tanlac said:

"Tanlac not only completely restored my health but I have gained twenty-seven pounds. It has no equal."

Harry M. Allen, well-known Pittsburgh citizen, whose address is 1009 St. Martin St., stated recently:

"Before I took Tanlac, nothing I ate agreed with me, I was off twenty-five pounds in weight and suffered considerably from rheumatism. But Tanlac made a clean sweep of my troubles, built me up thirty pounds and for the first time in years I can sit down and eat a hearty meal like other people."

Alfred H. Emerson, prominent stock farmer, of West Scarborough, Maine, pays a remarkable tribute to Tanlac in these words:

"The flu left my stomach so weak I could hardly bear the sight of food, much less digest anything. I took many medicines but kept getting worse until I thought my case was beyond reach. But Tanlac put me back on my feet in a jiffy. Everybody ought to know about this remarkable medicine."

Harry McAvoy, prominent hotel man of Los Angeles, says:

"I suffered a general breakdown in 1900 and have spent a fortune during the last twenty years in an effort to regain my health. I went to the best specialists in New York, Chicago, New Orleans and Seattle but could get no better. Several months ago, I made up my mind to try Tanlac and the way it built me up was the greatest and happiest surprise of my life. I gained fifteen pounds and have been in the best of health ever since. All the money on earth couldn't buy the good it did me."

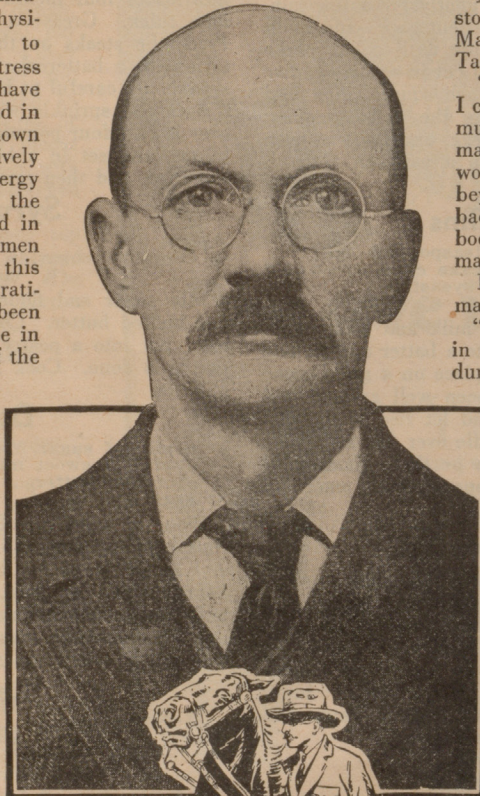
## Minister Talks

Rev. B. M. Bridges, widely known and beloved Baptist minister of Mooresboro, N. C., tells his experience with Tanlac as follows:

"I suffered from such a severe case of nervous indigestion for ten years that I could find nothing that agreed with me. I tried nearly everything in my efforts to get my stomach right, but nothing helped me. Finally I decided to try Tanlac and it has built me up wonderfully. My nerves are so much better I get sound and refreshing

sleep every night, and I enjoy every one of my meals. I have also gained in weight. I can say from experience that Tanlac is a splendid medicine and tonic and I greatly appreciate what it has done for me."

Such remarkable evidence proves the wonderful power of Tanlac beyond question. Buy a bottle today and you, too, will be gratified to see how promptly this medicine restores the vim and vigor to your whole system.



ALFRED H. EMERSON,  
PROMINENT STOCK FARMER  
WEST SCARBORO, ME.

# Recipes for Making Delicious Dishes



## Sausage Rolls

TAKE home-made pork sausage, plunge into fast boiling water, and let boil gently for a few minutes; then remove the skins, cut each sausage in two, lengthways, and set them aside until cold. Make some light pastry, roll out thin, and cut in squares of five inches. Lay a half sausage on each square, then fold the pastry over, and gently press the ends together. Brush the rolls over with beaten egg, and bake in oven from 15 to 20 minutes. Serve on a napkin. Garnish with sprigs of fresh green parsley.

## English Muffins

3 cupfuls flour, 1 teaspoonful salt,  
1½ cupfuls liquid, ½ cake compressed  
1 tablespoonful sugar, yeast.  
1 tablespoonful shortening.

For the liquid, use half sweet milk and half water. Scald milk and let cool. Make into a batter and let rise until very light. Beat down and place on a griddle one dozen muffin rings, which have been well greased and floured. Fill three-fourths full and let rise to the top. When even with the top, set griddle over fire and bake. Turn with batter-cake turner two or three times until done. Let them get cold. Pull open, butter, toast and serve hot.

## Chicken Croquettes

Mince chicken enough to make two teacupfuls; season with half teaspoonful of salt, and a pinch of pepper; add one teacupful of broth in which it was cooked, three eggs, the juice of a lemon and a large tablespoonful of cream, or melted butter. Roll in eggs and biscuit crumbs, and fry in boiling lard. If the chicken broth is not to be obtained, substitute boiling water and another tablespoonful of butter or cream.

## French Omelet

Beat six eggs separately, add a cupful of bread crumbs, a small onion chopped fine, and a teaspoonful of chopped parsley and a teacupful of fresh sweet milk to the yolks; stir in the whites, salt and pepper to taste. Set in the oven till well browned; serve immediately.

## Cocoanut Cake

2 teacupfuls sifted flour, ½ teacupful sweet milk,  
1 teacupful white sugar, ½ teacupful butter,  
1 teacupful grated co- 1 teaspoonful of baking  
cocoanut, powder.

Sift the baking powder in the flour; cream sugar and butter together until very light; add half the sweet milk, and when well mixed, add half the flour, then the balance of the milk and flour. Add the eggs, beaten to a stiff froth, and lastly, the cup of cocoanut, well dredged in flour. Bake in a moderately hot oven. The cocoanut should be grated, sprinkled lightly with sugar, and set in the sun a few hours before using. Do not forget this suggestion.



## Hamburg Steak

Grind good round steak in a meat mill, and make into loaves four inches square and three-quarters of an inch thick. Grease a broiler and let it be very hot. Place the steaks on the broiler until brown and then turn with a battercake turner, and brown on the other side, being careful to have it brown but rare. Place on a dish and sprinkle with salt and pepper. Then pour over it (for four pounds of steak), one cupful of melted butter, and set in a hot place so that it may be well seasoned, and then serve at once, very hot.

## Syrup Custard

3 eggs, ¼ cupful of milk,  
¾ cupful of sugar, 2 tablespoonsful flour,  
¼ cupful of butter

Mix sugar and flour together dry; add milk, syrup and melted butter. Cook until thick, pour over beaten eggs, put into a pastry and cook until set or firm, and pastry is done. Cook in a moderate oven about thirty minutes.

## Doughnuts

1 cupful of sugar, 4 teaspoonsful of bak-  
1 cupful of sweet milk, ing powder,  
¼ cupful of butter, ½ teaspoonful of salt.  
3 eggs,

Flour to make a soft dough stiff enough to handle. Beat eggs together until light, add sugar and mix well; add butter which has been softened. Into a portion of flour add salt and baking powder, add to mixture; then milk and sufficient flour to handle; flavor if liked. Roll out three-quarters inch thick, fry in deep boiling fat, roll in pulverized sugar while hot.

## Lemon Pie

1 cupful of sugar, 3 eggs, butter, the size  
1 cupful of wet bread of an egg.  
crumbs, 3 tablespoonfuls sugar  
Juice of 1 large lemon, for meringue.

Take a piece of fresh bread, remove the crust and plunge into a bowl of cold water and let it take up all the water it will. Squeeze out the water and have enough wet bread to fill the cup. Place in double boiler and add the sugar, butter, yolks of egg and lemon juice. Cook until thick enough for the custard (so it will stay in crust when cut). Take pastry shell, put in filling, make meringue for top, using the whites of egg and the 3 pounds of sugar.

To make meringue have eggs cold, add a few grains of salt and whip stiff. Put in sugar gradually. When all in, beat two minutes, or until it is stiff enough to hold its shape. Place on top of pie and bake ten minutes in moderate oven, or until brown.

In making this pie, the first thing to do is to start the filling. While it is cooking, make the crust. While crust is cooking, make meringue and by the time you have it ready, the pie is all ready to put together and cook meringue.

## Veal Croquettes

Two teacupfuls of chopped veal, one of creamed potatoes, two eggs, one tablespoonful of butter, and salt and pepper to taste. Mix well together, make into oblong balls and fry in boiling lard.

## Strawberry Shortcake

2 cupfuls of flour,  
 $\frac{1}{4}$  cupful of shortening,  
1 teaspoonful of sugar,  
1 teaspoonful of salt,  
5 teaspoonfuls of baking powder,  
1 cupful sweet milk (more or less as required).

Have shortening and milk cold. Make as you would biscuit dough. Divide into two portions; roll out one-half, put into a cake pan. Cover top slightly with soft butter; roll and add second piece. Bake in quick oven about fifteen minutes, or until done. While hot, lift pieces apart, butter generously, cover with berries, which have been sweetened and mashed.

Put on second part; cover top with berries; serve with whipped cream or a jelly meringue. The dough should be hot, the berries crushed, sweetened and cold.

## White Layer Cake

1 scant cup butter.  
 $3\frac{1}{2}$  cups flour.  
 $\frac{1}{2}$  cup milk.  
2 cups sugar.  
2 teaspoons baking powder.  
4 eggs.

Cream butter and sugar together until very light; then add yolks of eggs. Sift flour and baking powder together; add to batter part of flour, then the milk, then add the remainder of flour and, lastly, the whites of eggs, beaten to a stiff froth.

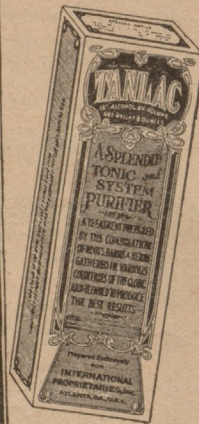
For Lemon Filling for this cake you will require 2 large lemons, 1 teacupful of sugar, 2 eggs and 1 tablespoon of butter. Mix butter and sugar together; add lemons, then eggs. Cook in a double boiler until well jellied. Place between layers and set aside to cool.

## Almond Macaroons

Half pound shelled almonds, a quarter of a pound of butter, whites of three eggs, eight tablespoonfuls of pulverized sugar, a wine glass of rose water, a large tablespoonful of mixed mace and cinnamon. Blanch and beat the almonds the day before they are needed. Beat and sift the spice. Beat the eggs stiff; add the sugar by degrees; beat hard; add the spices, dissolve in the rose water; then the almonds. If too soft, add a few more almonds. Make into small balls, flatten slightly, and bake on buttered paper, or in little crimped papers. To make these, use a round piece of white paper, four inches in diameter, and crimp the edges with a knife. Do not have the oven too hot. Place the cakes two inches apart, because they spread.



**"You owe it to him!"**



**YOU** are his partner in life. Each day he relies on your help and aid. How can you hope to be the true helpmate you so long to be, if you drag through life always in poor health?

TANLAC, Nature's Great Tonic Medicine, will send the red blood coursing through your veins, your eyes will be bright and your digestion good. A real joy will be in your heart and a song on your lips—giving HIM the help he needs to WIN success.

Thousands have voluntarily testified that this wonderful medicine has restored their health and strength.

*At all druggists.*

# TANLAC

*Has the Largest Sale in the World*

# Seed Planting time in the United States.

(Compiled from reports of the Department of Agriculture.)  
NEW ENGLAND.

Kind of Crop.	Date of Planting.	Best Soil.	Amount of Manure per Acre.	Amount of Seed per Acre.	Weeks to Maturity.
Corn	May 10 to 30	Sandy or clay loam	8 to 12 tons	8 to 12 qts.	14-17
Wheat	Fall or Spring	Clay loam	18 tons	2 bush	20
Oats	Apr. to May	Strong loam	6 to 8 tons	2 to 3 bush	11-15
Barley	Apr. to June 20	Strong loam	7 to 8 tons	2 to 3 bush	10-15
Rye	Apr. to May, Sept.	Medium loam	7 to 8 tons	5 to 6 pecks	40
Buckwheat	June 1 to 20	Light loam	4 to 6 tons	1 to 1½ bush	10-15
White Beans	May to June	Sandy loam	7 to 8 tons	8 to 16 qts.	8-14
Potatoes	Apr. 15 to May 1	Rich loam	15 to 20 tons	8 to 20 bush	12-20
Turnips	July 1 to Aug. 3	Sandy loam	10 tons	1 lb.	10
Mangels	Apr. 15 to May 5	Strong heavy loam	8 to 15 tons	4 to 6 lbs.	17-22
Tobacco	Seed bed Apr.	Sandy loam	8 to 12 tons		9-12
Hay					

## MIDDLE STATES.

Corn	Apr. 20 to May 30	Medium loam	8 to 12 tons manure	6 to 8 qts.	16-18
Wheat	Sept. 20 to Oct. 20	Loam	8 tons, 300 lbs. fer.	2 bush	41-43
Oats	Mar. to May	Moist clay loam	8 tons; 300 lbs. fer.	2 to 2½ bush	16-17
Barley	Mar. to May	Clay loam	8 tons; 300 lbs. fer.	2 to 2½ bush	13-16
Rye	Sept. 1 to Oct. 1	Sand or gravel loam	8 tons; 300 lbs. fer.	1½ bush	40-43
Buckwheat	June to July	Loam	5 tons	½ to 1½ bush	8-10
White beans	May to June	Sandy loam	8 tons	1½ bush	13-14
Potatoes	Mar. to May	Loam	10 to 18 tons	8 to 15 bush	14-22
Sweet potatoes	May to June	Sandy loam		10 to 12 bush	10-15
Cabbage	Mar. to July	Clay or sandy loam	300 to 600 lbs. fer.	4 to 8 oz.	8-15
Turnips	July	Loam		2 to 5 lbs.	10-12
Mangels	May	Loam	10 to 20 tons	10 to 15 bush	15-18
Flax	May	Limestone loam		20 qts.	8-10
Tobacco	Seed bed Mar.	Sandy loam	Commercial fer.		15-20
Hay, timothy	Aug. to Oct.	Clay loam		6 to 8 qts.	
Hay, clover	Feb. to Apr.	Clay loam		6 qts.	

## CENTRAL AND WESTERN STATES.

Corn	Apr. 1 to June 1	Black or sandy loam	5 to 10 tons	6 qts.	16-20
Wheat	Fall or Spring	Strong loam	8 tons	2 bush	40-42
Oats	Apr. 1 to May 1	Clay loam	8 tons	2 to 3 bush	12-14
Barley	Fall or Spring	Clay loam	8 tons	2 bush	11-13
Rye	Sept. 1 to 30	Light loam	8 tons	1 to 2 bush	35-40
Buckwheat	June	Clay loam	5 tons	1 to 2 bush	10-12
White beans	May 10 to June 10	Clay loam	8 tons	1½ bush	12
Potatoes	Mar. 15 to June 1	Sandy loam	5 to 10 tons	5 to 10 bush	10-20
Turnips	July 15 to Aug. 30	Loam or muck	8 to 10 tons	1 to 6 lbs.	10-16
Mangels	Apr. 1 to May 15	Sandy loam	8 to 12 tons	6 to 8 lbs.	22-24
Flax	Mar. 15 to May 15	Loam	10 to 15 tons	2 to 3 pecks	15-20
Tobacco	Seed bed, Mar.	Sandy loam	8 to 10 tons	Oz. to 6 sq. rd.	15-18
Hay	Apr. to May	Clay loam	10 tons	8 to 15 lbs.	

## SOUTHERN STATES.

Cotton	Feb. to May 15	Sandy loam		1 to 3 bush	20-30
Corn	Feb. to June	Rich loam	10 bush. cot. seed	8 qts.	18-20
Wheat	Sept. to Nov.	Clay loam	8 tons	2 bush	43
Oats	Feb., May, Sept.	Clay loam	8 to 10 tons	2½ bush	17
Barley	Apr. to May	Clay loam	8 to 10 tons	2½ bush	17
Rye	Sept. to Oct.	Clay loam	10 tons	1½ bush	43
White beans	Mar. to May	Light loam	8 tons	1 to 2 bush	7-8
Cabbage	Oct., Mar. to May	Light loam	6 to 10 tons	¼ to ½ lbs.	14
Watermelons	Mar. 1 to May 10	Rich, light loam	5 tons; 300 lbs. fer.	2 to 7 lbs.	16-20
Onions	Feb. 1 to Apr. 10	Loam or muck			16-24
Potatoes	Jan., Feb. to Apr.	Light loose loam	8 to 12 tons	8 to 10 bush	11-15
Sweet potatoes	May to June	Sandy loam		10 to 12 bush	12-15
Pumpkins	Apr. 1 to May 1	Rich, light loam		4 to 7 lbs.	17-20
Tomatoes	Jan. 1 to Feb. 19	Rich, sandy loam		4 to 9 oz.	14-20
Turnips	Feb., Aug., Apr.	Rich, light loam		2 to 6 lbs.	8-12
Tobacco	Seed bed, Mar.	Sandy loam	8 to 15 tons	oz. to 6 sq. rd.	18-20
Cow peas	May 1 to July 15	Sandy loam	200 to 300 lbs. phos.	2 to 5 pecks	6-8

# Household ~ Helps

Helpful  
Suggestions



For the Busy  
Housewife

**N**EVER throw away lemon skins. Bake them in a moderate oven till quite crisp, but not in the least burnt. When cold, grate and store in a well-corked bottle. A pinch in a milk pudding or a cake is a great improvement. Half a teaspoonful should be added to veal or fowl stuffing. Having it ready for use saves time and trouble at a busy moment.

Black silk may be cleansed by sponging the dirty spots with the water in which potatoes have been boiled.

When carving, the cutting must be clean and sharp, not jagged. Always cut across the grain of the meat, with the exception of a saddle of mutton, which is cut lengthwise from neck to tail.

A little apple sliced up in a salad makes a great improvement in the flavor. If the apple is apt to be a trifle sour, use a little less vinegar or lemon than usual in your dressing.

To remove tar stain from cotton fabrics cover the spot with butter and allow it to remain for a few hours before washing.

Nickel that has become discolored can be made bright again by rubbing with a paste of whiting or a fine scourer.

If a cracked egg is to be boiled, wrap it in greased paper, tie it around with string and put it into boiling water.

A slice or two of orange added to tomato soup almost immediately before serving greatly improves the flavor.

A soft paint brush is much the best thing to use for dusting carved furniture, as it will remove the dust from all the crevices.

If you make hot starch with soapy water, you will find that it gives a gloss to the linen and prevents the iron sticking to the surface of the article.

Plunge a beet into cold water when you take it from the saucepan. The skin will then rub off quite easily.

A few drops of glycerin in the proportion of a teaspoonful to a pound of flour makes a cake light and feathery.

If a cellar has a damp, musty smell, place some charcoal on plates or trays and lay them in different parts of the cellar.

The best way to clean lamp burners is to boil them for 20 minutes in strong vinegar to which a few yellow onion peelings have been added.

To remove oil stains on carpets dip a rag in petrol and begin by rubbing round the outside edge of the stain. Work round and round to the center. As soon as one portion of the rag becomes dirty change it to a clean part.

# KUROKOL

## A New Scientific Treatment for COLDS

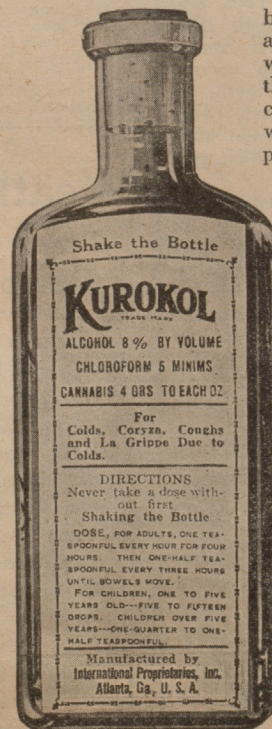
**T**HE common cold is the most prevalent of all present-day diseases and, although vital statistics do not record the sum total of the ravages committed, it is evident that, instead of being classed as a trivial affection, the common cold must be classed as a serious disease.

KUROKOL is a new scientific treatment for colds, discovered by a well-known American physician and pharmacist of thirty years experience and represents months of careful study and laboratory research. People who take KUROKOL find it very difficult to describe the really wonderful feeling of relief they experience. According to the reports of thousands who have tried it, this new remedy is almost magical in its effects.

The very first dose invariably stops the tendency to sneezing and coughing, and the second or third dose usually suffices to stop the progress of the severest cold altogether.

KUROKOL is a combination treatment and acts as an anti-pyretic which tends to relieve the headache and discomfort; an expectorant which loosens the phlegm and tends to relieve the cough; a laxative which opens the bowels, and an antiseptic which retards germ growth and tends to prevent the spread of the infection.

KUROKOL is very palatable. In fact, it is delightful to take and produces no unpleasant after-effects. Even children take it readily and it acts on all, both old and young, with the same gratifying results. Only one bottle is usually sufficient to break up the most obstinate cold.



# March

**T**HE Spring tide of preparations starts in March. Keep ahead of the tasks and push them lest they get behind and push you. New life needs care; new born beasts and newly hatched poultry must have good quarters; nursery stock deserves a fair start.

Clean out field ditches and tile outlets. Examine and repair terraces. Are you ready to poison the boll weevils? Eelworms make poor flour. Plant clean wheat seed on clean ground and control the eelworm disease.

Lamb prices frequently reach the highest point this month. Hog prices usually show sharp advance and sometimes reach highest point of the year.

## Fruit

To eradicate San Jose and other scale insects of deciduous fruit trees spray with lime-sulphur any time the leaves are off except during freezing weather. To get apple aphids, too, this treatment may be delayed until bud tips show green, three-eighths pint of 40 per cent. nicotine, sulphate being added to the spray.

Occasionally early migrating birds eat fruit buds to an undesirable extent. To prevent this spray with a hot emulsion of fish-oil soap.

## Live Stock

Give horses that have been idle most of the Winter enough light work to prepare them for Spring operations; this will help prevent sore shoulders. Have an outfit on hand for treating milk fever. This disease may effect cows soon after calving, especially those which give a large milk yield.

Furnish the young lambs some oats, bran, and cracked corn and choice clover or alfalfa hay in a creep, where they can feed unmolested by the old ewes.

Sows should be accustomed to the presence of an attendant about the pen; then help may be given at farrowing without causing undue excitement and possible injury to young pigs.

In extreme cold weather a box or basket padded with soft clean bags or cloth and armed with a hot water bottle or heated brick should be used for new born pigs.

Give barns, hog pens, poultry houses, and yards a thorough cleaning and disinfect them.

## Poultry

Dust setting hens thoroughly with good lice powder several times during the hatch. Do not feed chicks for at least 36 hours after they hatch.

1923		March												1923								
Phas.	BOSTON	NEW YORK	WASH'TON	LATITUDE OF NORTHERN STATES	LATITUDE OF MIDDLE STATES	LATITUDE OF SOUTHERN STATES	MOON'S SIGNS.			SUN SETS	SUN RISES	MOON SETS	MOON RISES									
							Sun rises	Sun sets	Moon sets													
D. H. M.	2 10 24 A.	10 24 A.	10 24 A.																			
L. O.	9 1 31 A.	1 31 A.	1 31 A.																			
N. M.	17 7 51 M.	7 51 M.	7 51 M.																			
F. Q.	25 11 41 M.	11 41 M.	11 41 M.																			
D M W	Historical Events																					
1 T	St. David												6 38	5 48	5 28	13	6 36	5 50	5 25	6 30	5 56	5 14
2 F	Champ Clark died, 1921												6 36	5 50	rises	12	6 35	5 51	rises	6 29	5 57	rises
3 S	Juneau Mine Explosion, 1910												6 35	5 51	6 46	12	6 33	5 52	6 47	6 27	5 58	6 50
9. 3d Sunday in Lent.													Day's Length—11h. 19m.—11h. 22m.—11h. 39m.									
4 S	Texas ratified Prohibition, 1918												6 33	5 52	8 1	12	6 31	5 53	8 0	6 26	5 59	7 59
5 M	W. Wilson inaugurated, 1917												6 32	5 53	9 14	12	6 30	5 54	9 12	6 25	6 0	9 7
6 T	Big Fire in Dayton, 1920												6 30	5 54	10 26	12	6 28	5 55	10 24	6 23	6 0	10 15
7 W	Fire in Old Point Comfort, 1920												6 28	5 56	11 35	11	6 27	5 57	11 32	6 22	6 1	11 20
8 T	Treaty with Japan, 1854												6 27	5 57	morn	11	6 25	5 58	morn	6 21	6 2	morn
9 F	Wilson calls Extra Session, 1917												6 25	5 58	0 40	11	6 24	5 59	0 36	6 20	6 3	0 22
10 S	Submarine U-12 sunk, 1916												6 23	5 59	1 40	11	6 22	6 0	1 36	6 18	6 4	1 19
10. 4th Sunday in Lent.													Day's Length—11h. 39m.—11h. 40m.—11h. 47m.									
11 S	Race Riots in Ohio, 1921												6 21	6 0	2 34	10	6 21	6 1	2 30	6 17	6 4	2 33
12 M	John P. Altgeld died, 1902												6 19	6 1	3 22	10	6 19	6 2	3 18	6 16	6 5	3 2
13 T	Maryland ratified Prohib., 1918												6 18	6 3	4 4	10	6 17	6 3	4 1	6 15	6 6	3 47
14 W	Fire in Grandview, Texas, 1920												6 16	6 4	4 42	10	6 15	6 4	4 39	6 13	6 7	4 28
15 T	Blizzard in North Dakota, 1920												6 15	6 5	5 16	9	6 14	6 5	5 14	6 12	6 7	5 6
16 F	Joseph Medill died, 1899												6 13	6 6	6 46	9	6 12	6 6	6 45	6 11	6 8	5 40
17 S	St. Patrick's Day												6 11	6 7	7 sets	9	6 11	6 7	7 sets	6 10	6 9	sets
11. 5th Sunday in Lent.													Day's Length—12h. 0m.—11h. 59m.—11h. 1m.									
18 S	Russia-Polish Treaty, 1921												6 9	6 9	7 22	8	6 9	6 8	7 21	6 8	6 9	7 19
19 M	Bert L. Taylor died, 1921												6 8	6 10	8 19	8	6 8	6 10	8 17	6 7	6 10	8 12
20 T	Sen. Newberry convicted, 1920												6 8	6 11	9 16	8	6 6	6 11	9 14	6 6	6 11	9 5
21 W	Spring begins												6 6	6 12	10 12	7	6 4	6 12	10 9	6 4	6 12	9 51
22 T	Washington rat. Wom. Suff., '20												6 6	6 13	11 8	7	6 2	6 13	11 4	6 3	6 12	10 51
23 F	Paris bombarded, 1918												6 5	6 14	morn	7	6 1	6 14	11 58	6 2	6 13	11 43
24 S	Cardinal Gibbons died, 1921												5 59	6 15	0 2	7	5 59	6 15	morn	6 0	6 14	morn
12. Palm Sunday.													Day's Length—12h. 19m.—12h. 18m.—12h. 15m.									
25 S	Annunciation. Palm Sunday												5 57	6 16	0 55	6	5 58	6 16	0 51	5 59	6 14	0 34
26 M	Fire in Tokyo, 1921												5 55	6 18	1 46	6	5 56	6 17	1 42	5 58	6 15	1 25
27 T	Steamer Falaba sunk, 1917												5 54	6 19	2 34	6	5 54	6 18	2 30	5 56	6 15	2 16
28 W	Tornado in Illinois, 1920												5 52	6 20	3 18	5	5 52	6 19	3 15	5 55	6 16	3 3
29 T	Explosion in Chicago, 1921												5 50	6 21	3 59	5	5 51	6 20	3 56	5 54	6 17	3 47
30 F	Good Friday												5 48	6 22	4 38	5	5 49	6 21	4 36	5 52	6 18	4 31
31 S	Mine Disaster in Colo., 1919												5 47	6 23	5 16	4	5 48	6 22	5 15	5 51	6 18	5 14

# Weather Forecast March, 1923

**S**TORM Period—1st to 4th. Raw winds in the Great Lakes region, St. Lawrence river valley and along the North Atlantic coast. Destructive storms in Texas and Oklahoma. 5th to 10th—Cold Period. Sudden fall in temperature at all points in the Northwestern, Central and Eastern states. Freezing weather as far south as Little Rock and Chattanooga. 11th to 14th—Snow Period. Rain, sleet and snow will prevail in the Southwest and Middle Atlantic states. Squally in the upper Mississippi and Central states. 15th to 19th—Cold Period. Cold, northwesterly winds prevailing in the western half of the country. Damp and foggy in the Gulf and South Atlantic states. 20th to 23rd—Unsettled Period. Showery weather is predicted from Missouri to the Carolinas and Virginias. Continued cold and frosty conditions in the West and Northwest. 24th to 27th—Frosty Period. Heavy local frosts in Montana, the Dakotas, Minnesota and Wisconsin. Clear and fair in the Central and New England states. 28th to 31st—Storm Period. Dangerous gales in the Gulf and South Atlantic states. Cloudy and stormy conditions in the Northwest and region of the Great Lakes.

# How Tanlac Is Made; Three Plants Manufacture Medicine

**N**OT only is the success achieved by Tanlac due to what the preparation contains, but also to the processes used in blending its various component parts. There are eight ingredients in this exceptionally effective tonic medicine, each of which is of generally recognized therapeutic value.

In Tanlac, these elements are so combined and blended that their beneficial action seems to be enhanced to a degree never before equalled. Only the best grade of ingredients obtainable go into the Tanlac formula, thereby insuring a uniformity of quality.

The medicine is manufactured in three laboratories, the largest of which is at Dayton, Ohio; the others being located at Walkerville, Canada, and Mexico City. The process of manufacture at the Dayton plant, which is herewith briefly described, is typical of the others.

## The Dayton Plant

The building at Dayton occupies 60,000 square feet of floor space, is six stories in height, and of pleasing architectural design.

The interior is finished in spotless white and the large force of employees all wear white uniforms, which they are required to change each and every day.

At the laboratory, all the ingredients which go into the manufacture of the medicine undergo rigid inspection for strength and purity before being blended into the Tanlac formula. After passing these tests, they go into the giant percolators, a battery of which are shown on this page, and the medicinal values are extracted according to the latest scientific methods. Every step is guarded with the utmost care to keep the medicine uniform in strength and a model in purity.

The medicine is bottled by the latest type of machinery and everything is provided to promote systematic and rapid production. The very latest machinery and devices known to invention and pharmaceutical science are used.

The entire process of manufacture is conducted under absolutely sanitary conditions. Even the bottles, made expressly to contain Tanlac, are washed and sterilized electrically. They are then filled by automatic machinery and the finished product, therefore, is never touched by human hands.

While the Tanlac laboratory at Walkerville and the one in Mexico City are on a smaller scale, they are no less modern in equipment. At each of the three laboratories uniform quality is insured by a system of careful

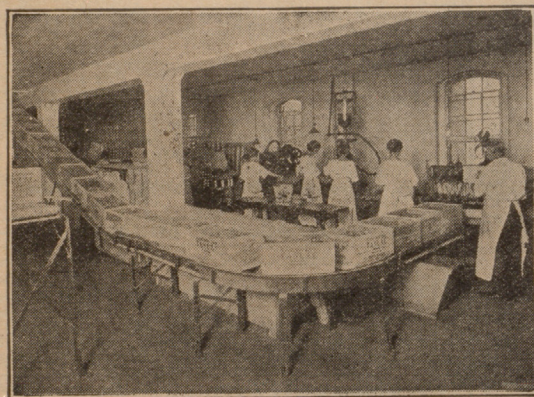
inspection from the time the ingredients are received in the rough state until their medicinal properties have been extracted by the most improved processes.

Tanlac contains no mineral drugs. It is purely vegetable, being composed of the extracts of exceptionally efficacious roots, herbs and barks. Nearly one thousand tons of crude drugs have been received and used at the Tanlac laboratory at Dayton since the preparation was first placed on the market in 1914.

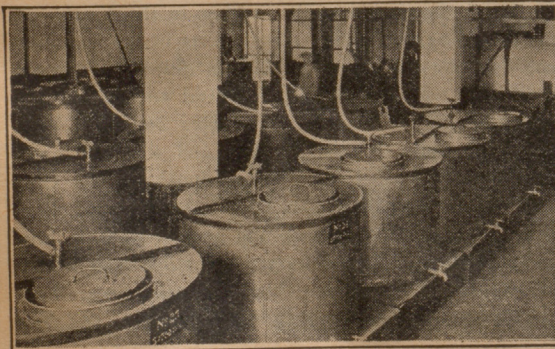
The daily capacity of the plant at Dayton is 50,400

bottles; Canadian plant, 7,200 bottles, and the Mexico City plant, 5,040 bottles, making a total daily capacity of 62,640 bottles. The laboratories have frequently been so rushed to keep up with orders that day and night shifts of workers have been necessary.

If all the Tanlac manufactured by this company were placed in one pile, it would make a "mountain" weighing approximately 15,000,000 pounds. Nine hundred car-loads of bottles have been unloaded at the Tanlac laboratories.



Bottle Sterilizing Machine



Battery of Percolating Vats



Labelling Machine

# April

**A**PRIL means the real beginnings: "As ye sow, ye are like to reap." Best seeds and best breed best serve the world's needs—and best repay the farmer. Don't forget beauty; plan for lawns and flowers. Risk some early plantings in the garden. Work without ceasing.

## Plans

The thing that counts most is not crop acres but more profit to the acre; not more cows, but more profit from each cow; not more hours of labor but better return. Get the best seed and prepare the bed, then plant when soil and moisture conditions are right. Be equipped in advance with all necessary remedies for insects that destroy crops in your territory.

## Farm Operations

Overhaul your pumps and windmills. Finish seeding clover in the North. If the ground is wet, do not let stock trample the clover too much. Plant sorghum seed for syrup production if soil and weather conditions permit. Bermuda grass can be controlled by planting infested land to a good shade crop, such as soy beans, velvet beans or cowpeas.

## Fruit

The plum curculio, a small snout beetle that deforms the fruit and causes much of it to drop, is best controlled by arsenate of lead, 1 pound of powder or two pounds of the paste to 50 gallons of water, applied during pink cluster-bud stage and again when the petals drop.

## Poultry


Locate brood coops or brooders where drainage is good and where there is a good sod and move them to fresh ground every few days. Give the young chickens protection from rain, rats, hawks, and other dangers.

## Live Stock

Don't stint the cows' feed, even though they get pasture. In early Spring the grass is usually watery, and cows cannot get enough of it to supply milk and keep up body weight.

Careful feeding and proper management of the sow and litter will give the pigs a good start. They should have exercise and opportunity to be out of doors during good weather. They should be protected against cold rains and provided with clean, warm, comfortable quarters.

Dock all lambs and castrate the ram lambs that will go to market; wethers bring better prices than rams. This should be done before the lambs are three weeks old.



# April

Phas.	BOSTON	NEW YORK	WASH'TON	LATITUDE OF NORTHERN STATES	LATITUDE OF MIDDLE STATES	LATITUDE OF SOUTHERN STATES
F. M.	1 8 10 M.	8 10 M.	8 10 M.	MOON'S SIGNS.	SUN SLOW	SUN SLOW
L. Q.	8 0 22 M.	0 22 M.	0 22 M.			
N. M.	16 1 28 M.	1 28 M.	1 28 M.			
F. Q.	24 0 20 M.	0 20 M.	0 20 M.			
F. M.	30 4 30 A.	4 30 A.	4 30 A.			
D M	<b>Historical Events</b>			Sun rises h m	Sun sets h m	Moon rises h m
<b>13. Easter Sunday. Day's Length—12h. 39m.—12h. 37m.—12h. 30m.</b>						
1 S	Easter Sunday			5 45	6 24	6 48
2 M	Massachusetts rat. Prohib. 1918			5 43	6 25	8 3
3 T	Flood at Memphis, 1912			5 41	6 26	9 16
4 W	Steamer Parana sunk, 1917			5 40	6 27	10 26
5 T	Willard defeats Johnson, 1915			5 38	6 29	11 31
6 F	U. S. decl. War on Germany, 17			5 36	6 30	morn
7 S	Cuba decl'd War on Ger., 1917			5 34	6 31	0 29
<b>14. Low Sunday. Day's Length—12h. 59m.—12h. 59m.—12h. 43m.</b>						
8 S	Tornado in Texas, 1919			5 33	6 32	1 20
9 M	Stephen J. Field died, 1899			5 31	6 33	2 4
10 T	Explos. at Eddystone, Pa., 1917			5 30	6 34	2 43
11 W	Civil War began, 1861			5 28	6 36	3 18
12 T	Chelsea, Mass., Fire, 1908			5 26	6 37	3 49
13 F	Mine Explosion in Japan, 1915			5 24	6 38	4 18
14 S	Fire in Japan, 1921			5 23	6 39	4 47
<b>15. 2d Sunday after Easter. Day's Length—13h. 10m.—13h. 15m.—12h. 57m.</b>						
15 S	Steamer Titanic sank, 1912			5 21	6 40	5 14
16 M	Nelson W. Aldrich died, 1915			5 20	6 41	sets F.
17 T	John P. Morgan born, 1837			5 18	6 42	8 6
18 W	Earthquake, San Francisco, 1906			5 16	6 43	9 2
19 T	Adm. A. Taylor died, 1891			5 15	6 44	9 58
20 F	Colombian Treaty ratified, 1921			5 13	6 45	10 52
21 S	Victory Loan opened, 1919			5 12	6 47	11 43
<b>16. 3d Sunday after Easter. Day's Length—13h. 38m.—13h. 32m.—13h. 10m.</b>						
22 S	Jos. Caillaux convicted, 1920			5 10	6 48	morn
23 M	St. George			5 8	6 49	0 30
24 T	Railroad Wreck in India, 1920			5 7	6 50	1 14
25 W	St. Mark			5 5	6 51	1 55
26 T	William H. Seward died, 1920			5 4	6 52	2 33
27 F	Cruiser L. Gambetta sunk, 1915			5 3	6 53	3 10
28 S	Army Draft Bill passed, 1917			5 1	6 54	3 46
<b>17. 4th Sunday after Easter. Day's Length—13h. 56m.—13h. 49m.—13h. 23m.</b>						
29 S	Mine Explosion in Ala., 1919			5 0	6 56	4 23
30 M	Fire in Yokohama, 1919			4 59	6 57	5 2

## Weather Forecast April, 1923

**P**LEASANT Period—1st to 3rd. Warm weather for April in the East Gulf and South Atlantic states. Local frosts in the Northwest and region of the Great Lakes. 4th to 7th—Unsettled Period. Unsettled and stormy weather prevailing in the Southwest. Heavy rains in the Middle Atlantic states and along the North Atlantic coast. 8th to 13th—Cool Period. Damp, foggy and chilly weather in the Northwest, the Lake region and New England states. Local frosts in the mountain sections of Montana, Wyoming and Colorado. 14th to 18th—Mild Period. Fine balmy spring weather will prevail in the Central and Middle Atlantic states. Light frosts in the Dakotas, Minnesota and Wisconsin. 19th to 22nd—Showery Period. Generally cloudy and showery conditions prevailing in the Northwest, Central Mississippi and the Ohio river valleys. Stormy weather over the North Atlantic coast states. 23rd to 27th—Storm Period. Unsettled conditions and general rains in Missouri, Iowa, Illinois and Indiana. Tornadoes are a possibility in Mississippi, Alabama and Georgia. 28th to 30th—Thunderstorms. Severe local thunderstorms is the forecast for the Central, Middle Atlantic and New England states.

# TANLAC VEGETABLE PILLS

**Nature's Great Treatment for Constipation  
FOR MEN, WOMEN AND CHILDREN**

*They are as gentle as Nature.*

*They are purely vegetable.*

*They are pleasant to take.*

*They are not habit forming.*

*They produce no bad effects—no nausea—no griping.*

**Try them tonight and you will be surprised and delighted with the fine results you have obtained.**

**Y**OU cannot hope to get satisfactory results from the Tanlac Treatment without first establishing a free and regular movement of the bowels. It stands to reason that no treatment can do the greatest amount of good when you are suffering from constipation, or biliousness, or when your system is clogged up with waste products and poisons. Each ingredient in Tanlac Vegetable Pills is purely vegetable and is recognized by leading authorities as being of great value and highly useful in the treatment of constipation.

Tanlac Vegetable Pills are absolutely free from calomel and other drastic substances. Their action is gentle and mild and without the tendency to constipate.

## What is Constipation?

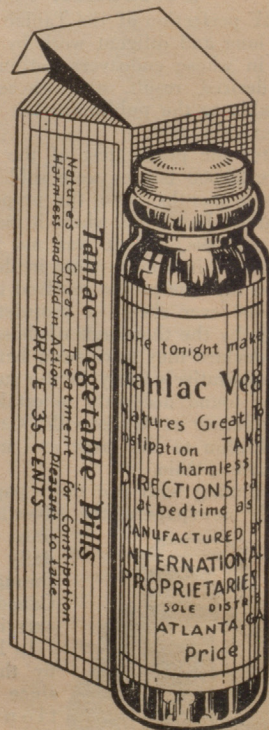
Constipation means failure of the bowels to act regularly and thoroughly. You may have a movement each day and still be constipated. The bowels should empty themselves thoroughly. Their failure to do so causes stagnation of the useless and waste matter in the large intestine.

Habitual or chronic constipation invariably may cause sour stomach, indigestion, dyspepsia, headaches, palpitation, bad breath, nervousness, sleeplessness, pimples, bad complexion, piles and a multitude of other ailments. Tanlac Vegetable Pills, as stated, are an important part of the Tanlac Treatment wherever constipation is present. However, taken either with or without Tanlac, we believe they will produce more satisfactory results than anything of the kind heretofore offered the public.

## DIRECTIONS

There is no such thing as a regular dose for Tanlac Vegetable Pills. The degree of constipation varies in different people. Take just enough to have one good movement of the bowels each day.

We recommend that you begin the first night by taking two pills, and if their action is satisfactory reduce the dose the second night to one pill. Continue taking one pill nightly until your bowels are regular and thorough in action. Then discontinue and take the pills only when your bowels fail to function properly.



**Tanlac Vegetable Pills are an essential and vitally important part of the Tanlac Treatment**

# The Romance of Tanlac

**How a Product of Merit, Backed by Honest Advertising and Clean Merchandising Methods, Has Turned a Modest Venture Into a Notable Business Achievement in Eight Years Time.**



**T**HE story of Tanlac and its success is one of those modern romances that reads more like a tale from the Arabian Nights than facts from Twentieth Century commercial history. In brief, it is the narrative of how a product of merit, backed by honest advertising and clean merchandising methods, has turned a modest venture of eight years ago into a great, outstanding business success.

It is extremely doubtful if the chronicle of American business can show a parallel, in the way of a medicinal product, to the achievement of Tanlac. Since a day in 1914, when the medicine was first put on sale in the city of Lexington, Ky., the demand for it has grown by veritable leaps and bounds until now more than thirty million (30,000,000) bottles of it have been sold.

## Perfection of Formula

**T**HE perfection of the Tanlac formula came only after long and diligent work by the most skillful chemists, in whose endeavors nothing was spared to attain the desired result, and whose achievement was not available to the public until it was certain that Tanlac was exactly right.

After the public test of the medicine at Lexington, where 20,000 bottles were sold in the city and vicinity in three months' time, the preparation was next placed on sale in Louisville, where it met with the same enthusiastic success, and it was not long until it had been introduced into every state in the Union and in Canada.

And that the public received it with the greatest mark of favor ever shown a proprietary medicine has been proven by the thousands of those who have taken it and who declare they have been benefited by its use.

Comparatively early in the success of the preparation it was found necessary to establish laboratories for its manufacture at Walkerville, Canada, and Mexico City, in addition to the large and modernly equipped plant at Dayton, Ohio.

Beginning with two daily papers and about a dozen weekly newspapers, the advertising has been extended until now more than 7,000 daily and weekly newspapers throughout the United States, Canada, Mexico and Cuba are carrying Tanlac advertising.



In 1915 the advertising done by the company, which has since developed into International Proprietaries, Inc., amounted, in round figures, to only \$6,000.00. Last year upwards of a million and a quarter dollars (\$1,250,000.00) was spent in its advertising.

The only explanation of Tanlac's triumph in the medical world is Tanlac's true worth. Tanlac is well advertised, it is true, but such a large and rapidly growing demand could not be brought about by advertising alone. It's what the neighbors say that counts. One bottle is sold in a neighborhood through advertising, but ten more are sold in that community after the first bottle produces results, and that's right where Tanlac scores. People are always willing to talk about their ailments, but they are more than willing to tell others of the medicine that helps them. It's something they couldn't keep to themselves if they tried, for the impulse to sympathize with neighbors and want to help them is one of the strongest, as well as one of the biggest, things in human nature. One person invariably tells another about a medicine that helps him. In this way scores and even hundred have heard of Tanlac as a direct result of one bottle in a single home.

## How Advertising Has Grown

**I**T is interesting to observe how the advertising of Tanlac has kept pace with the sales, and the following table is decidedly illuminating:

1915 .....	\$ 6,000.00
1916 .....	95,030.85
1917 .....	171,217.74
1918 .....	239,445.74
1919 .....	519,217.68
1920 .....	824,310.54
1921 .....	1,026,810.00
1922 .....	1,250,000.00

Therefore, it will be seen that, in the last seven years, \$4,132,032.55 has been spent by the present company to advertise Tanlac.

Up until the first of January, 1922, International Proprietaries, Inc., with headquarters in Atlanta, Ga., was only the distributing company. Since then the company has acquired, by purchase, the plants at Dayton, Walkerville and Mexico City and is, therefore, now not only the distributors of Tanlac, but also the manufacturers.

Since the time the preparation was first placed on the market there has been no check to its growth. In many sections of the United States and Canada, Tanlac is a household word and family medicine. It is useless to attempt a prediction as to where the volume will reach, as it has already been introduced successfully in Cuba and Porto Rico the past year, and plans are now being completed for its introduction in South and Central American countries.

# Nature Never Fails To Give Fair Warning

Thousands of People Suffer Permanent Loss of Health Because of Neglect---Nature Has Set the Danger Signal for Us and We Cannot Afford to Pass Unnoticed the Warnings She Gives Us

**G**OOD digestion means good health; bad digestion means bad health. A sound stomach is worth a hundred times its weight in gold. Probably eighty per cent of all diseases originate in the digestive organs. Dyspepsia, or what is more commonly known as indigestion, is not only one of the most prevalent, but it is also one of the most difficult to treat, of all present day diseases.

Stomach trouble is almost always followed by a complication of diseases, one of the first being an over-worked liver, with all the symptoms of biliousness, followed in turn by headaches, coated tongue, nausea, dizzy spells, pain in the back, palpitation of the heart and other distressing symptoms. Sooner or later the kidneys become involved and that is just why these danger signals should be heeded in time. A wise man puts out the fire before there is too much destruction; the same theory should apply to stomach trouble.

## Fermentation

Gas in the stomach means fermentation, instead of digestion; decay, instead of nutrition, for fermentation produces poisons, which are absorbed by the blood and which frequently bring on the condition known as auto-intoxication, or self-poisoning. This is also why we develop acidosis, which brings on so many complications such as rheumatism, hardening of the arteries, high blood pressure and other conditions, which may mean permanent loss of health. Acidosis is one of the main forerunners of Bright's disease and diabetes, hence it is evident that if we have stomach trouble, however slight, we are foolish indeed if we do not take prompt steps to correct it.

Hours might be consumed in describing the suffering, mental and physical, of the sufferers of chronic dyspepsia. A morbid, unreal, whimsical and

melancholy condition of the mind, aside from the nervousness and physical suffering, is the usual condition of the average dyspeptic, and life seems scarcely worth the living.

Dyspepsia, or indigestion, as the case may be, is caused by the eating of too much food, or unsuitable food, which irritates the mucous membrane of the stomach and there is set up an acute, or subacute, gastric catarrhal condition which prevents the proper digestion of the food.

This food is apt to ferment and decompose and, as a result, the familiar distressing symptoms of dyspepsia may arise. In mild cases, there is nothing more than an uncomfortable feeling in the stomach, with a certain amount of depression, headache, loss of appetite, or gas.

In the most severe cases—those that last over a day or two—the symptoms enumerated may be much more in-

tense. The distress may be marked and the general constitutional symptoms more evident. When this stage is reached, the loss of appetite, the mental depression and the general uncomfortable feeling in the stomach are much more pronounced.

## Proper Diet

Most cases of dyspepsia can be relieved if the diet is properly looked after and with the proper treatment. Proper eating and the proper amount of food are the most important features in the treatment.

If we are not as "fit as a fiddle" in the morning; if we don't feel better than when we went to bed; if our breath is offensive and we have that bad taste in the mouth, Nature has set the danger signals for us and we cannot afford to neglect the warning she gives us. That is just why the demand for Tanlac, the great Stomachic, Systemic and Reconstructive Tonic, has broken all world's records. People all over America have learned that it provides the surest, safest and quickest remedy for all such troubles, and millions have taken it with the most gratifying results.

## THE ROAD TO HEALTH

**D**ON'T expect to get over physical disease by taking Tanlac and waiting a few days. It takes long continuation of abuses to stomach and other vital organs to produce an invalid, and even with the aid of a superior medicine time is necessary to restore health. Tissue must be rebuilt and the entire system put in working order and kept that way by food and habits that render health possible.

Right living and right thinking are important factors to health. Wholesome food, exercise, recreation, cheerfulness, fresh air, sunshine and work are the things for you to use every day and are just as necessary as medicine.

The people who make and sell Tanlac are interested in each and every sufferer. They want you to get over your trouble and be well and strong again. They don't want the Tanlac treatment to fail in a single instance, and they do not believe it will where suffering of any kind results directly or indirectly from disordered stomach, catarrhal conditions of the mucous membranes or liver derangements.

If you are suffering from stomach trouble, be sure to give Tanlac a fair, thorough trial and be convinced of its efficiency.

# May

**P**REPARATION period ends with the last days of MAY: for by the last of the month practically all planting can be finished. It is not too early to begin the study of profitable outlets for prospective crops and animals, making use of the special services furnished by the Government.

Price of cattle usually highest of the year. Sheep generally the lightest.

## Farm Operations

Begin to use ice for cooling milk and cream or cool the milk with spring water.

Seed harvest for crimson clover may begin; save your own seed. Plow down clover for corn crop. Watch young grain for army worms, especially during cool, damp springs. Scatter poisoned bran bait when worms appear. It is easier to kill a thousand young weeds in May than a dozen old weeds in August. Use a weeder. Poisoning boll weevils is as important as cultivation.

## Live Stock

All classes of swine should have access to pastures now. Castrate pigs before weaning for feeders, but allow likely looking breeding boars to grow out. Keep lambs healthy by frequent change to fresh pastures. When shearing be sure the fleeces are not wet. Store wool in a clean dry place. To prevent ticks and lice, dip entire flock about ten days after shearing.

## Poultry

The chief essentials of growing chicks are good coops or houses, cleanliness, proper feed and water, shade and free range. Watch for mites and spray thoroughly with kerosene, crude petroleum, or some commercial spray. Give growing chicks free range on grassland; and allow them free access to a good mash. Provide shade.

## Fruit

The grape-berry moth is controlled by a spray of arsenate of lead, 1½ pounds powder or three pounds of paste to fifty gallons water, applied just after blossoms fall, and repeated in two weeks. Spray plant lice with three-eighths pint nicotine sulphate (40 per cent.), 2 pounds soap, and 50 gallons of water.

The codling moth is the most serious apple insect, and from one to six applications of poison may be required. The most important application is made as soon as blossoms drop. Use arsenate of lead, 1 pound of powder or 2 pounds of paste to 50 gallons of water.

1923



1923

Phas.	BOSTON			NEW YORK			WASH'TON			LATITUDE OF NORTHERN STATES			LATITUDE OF MIDDLE STATES			LATITUDE OF SOUTHERN STATES		
	D.	H.	M.	H.	M.	H.	M.	SUN RISES	SUN SETS	MOON RISES	SUN RISES	SUN SETS	MOON RISES	SUN RISES	SUN SETS	MOON RISES		
L. Q.	7	18	A.	1	18	A.	1	18	A.									
N. Q.	15	5	38	A.	5	38	A.	5	38	A.								
F. Q.	23	9	25	M.	9	25	M.	9	25	M.								
F. M.	30	0	7	M.	0	7	M.	0	7	M.								
D	M	D	W	Historical Events														
1	T			St. Philip and St. James														
2	W			Tornado in Oklahoma, 1920														
3	T			Steamer Columbian burned, 1914														
4	F			Fire in Valparaiso, 1914														
5	S			Earthquake in Costa Rica, 1910														
18. Rogation Sunday. Day's Length—14h. 13m.—14h. 6m.—13h. 35m.																		
6	S			Roumania surr'd to Ger., 1918														
7	M			Rebels occupy Mex. City, 1920														
8	T			Steamer Cymric torpedoed, 1916														
9	W			Earthquake in Italy, 1914														
10	T			Ascension Day														
11	F			Wm. D. Howells died, 1920														
12	S			San Juan bombarded, 1914														
19. Sunday after Ascencien. Day's Length—14h. 29m.—14h. 21m.—13h. 40m.																		
13	S			Cloudburst in S. Dakota, 1920														
14	M			First Liberty Loan, 1917														
15	T			Standard Oil Co. dissolved, 1921														
16	W			Levi P. Morton died, 1920														
17	T			King Alphonso born, 1886														
18	F			Franklin K. Lane died, 1921														
19	S			Chief Justice White died, 1921														
20. Pentecost—Whit Sunday. Day's Length—14h. 43m.—14h. 33m.—13h. 55m.																		
20	S			Pentecost Sunday														
21	M			Pres. Carranza assassinated, 1920														
22	T			United States-Cuban Treaty, '03														
23	W			Ember day														
24	T			Arizona ratified Prohibit., 1918														
25	F			Ember day														
26	S			Ember day														
21. Trinity Sunday. Day's Length—14h. 56m.—14h. 46m.—14h. 4m.																		
27	S			Trinity Sunday														
28	M			Cyclone in Oklahoma, 1912														
29	T			Horace Porter died, 1921														
30	W			Memorial Day														
31	T			Corpus Christi														

# Weather Forecast May, 1923

**S**HOWERY Period—1st to 3rd. Destructive thunderstorms prevail in Kansas, Missouri, Illinois and Indiana. Cloudy and rainy weather over the southern section of the Appalachian mountains. 4th to 8th—Cool Period. An abnormal cool wave will pass over the Northwest, the Lake region and New England. Heavy windstorms in Kansas and Nebraska. 9th to 13th—Fair period. Fine spring weather prevailing in the Eastern and Southern states. Advanced heat wave over Texas, Oklahoma, Kansas and Missouri. 14th to 17th—Rain Period. Heavy rains and floods in the New England states. Occasional thunderstorms in the upper Mississippi and Ohio river valleys. 18th to 23rd—Pleasant Period. Clear and fair weather is the forecast for the Western, Southern and Middle Atlantic states. Cool along the Pacific slope and Rocky mountain region. 24th to 27th—Cloudy Period. Increasing cloudiness, followed by stormy weather on the Great Lakes and along the North Atlantic seaboard. Heavy windstorms in Kansas, Nebraska and the Dakotas. 28th to 31st—Storm Period. Dangerous gales from the Great Lakes region to the North Atlantic seaboard. Dull and foggy in the Gulf and South Atlantic states.

# A Child's Future Depends On Its Health Today

No Childish Ill Should Be Neglected If You Want Your Little Ones To Be Strong and Sturdy When Grown

"MY little girl now romps and plays just like other children." This statement, full of heartfelt gratitude and happiness, has been made often by parents who found Tanlac the very thing needed to revive the drooping bodies and bring the joyous bloom of health to the cheeks of their precious little ones.

This wonderful medicine, which is entirely vegetable and contains no opiates or other dangerous drugs, has proven of inestimable value to thousands of children everywhere and is the family medicine in countless homes throughout the United States, Canada and Mexico.

A child in good health is playful and happy. If this is not the case, there is a cause. This cause may be hidden and remain so until it saps the vitality and makes its little victim pale and anaemic, with not enough life to enjoy the health-building frolics of his or her playmates and too puny to withstand the ravages of the many diseases to which children fall a prey. If a child is pale and "sickly" and out of sorts, if it is cross or cries easily, is moody, listless and weak, and does not want to romp and play like other children, do not lay it to "temperament." Something is wrong. Its vitality should be built up, its body nourished and strengthened. The resiliency of childhood will make it respond quickly when the right thing is done for it.

Tanlac helps to soothe and put in order the delicate little stomach, where most children's complaints originate. It aids the vital organs to perform their duties fully and throw off the poisonous waste matter that clogs the system; it brings back the appetite and aids the stomach to digest the food and properly nourish the body. When this is accomplished, roses return to the cheeks and the desire to romp and play is again evident.

## Happy Over Change

In speaking of the wonderful results obtained from Tanlac in the case of his little girl, Mr. A. M. Blair, 20 Atwood Street, Providence, R. I., said:

"We are so happy over the change Tanlac has made in Blanche that we can't say or do enough to show our appreciation. She had lost nearly twenty pounds and looked so frail and weak that her mother and I were worried almost sick over her condition. Since taking

Tanlac she has already gained ten pounds, her color is better than it ever has been and she looks and acts like a different girl."

Richard Leary, 2342 Palethorpe St., Philadelphia, said: "There is no doubt in my mind that Tanlac saved my little boy's life. He had stomach trouble so bad that many times the gas pressed up into his chest until I thought sure he could breathe but a few gasps more. But Tanlac gave him back to us strong and well and we will praise it to our dying day."

## Seemed Fading Away

Hugh Crawford, 24 Carlton Ave., Brooklyn, N. Y., says:

"Pneumonia left my little son Andrew in such bad shape he seemed to get thinner and paler every day and his nerves were completely shattered. In spite of all we could do he seemed to be fading away right before our eyes. I firmly believe we owe his life to Tanlac. He is now as rosy cheeked and fine a specimen of boyhood as you would care to see."

Little Margaret O'Donnell, daughter of Officer Bernard O'Donnell, of the Philadelphia police department, was remarkably restored by the Master Medicine. "Margaret suffered terribly from indigestion, nervousness, headaches and a general run-down condition," said Mr. O'Donnell.

"She got so pale and weak we were greatly worried about her. But since taking Tanlac, she hasn't a sign of her old troubles left, the color has returned to her cheeks and she feels so fine she is always the leader in romping and playing with other children."

Such unstinted praise, heard on every hand, shows Tanlac to be of the utmost value to young people as well as old.

Nothing is more important than your child's health, as the constitution founded in childhood must carry him through his entire life. Do not raise your child only to have him say: "I can accomplish nothing for lack of a strong body." Keep the little ones sturdy and well.

## Proper Dose For Children

In giving medicines to children the adult dose should always be lessened to conform to the age and size of the child. The proper amount of Tanlac to give an average child from five to ten years of age is one-half teaspoonful in about three large tablespoonfuls of water. From ten to fifteen years of age, one-half to one teaspoonful of Tanlac to a quarter glass of water. Adults take one to two teaspoonfuls in a quarter glass of water.

Tanlac is sold by all good druggists.



MARGARET O'DONNELL

# June

THE keynote of JUNE is cultivation. It gives plants a good start by preventing escape of moisture and competition of weeds. It is part of the defensive campaign against adverse conditions, insects and disease in field and household.

## Plans

Plan an auto trip to see some of the successful farms. Haying time for red and alsike clover. Also time to plan for the seed crop in September. Do not stop cultivating crops too soon.

## Farm Operations

Make sure your binder is in condition; overhaul haying machinery. To destroy grasshoppers scatter poisoned bran bait at rate of 7 to 10 pounds per acre when grasshoppers are young. (June 1 to August 1.)

Recent experiments have shown that larger yields are obtained where alfalfa is not cut until well in bloom. Buckwheat is a good crop for poor lands. It does best where climate is moist and cool. A by-product of a good crop is honey where bees are kept.

## Poultry

Market all under-sized, unthrifty chickens of both sexes. Be sure growing stock is not crowded. Save all early hatched, well-grown pullets. They make the best Fall and Winter layers.

## Live Stock

See that lambs are changed to fresh pasture every two weeks during hot summer months, and avoid loss from stomach worms. Immunize Spring pigs to protect them from cholera. Clean up premises, lime and disinfect. Dip all swine to control lice. Breed sows for Fall litter.

## Fruit

Apple caterpillars may be destroyed by arsenate of lead. If the insects are young, 1 pound of powder or 2 pounds of paste to 50 gallons of water; for older and larger caterpillars use double quantity.

To destroy the grape rootworm, cultivate vineyard during early June. Spray vines as soon as adult beetles appear with arsenate of lead, 1½ pounds powder or 3 pounds paste in 50 gallons of water, or in 50 gallons Bordeaux mixture if fungous diseases are present.

To destroy grape leaf-hopper, spray with 40 per cent. nicotine sulphate, one-fourth pint to 50 gallons soapy water (2 pounds soap), or with 50 gallons Bordeaux mixture, to control fungous diseases. Hit lower sides of leaves forcibly.

1923



1923

J. Phas.	BOSTON		NEW YORK		WASHINGTON		LATITUDE OF NORTHERN STATES	LATITUDE OF MIDDLE STATES	LATITUDE OF SOUTHERN STATES
	D.	H. M.	H. M.	H. M.	H. M.	H. M.			
L. Q.	6	4 19 M.	4	19 M.	4	19 M.			
N. M.	14	7 42 M.	7	42 M.	7	42 M.			
F. Q.	21	3 46 A.	3	46 A.	3	46 A.			
F. M.	28	8 4 M.	8	4 M.	8	4 M.			
<b>Historical Events</b>									
1	F	Race Riots in Tulsa, Okla., 1921							
2	S	Martial Law procl. in Cuba, 1912							
<b>22. 1st Sunday after Trinity. Day's Length—15h. 5m.—14h. 55m.—14h. 11m.</b>									
3	S	Pueblo inundated, 1921							
4	M	Pretoria captured, 1900							
5	T	U. S. Army Registr. Day, 1917							
6	W	Fort Lutsk captured, 1916							
7	T	Earthquake in Mexico, 1911							
8	F	Norway seceded, 1905							
9	S	F. W. Galbraith killed, 1921							
<b>23. 2d Sunday after Trinity. Day's Length—15h. 12m.—15h. 2m.—14h. 16m.</b>									
10	S	Steamer Slavonia sunk, 1909							
11	M	St. Barnabas							
12	T	Sen. Harding nominated, 1920							
13	W	Gen. Gomez died, 1921							
14	T	Mine Explosion in Japan, 1920							
15	F	Flood in Paris, 1913							
16	S	Ohio rat. Wom. Suffrage, 1919							
<b>24. 3d Sunday after Trinity. Day's Length—15h. 16m.—15h. 5m.—14h. 18m.</b>									
17	S	Fire at Santiago, Cuba, 1920							
18	M	State Militias mobilized, 1916							
19	T	Battleship Arizona launched, '15							
20	W	Cloudburst in Breslau, 1912							
21	T	Franz von Suppe died, 1905							
22	F	Railroad Collision in Ind., 1918							
23	S	Summer begins							
<b>25. 4th Sunday after Trinity. Day's Length—15h. 17m.—15h. 6m.—14h. 19m.</b>									
24	S	St. John, Baptist							
25	M	Massachusetts rat. W. Suff. 1919							
26	T	Steamer Fitzroy sunk, 1921							
27	W	U. S. Troops in France, 1917							
28	T	Charles J. Bonaparte died, 1921							
29	F	St. Peter and St. Paul							
30	S	Wm. H. Taft Chief Justice, 1921							

# Weather Forecast June, 1923

**P**LEASANT Period—1st to 4th. Fine seasonable weather over the Central and Middle Atlantic states. Clear and cooler in North and South Dakota, Minnesota, Wisconsin and Michigan. 5th to 7th—Sultry Period. Hot and sultry weather over Alabama, Mississippi, eastern Kentucky and Tennessee. Sweltering conditions in the New England and Middle Atlantic states. 8th to 11th—Rain Period. Showers and thunderstorms in the Southern states and along the North Atlantic seaboard. Rain and hail storms in the Great Lakes region and the Northwest. 12th to 16th—Pleasant Period. Clear and pleasant conditions prevail in most sections of the country, except along the South Atlantic seaboard and the East Gulf states. 17th to 22d—Warm Period. Higher range of temperature at all points in the Middle Atlantic and New England states. Prostrating heat in the Gulf and South Atlantic states. 23d to 27th—Rain Period. General rains in the upper Mississippi valley, the Great Lakes region and Middle Atlantic states. Local showers in Florida, Georgia and Alabama. 28th to 30th—Cloudy Period. Cloudy, stormy and generally unsettled weather in the St. Lawrence river valley and New England states.

# Jolly Games for the Children

## Tar Baby

**T**HIS game is played with a soft ball or bean bag. One player must be "IT." Each of the others places his hat on the ground and stands by it. The player who is IT drops the ball into one of the hats. All the players run as fast as they can in any direction until the one into whose hat the ball was dropped picks the ball up and calls, "Halt!" Everyone must stop in his tracks, while the player with the ball throws it at the one nearest him. If he hits the other player, that one must then pick up the ball and call, "Halt!" He then throws the ball at the one nearest him. If the one who throws the ball misses his mark, he has to continue being "IT," and every time he misses he gets a "tar baby"—(a small rock)—dropped into his hat. The first player to get five "tar babies" in his hat must stand twenty paces away with his back turned and give each of the other contestants a free "throw" at him.

## Store

You will find it fun on rainy days, when you must play indoors, to gather up odds and ends, cut up paper for money, and play "Store."

## Throw the Stick

Select a stick a foot or two long. Select a place for "Home Base." Someone then throws the stick as far as possible. The one who is IT must recover the stick and return it to "home," while the others hide. The player who is IT must then find the others and beat them back to Home. Anyone beating him back gets "home free." The first one caught must be IT next time.

## Stealing Steps

The player who is IT turns his back to the other players, who stand 20 or 30 feet back of him in a line. He counts out aloud to ten. While he is counting the other players can move toward him, but must stop in their tracks and not move after the counting stops and the player whirls around. Any one seen moving by the counter must go back to the starting place. The first player to reach the counter's side is IT next time.

## French Marbles

Each player (two or more) takes a marble. The first pitches his marble out six or eight feet. The second player pitches his and tries to hit the marble of the first player. He throws hard, so his marble will not stop too close to the first player's marble whether or not he hits it. The third player can throw at either of the others. A hit marble belongs to the one who hits it. The game goes on indefinitely. Each player follows the marble from place to place, and throws from the place the marble stops.

## Hully, Hully, Handful

Give each player an equal number of dry peas, beans, marbles, or something similar. One player takes a certain number secretly and shakes them in his hand, saying, "Hully, hully, handful! How many beans have I?" Each of the others must guess. The ones who guess incorrectly must give him a bean for every one they miss. If a player guesses correctly, the one who shook the handful must give that player the number he guesses.



By CORINNE CHISHOLM

## Boomerang

Take a fairly heavy piece of cardboard about a foot square and cut it in the shape of the Red Cross emblem, that is, with four arms sticking out at right angles and a small square in the center. When sailed into the air, if properly balanced, this

Boomerang will curve and return to the spot from which it is thrown. A more substantial one may be made by taking two light sticks about sixteen inches long, laying one across the other at right angles, and tacking them smoothly together.

## Ring the Post

Take two old wooden or wire hoops, drive a peg into the ground, stand about ten feet away and take turns tossing the hoops and trying to ring the post. You get three points every time you ring it, and the first one to get twenty-one points wins the game.

## Tag

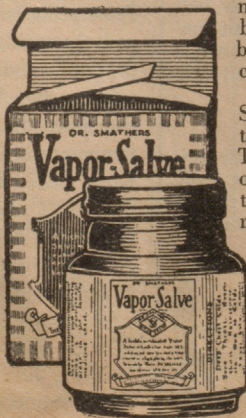
Here is a new kind of Tag. The player who is IT chases the others until he tags someone, who, in turn, must tag someone else; BUT, he must hold his hand on the place he was tagged. This is handicap enough to make it hard for the fastest players to catch the slowest.

## Fox and Hounds

The "fox" starts several minutes ahead of the "hounds" and with the aid of a sack with a hole in it filled with small bits of paper, leaves a faint trail for the "hounds" to follow. The first to find the "fox" is "fox" next time.

## DR. SMATHERS' VAPOR SALVE

**A**N external treatment for colds, sore throat, soreness or tightness in the chest, spasmodic croup, bronchitis, etc. Also especially recommended as a healing, pain-relieving, antiseptic salve for burns, neuralgia and rheumatic pains, lumbago, pains or aches of the back or joints, stiff



neck, sprains, sore muscles, bruises, chilblains, sunburn, sore feet, insect bites, chapped hands or face.

Dr. Smathers' Vapor Salve is composed of Menthol, Camphor, Thymol, Turpentine, Eucalyptus and other old-fashioned and time-tested ingredients of recognized therapeutic value.

For deep chest colds, sore throat, bronchitis, hoarseness, Vapor Salve should be rubbed on the chest and throat until the skin becomes red; then covered with warm flannels.

# July

**I**N spite of hot sun and drying winds, luxuriant growth marks July. Everything should be done to see that plant growth is not checked. Comfort should be given to man and beast. Fly prevention and control go a long way. Anything conducive to coolness is welcome, whether fruit-juice beverages, or visits to the old swimmin' hole.

## Plans

Make preparations for repairing and painting. Plan your building improvements well in advance of the slack time in farm work. Consider rye for Fall planting. Tree surgery can be done successfully by any one who can follow printed directions.

## Farm Operations

Take out stumps and rocks during next two months. Build and repair artificial shades and shelters in lots and pastures. Farm implements, as a rule, don't wear out, they rust out. Make sure your binder is in condition for operation. Clean out and repair granaries. Support campaigns to kill out the Angoumois grain moth; prompt harvesting, threshing, and storing in deep tight bins or in tight sacks is effective. Mammoth clover seed and some alsike clover seed may be harvested this month; cut early in the morning.

To eradicate the Hessian fly, plow down stubble soon after harvest where practicable. (July 1st to August 15th); destroy volunteer wheat by disking or plowing (July 1st to August 15th). Practice crop rotation.

Beans, peas, and cowpeas are damaged in storage and fields by weevils. Harvest the crop as soon as it is mature, thresh or shell the seeds and treat by fumigation heat, or cold storage. Vetch and rye grown as a combination crop are well suited for either green manure or hay.

Do not expect to eradicate boll weevils by poisoning with calcium-arsenate. Poisoning merely controls them sufficiently to permit a full crop of cotton to develop.

## Live Stock

Supply sheep with cool, shady pastures and see that they have good water. If a good pure-bred ram is not already on hand, get one for Fall breeding season.

## Poultry

Be on the lookout for mites. Be sure chickens and hens have plenty of fresh drinking water; keep water dishes clean and provide plenty of ventilation in the houses. Cull and market any hens which molt at this time; they are unprofitable to keep.



Phas.	BOSTON		NEW YORK		WASH'TON		LATITUDE OF NORTHERN STATES	LATITUDE OF MIDDLE STATES	LATITUDE OF SOUTHERN STATES						
	D. H. M.	H. M. A.	H. M. A.	H. M. A.	H. M. A.	H. M. A.									
L. O.	5	8 56 A.	8 56 A.	8 56 A.	8 56 A.	8 56 A.									
N. M.	13	7 45 A.	7 45 A.	7 45 A.	7 45 A.	7 45 A.									
F. O.	20	8 32 A.	8 32 A.	8 32 A.	8 32 A.	8 32 A.									
F. M.	27	5 33 A.	5 33 A.	5 33 A.	5 33 A.	5 33 A.									
<b>Historical Events</b>															
<b>26. 5th Sunday after Trinity. Day's Length—15h. 14m.—15h. 3m.—14h. 18m.</b>															
1	S	Battle of Santiago, 1898					4 26	7 40	9 51	3 4 32	7 35	9 48	4 54	7 12	9 39
2	M	Harding signs Peace Resol., '21					4 26	7 40	10 25	4 4 32	7 35	10 23	4 55	7 12	10 17
3	T	John F. Wallace died, 1921					4 27	7 40	10 56	4 4 33	7 35	10 55	4 55	7 12	10 52
4	W	Independence Day					4 27	7 40	11 25	4 4 33	7 34	11 25	4 56	7 12	11 25
5	T	Huerta elected President, 1914					4 28	7 40	11 52	4 4 34	7 34	11 53	4 56	7 12	11 56
6	F	Hawaii ceded to U. S., 1898					4 29	7 40	morn	4 4 34	7 34	morn	4 57	7 11	morn
7	S	Tornado in Cincinnati, 1915					4 29	7 40	0 21	4 4 35	7 34	0 23	4 57	7 11	0 30
<b>27. 6th Sunday after Trinity. Day's Length—15h. 9m.—14h. 57m.—14h. 13m.</b>															
8	S	Cruiser Amalfi sunk, 1915					4 30	7 39	0 51	5 4 36	7 33	0 53	4 58	7 11	1 4
9	M	National Guard mobilized, 1917					4 30	7 39	1 23	5 4 37	7 33	1 26	4 58	7 11	1 10
10	T	Russians capture Halicz, 1917					4 31	7 38	1 59	5 4 37	7 33	2 3	4 59	7 11	2 49
11	W	Venice bombarded, 1915					4 32	7 38	2 40	5 4 38	7 32	2 44	4 59	7 10	3 2
12	T	Dr V. C. Price died, 1914					4 33	7 38	3 27	5 4 38	7 32	3 31	5 0	7 10	3 50
13	F	Sen. Lorimer expelled, 1912					4 33	7 37	sets	5 4 39	7 32	sets	5 0	7 10	sets
14	S	Lieut. Q Roosevelt killed, 1918					4 34	7 37	7 54	6 4 40	7 31	7 50	5 1	7 9	7 37
<b>28. 7th Sunday after Trinity. Day's Length—15h. 1m.—14h. 51m.—14h. 8m.</b>															
15	S	Gen. Huerta resigned, 1914					4 35	7 36	8 37	6 4 40	7 31	8 34	5 1	7 9	8 23
16	M	Earthquake in Los Angeles, 1920					4 36	7 35	9 15	6 4 41	7 30	9 13	5 2	7 9	9 4
17	T	Franco-German War, 1870					4 36	7 35	9 49	6 4 42	7 29	9 48	5 3	7 8	10 22
18	W	Marshal Foch beg. Offensive, '18					4 37	7 34	10 58	6 4 43	7 29	10 23	5 3	7 8	10 22
19	T	Race Riots in Washington, 1919					4 38	7 34	10 58	6 4 43	7 28	10 59	5 4	7 7	11 9
20	F	Gov. Len Small indicted, 1921					4 39	7 33	11 33	6 4 44	7 27	11 35	5 5	7 7	11 42
21	S	Château Thierry captured, 1918					4 40	7 32	morn	6 4 45	7 27	morn	5 5	7 6	morn
<b>29. 8th Sunday after Trinity. Day's Length—14h. 50m.—14h. 40m.—14h. 0m.</b>															
22	S	James W. Riley died, 1916					4 41	7 31	0 11	6 4 46	7 26	0 14	5 6	7 6	0 26
23	M	Cardinal Gibbons born, 1834					4 42	7 30	0 53	6 4 47	7 25	0 56	5 7	7 5	1 12
24	T	Georgia def. Wom. Suff., 1919					4 43	7 29	1 39	6 4 48	7 24	1 43	5 7	7 5	2 1
25	W	St. James					4 44	7 29	2 30	6 4 48	7 23	2 34	5 8	7 4	2 53
26	T	Typhoon in Luzon, 1920					4 45	7 28	3 27	6 4 49	7 22	3 31	5 9	7 4	3 50
27	F	Race Riots in Chicago, 1919					4 46	7 27	rises	6 4 50	7 22	rises	5 9	7 3	rises
28	S	Arkansas rat. Wom. Suff., 1919					4 47	7 26	7 47	6 4 51	7 21	7 44	5 10	7 2	7 33
<b>30. 9th Sunday after Trinity. Day's Length—14h. 37m.—14h. 28m.—13h. 51m.</b>															
29	S	Warsaw evacuated, 1915					4 48	7 25	8 22	6 4 52	7 20	8 20	5 10	7 1	8 12
30	M	Explosion in New Jersey, 1916					4 49	7 24	8 55	6 4 53	7 19	8 54	5 11	7 1	8 49
31	T	Fire in New Orleans, 1920					4 50	7 23	9 26	6 4 54	7 18	9 25	5 12	7 0	9 24

# Weather Forecast July, 1923

**C**LOUDY Period—1st to 5th. Much cloudy and warmer weather in the Central and Eastern states. Dreary along the South Atlantic states and the Florida peninsula. 6th to 8th—Sultry Period. Prostrating heat over all Southern, Central and Eastern sections. Cloudy and threatening in the lower Mississippi valley states. 9th and 10th—Storm Period. Severe storm period prevailing from the Rocky mountains to the Atlantic ocean. Heavy damage from wind, lightning, rain and hail. 11th to 16th—Pleasant Period. Clear weather and stationary temperature west of the Rocky mountains. Increasing cloudiness in the Great Lakes region, St. Lawrence river valley and New England states. 17th to 23rd—Warm Period. Clear and warmer in Missouri, Kansas, Oklahoma, Arkansas and the Gulf states. Hot and sultry along the entire Atlantic coast plain. 24th and 25th—Rain Period. General rains prevailing from the Appalachian mountain region westward to the Rocky mountains. Damp and cloudy in the Middle and South Atlantic states. 26th to 31st—Fair Period. Generally seasonable weather will prevail in Iowa, Illinois, Indiana and Kentucky. Clear and warmer in the extreme southern and western sections.

## MILE POSTS ON THE PATH OF PROGRESS

**I**N 1752 Benjamin Franklin discovered that lightning was identical with electricity.

The steam engine was perfected by Watt in 1773.

Eli Whitney invented the cotton gin in 1793.

S. F. B. Morse invented the telegraph in 1835.

The first successful reaper operated by horse power was invented by Cyrus H. McCormick in 1834.

The binder was invented by John Heath in 1860.

Charles Goodyear discovered how to vulcanize rubber in 1839.

The first sleeping car was planned by a man named Woodruff in 1856, but it was displaced by the car invented by Pullman in 1863.

The first passenger elevator was invented by Elisha G. Otis in 1863.

The revolver (pistol) was invented by Colt in 1835.

George Westinghouse invented the air-brake in 1869.

The first successful sewing machine was invented by Elias Howe in 1846.

The roller mill for crushing wheat was the invention of F. Wegmann in 1875.

The telephone was invented by Alexander Graham Bell in 1876.

Ottmar Mergenthaler invented the typesetting machine in 1885.

The first practical typewriter was invented by Christopher Sholes in 1878.

Orville and Wilbur Wright were the first to fly in a machine heavier than air in 1908.

The incandescent light was invented by Thomas A. Edison in 1880.

The talking machine was invented by Thomas A. Edison in 1878.

The motion picture is also a product of Edison's genius. It was invented by him in 1893.

Transparent photograph film was invented by Eastman in 1888.

The cash register was invented by Patterson in 1885.

# Quitting Time

*is just  
"beginning time"  
with me*



## What Does 5 O'clock Mean to You?

**A**RE you like the man in the picture, happy in the possession of good health and anticipation of a hearty meal and a pleasant evening—or are you just too tired out to move after a day's work?

There is no need for you to drag along in a wretched, run-down condition when the ideal medicine is at hand at a cost too small to mention.

You need TANLAC!

This splendid tonic medicine, through its helpful action on the digestive organs, increases your energy and so builds you up that, even after the hardest day's work, you are keen for the enjoyment your leisure hours promise.

Join the millions who have refound the joys of vigorous health by taking—

### 30 Million Bottles Sold

Although placed on the market less than eight years ago, over 30 million bottles of TANLAC have been sold throughout the United States, Canada, Mexico and Cuba, and the demand is constantly increasing.

Thousands of men and women, in all walks of life, who have taken this splendid tonic medicine, report that they have been greatly benefited by its use.

TANLAC is purely vegetable, being composed of extracts of some of the most beneficial roots, herbs and barks known to science.

# TANLAC

*Has the Largest Sale in the World*

# August

**AUGUST** is marked by various activities, with no great outstanding farm operations. A slight let-up allows for a picnic, or just to "go fishin'." Pastures are full; drains and fences may be fixed; it is well to get ready for later harvests, and to provide barrels, boxes, and bags. The garden is yielding abundantly and canning holds sway in the household.

## Plans

Figure on ordering lime to put on wheat ground. In preparation for next year, if you have a cold spring arrange to pipe the water to cooling tanks in which cans of milk may be set.

Marketing Receipts of packer sows heavy at all markets. Average weight of hogs usually heaviest through September may exceed August average.

## Farm Operations

Repair fences; clean up feeding floors, pens and paddocks. Harvest sweet clover seed; watch the second crop of red clover toward end of month. If it fills well, it will pay to leave it for seed; if not, better cut for hay. Sow for cover crop. Seed alfalfa and grasses for next season during this month, or when proper in your locality. Don't crack barley in threshing.

## Poultry

Market surplus cockerels as soon as they are large enough. Market any hens molting to any great extent in this month. Put nests in houses occupied by pullets. A few may begin to lay and eggs laid on the floor are likely to get broken and lead to the habit of egg eating.

Figure on seeding down poultry yards or runs which are not in permanent sod. Rye, winter oats and winter wheat are good crops.

## Live Stock

Owners of tuberculosis-free herds should not show animals at Fairs where untested cattle occupy the same buildings. Hogging down crops is a way to grow pork with less labor. Have a good pasture for breeding ewes to feed on during breeding season. Ewes that are thin should be on pasture three weeks before rams are turned in.

## Fruit

To destroy the peach-tree borer, worm young tree under six years old with a wire and knife in the fall.

If bunches of grapes are tied up in stout bags they will not only be protected from birds, but will ripen more evenly and be more perfect.

1923		August												1923	
Phas.	BOSTON	NEW YORK	WASH'TON	LATITUDE OF NORTHERN STATES			LATITUDE OF MIDDLE STATES			LATITUDE OF SOUTHERN STATES					
L. Q.	D. H. M.	H. M.	H. M.	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises			
N. M.	4 2 22 A.	2 22 A.	2 22 A.	h m	h m	h m	h m	h m	h m	h m	h m	h m			
F. Q.	19 1 7 M.	1 7 M.	1 7 M.	h m	h m	h m	h m	h m	h m	h m	h m	h m			
S. M.	26 5 29 M.	5 29 M.	5 29 M.	h m	h m	h m	h m	h m	h m	h m	h m	h m			
<b>Historical Events</b>															
1	W	London Police Strike, 1919		4 51	7 21	9 55	6 4 55	7 17	9 55	5 12	6 59	9 58			
2	T	Enrico Caruso died, 1921		4 52	7 20	10 23	6 4 56	7 16	10 24	5 13	6 58	10 30			
3	F	France decl. War on Ger., 1914		4 53	7 19	10 52	6 4 57	7 15	10 54	5 14	6 57	11 3			
4	S	Americans take Fismes, 1918		4 54	7 17	11 23	6 4 58	7 14	11 26	5 15	6 57	11 38			
<b>31. 10th Sunday after Trinity.</b>				<b>Day's Length—14h. 21m.—14h. 18m.—13h. 41m.</b>											
5	S	Severe Storm in Ohio, 1919		4 55	7 16	11 57	6 4 59	7 12	morn	5 15	6 56	morn			
6	M	Steamer Alaska wrecked, 1921		4 56	7 15	morn	6 5 0	7 11	0	5 16	6 55	0 16			
7	T	Monten. decl. War on Aus., 1914		4 57	7 14	0 35	6 5 1	7 10	0 39	5 17	6 54	0 56			
8	W	Louisiana ratified Prohib., 1918		4 58	7 12	1 18	6 5 2	7 9	1 22	5 17	6 53	1 42			
9	T	Italians take Goritz, 1916		4 59	7 11	2 8	6 5 3	7 8	2 12	5 18	6 52	2 31			
10	F	France decl. War on Austria, 14		5 0	7 10	3 4	6 5 4	7 6	3 8	5 19	6 51	3 26			
11	S	Andrew Carnegie died, 1919		5 1	7 8	4 5	6 5 5	7 5	4 9	5 19	6 50	4 25			
<b>32. 11th Sunday after Trinity.</b>				<b>Day's Length—14h. 5m.—13h. 59m.—13h. 29m.</b>											
12	S	Engl d decl. War on Aust., 1914		5 2	7 7	sets	5 5 5	7 4	sets	5 20	6 49	sets			
13	M	Gov. Sulzer impeached, 1913		5 3	7 6	7 50	5 5 6	7 2	7 48	5 21	6 48	7 43			
14	T	China decl d War on Ger., 1917		5 4	7 4	8 26	5 5 7	7 1	8 25	5 21	6 47	8 24			
15	W	Pope's Peace Appeal, 1917		5 5	7 3	9 0	4 5 8	7 0	9 0	5 22	6 46	9 3			
16	T	King Peter died, 1921		5 6	7 1	9 35	4 5 9	6 58	9 36	5 23	6 45	9 43			
17	F	Fire in Brooklyn, 1921		5 7	7 0	10 13	4 5 10	6 57	10 15	5 24	6 44	10 26			
18	S	Tennessee rat. Wom. Suff, 1920		5 8	6 58	10 53	4 5 11	6 55	10 56	5 24	6 43	11 10			
<b>33. 12th Sunday after Trinity.</b>				<b>Day's Length—13h. 48m.—13h. 42m.—13h. 17m.</b>											
19	S	Steamer Arabic sunk, 1915		5 9	6 57	11 37	4 5 12	6 54	11 41	5 25	6 42	11 58			
20	M	Str. Superior City sunk, 1920		5 11	6 55	morn	5 5 13	6 53	morn	5 26	6 41	morn			
21	T	Poles take Soldau, 1920		5 12	6 54	0 26	5 5 14	6 51	0 30	5 26	6 40	0 49			
22	W	British capture Albert, 1918		5 13	6 52	1 00	5 5 15	6 50	1 24	5 27	6 39	1 43			
23	T	Japan decl'd War on Ger., 1914		5 14	6 51	2 18	5 5 16	6 48	2 22	5 28	6 37	2 40			
24	F	St. Bartholomew		5 15	6 49	3 19	5 5 17	6 47	3 23	5 28	6 36	3 39			
25	S	Peter C. Hewitt died, 1921		5 16	6 48	4 22	5 5 18	6 45	4 25	5 29	6 35	4 39			
<b>34. 13th Sunday after Trinity</b>				<b>Day's Length—13h. 29m.—13h. 25m.—13h. 4m.</b>											
26	S	Math. Erzberger assass., 1921		5 17	6 46	rises	5 5 19	6 44	rises	5 30	6 34	rises			
27	M	Aus. decl'd War on Japan, 1914		5 18	6 44	7 25	5 5 20	6 42	7 24	5 30	6 32	7 22			
28	T	French take Chaules, 1918		5 19	6 43	7 55	5 5 21	6 41	7 55	5 31	6 31	7 56			
29	W	Japan annexed Korea, 1910		5 20	6 41	8 24	5 5 22	6 39	8 25	5 32	6 30	8 29			
30	T	Austria decl'd War on Belg., 1914		5 21	6 40	8 53	5 5 23	6 37	8 55	5 32	6 29	9 2			
31	F	Count von Buelow died, 1921		5 22	6 38	9 23	5 5 24	6 36	9 25	5 33	6 27	9 36			

# Weather Forecast August, 1923

**P**LEASANT Period—1st to 4th. Clear and pleasant in the Northwest and upper Mississippi valley. Seasonable weather at all points east of the Mississippi river. 5th to 9th—Hot Period. Sultry and threatening weather throughout the East and South. Extremely high temperature in Montana, Nebraska and both Dakotas. 10th to 12th—Showery Period. Showers and thunderstorms in the Ohio river valley and Middle Atlantic states. Destructive windstorms along the South Atlantic coast. 13th to 16th—Fair Period. Clear and fair weather will prevail in the upper Mississippi and Ohio river valleys and South Atlantic states. Heavy fog in the region of the Great Lakes. 17th to 21st—Warm Period. Clear and warmer in the West and Northwest, the Great Lakes region and St. Lawrence river valley. Rain in Arizona, New Mexico and California. 22nd to 25th—Sultry Period. Sultry and threatening weather will prevail throughout the East and South. Hot winds throughout Kansas, Nebraska and both Dakotas. 26th to 31st—Cloudy Period. Increasing cloudiness and fair weather from the Gulf to the New England states. Cool and pleasant in the Lake region and St. Lawrence river valley.

# Action of Tanlac on Human System Explained

World's Leading Authorities Show Just What Tanlac Really Is and Explain Effect of the Eight Ingredients on Human System---Power of the Medicine is Conclusively Proven.

**T**HE enormous demand for Tanlac and the phenomenal success it has achieved have been a subject for discussion among all classes ever since the medicine was placed on the market eight years ago.

A day never passes but what thousands of people ask the questions: What is Tanlac? Why its phenomenal success? Why do we hear so much about it? and, Why has this preparation so far outstripped all other medicines of its kind? To answer these questions is easy, and can be given in just one word—merit.

Tanlac is scientifically compounded and represents years of work, study, experimentation and research by able and experienced chemists and pharmacologists. The Tanlac formula complies with all National and State pure food and health laws of the United States and Canada. It is purely vegetable, being made from extracts of some of the most beneficial roots, herbs and barks known to science.

## Eight Ingredients

Altogether, there are eight ingredients in Tanlac, each of which is of recognized therapeutic value.

In referring to one of the most important ingredients of Tanlac, the Encyclopedia Britannica says: "It has long been the source of the most valuable tonic medicines that have ever been discovered."

In referring to other of the general tonic drugs contained in Tanlac, the Thirteenth edition of Potter's Therapeutics, a standard medical text-book, states that "they impart general tone and strength to the entire system, including all organs and tissues."

This same well-known authority, in describing the physiological action of still another of the ingredients of Tanlac and which is of value in treating what is commonly known as a "run-down

condition," uses the following expression: "It is highly esteemed in loss of appetite during convalescence from acute diseases."

There are certain other elements in Tanlac which because of their influence upon the appetite, digestion, assimilation and elimination, improve the nutrition of the body and produce that state of tonicity called health.

The United States Dispensary makes the following comment regarding another ingredient: "It may be used in all cases of pure debility of the digestive organs, or where a general tonic impression is required."

There are certain other ingredients described in the Dispensary, and in other standard medical text-books, as having a beneficial action upon the organs of secretion, whose proper functioning results in a purification of the blood streams passing through them. In this manner, objectionable and poisonous ingredients of the blood are removed and the entire system invigorated and vitalized.

## Tonic and Body Builder

Tanlac was designed primarily for the correction of disorders of the stomach, liver and bowels. At the same time, however, it is a powerful reconstructive tonic and body builder, for it naturally follows that any medicine that brings about proper assimilation of the food and the thorough elimination of the waste products must, therefore, have a far-reaching and most beneficial effect upon the entire system.

Tens of thousands of men and women, of all ages and in all walks of life, afflicted with stomach and liver disorders, some of them of long standing, as well as thousands of weak, thin, nervous men and women apparently on the verge of collapse, have testified publicly and over their own signatures, that they have been fully restored to their normal health, strength and weight—and to happiness—by the use of Tanlac.



**Nature's Greatest Tonic**

# September

SEPTEMBER is the month of fruitfulness. Barns, silos, cribs, bins and barrels are filled. Crops move to market. Everything is made shipshape for winter. Let every member of the family visit the Fair, preferably as an exhibitor. Even if no prize is won, you at least give the winner that much more competition.

## Plans

Study market conditions so that next year's work will bring greater returns. Encourage boys and girls to complete high-school education, help the boy to plan his vocational agricultural school study; every school should take part in the agricultural exhibits.

Timothy seeded alone in early September will produce a crop of clean timothy hay the next season.

## Marketing

Good beef steers usually sell at the highest price of the year. Hog prices generally reach highest point of the year, and receipts are lightest.

## Farm Operations

The corn binder saves time but does not materially reduce the cost of harvesting corn as compared with hand cutting. Most red-clover seed should be cut this month. If the weather is wet don't forget to turn the windrows, so that the seed will not sprout and spoil. In the South red clover may be seeded for a winter crop. Harvest hemp for fibre. (Michigan, Wisconsin, California.)


Fall-sown oats outyield the spring-sown crop in the Southeastern States. They also provide a winter cover for the land and some pasture for stock. Fulghum and Red Rustproof are the best varieties.

## Poultry

All hens not to be carried for another year should be marketed before the end of this month. Keep pullets separate from old hens so they may be fed and handled separately. Put the henhouses in shape for winter; give a thorough cleaning and spray the whole interior with a disinfectant, or whitewash it. If the henhouse has a dirt floor remove the top 3 or 4 inches and replace with fresh dry earth, sod or gravel. Look out for crowding in the young stock. Crowding is apt to lead to the development of colds.

## Live Stock

Silo-filling time. Arrange for Fall farrowing of sows. Prepare hog pens by careful cleaning and repairing. Put pig rails or fenders firmly in position.



Phas.		BOSTON	NEW YORK	WASH'TON	MOON'S SIGNS.	LATITUDE OF NORTHERN STATES			LATITUDE OF MIDDLE STATES			LATITUDE OF SOUTHERN STATES				
L.	Q.	D. H. M.	H. M.	H. M.		Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises		
3	7	47 M.	7 47 M.	7 47 M.												
10	3	53 A.	3 53 A.	3 53 A.												
17	7	4 M.	7 4 M.	7 4 M.												
24	8	16 A.	8 16 A.	8 16 A.												
Historical Events																
1	S	Bulg. decl. War on Roum., 1916				5 23	6 36	9 56	0	5 25	6 34	9 59	5 34	6 26	10 13	
35. 14th Sunday after Trinity. Day's Length—13h. 10m.—13h. 6m.—12h. 51m.																
2	S	Sedan surrendered, 1870				5 24	6 34	10 32	0	5 26	6 32	10 36	5 34	6 25	10 52	
3	M	Pope Benedict XV. elect., 1914				5 25	6 33	11 12	1	5 27	6 31	11 16	5 35	6 24	11 34	
4	T	Bomb Expl. Chicago P. O., 1918				5 26	6 31	11 58	1	5 28	6 29	morn	5 36	6 22	morn	
5	W	Fire in Hot Springs, 1913				5 27	6 29	morn	1	5 29	6 28	0	2	5 36	6 21	0 21
6	T	President McKinley shot, 1901				5 28	6 28	0 50	1	5 30	6 27	0	54	5 37	6 20	1 13
7	F	John G. Whittier died, 1892				5 29	6 26	1 47	2	5 31	6 25	1 51	5 37	6 19	2 3	
8	S	Minnesota rat. Wom. Suff. 1919				5 30	6 24	2 49	2	5 32	6 23	2 52	5 38	6 17	3 9	
36. 15th Sunday after Trinity. Day's Length—12h. 51m.—12h. 48m.—12h. 37m.																
9	S	E. H. Harriman died, 1909				5 32	6 23	3 57	2	5 33	6 21	4 0	5 39	6 16	4 12	
10	M	San Antonio inundated, 1921				5 33	6 21	sets	3	5 34	6 19	sets	5 39	6 14	sets	
11	T	George P. Wetmore died, 1921				5 34	6 19	6 58	3	5 35	6 18	6 58	5 40	6 13	6 58	
12	W	Americans take St. Mihiel, 1918				5 35	6 17	7 34	4	5 36	6 16	7 35	5 41	6 12	7 40	
13	T	Fire in Long Island City, 1919				5 36	6 16	8 11	4	5 37	6 15	8 13	5 41	6 11	8 22	
14	F	President McKinley died, 1901				5 37	6 14	8 51	4	5 38	6 13	8 54	5 42	6 9	9 7	
15	S	Battle of Soissons, 1914				5 38	6 12	9 35	5	5 39	6 11	9 39	5 43	6 8	9 55	
37. 16th Sunday after Trinity. Day's Length—12h. 31m.—12h. 29m.—12h. 23m.																
16	S	Explosion in New York, 1920				5 39	6 10	10 23	5	5 40	6 9	10 27	5 43	6 6	10 45	
17	M	Seth Low died, 1916				5 40	6 9	11 16	5	5 41	6 8	11 20	5 44	6 5	11 39	
18	T	Germans bombard Reims, 1914				5 41	6 7	morn	6	5 42	6 6	morn	5 45	6 4	0 36	
19	W	Ember day				5 42	6 5	0 13	6	5 43	6 5	0 17	5 45	6 3	morn	
20	T	Flood in India, 1915				5 43	6 3	1 13	6	5 44	6 3	1 17	5 46	6 1	1 34	
21	F	St. Matthew. Ember day				5 44	6 2	2 13	7	5 45	6 1	2 16	5 46	6 0	2 31	
22	S	Ember day				5 45	6 0	3 13	7	5 46	5 59	3 16	5 47	5 58	3 27	
38. 17th Sunday after Trinity. Day's Length—12h. 11m.—12h. 11m.—12h. 9m.																
23	S	Autumn begins				5 47	5 58	4 14	7	5 47	5 58	4 16	5 48	5 57	4 23	
24	M	Germans attack Dvinsk, 1915				5 48	5 56	5 15	8	5 48	5 56	5 16	5 48	5 56	5 20	
25	T	John M. Palmer died, 1900				5 49	5 54	rises	8	5 49	5 55	rises	5 49	5 55	rises	
26	W	Fire in Maurer, N. J., 1920				5 50	5 52	6 54	8	5 50	5 53	6 55	5 50	5 53	7 2	
27	T	Bulgaria seeks Armistice, 1918				5 51	5 51	7 24	9	5 51	5 51	7 26	5 50	5 52	7 36	
28	F	Omaha Race Riots, 1919				5 52	5 49	7 55	9	5 52	5 49	7 58	5 51	5 50	8 11	
29	S	Michaelmas day				5 53	5 47	8 29	9	5 53	5 48	8 32	5 51	5 49	8 49	
39. 18th Sunday after Trinity. Day's Length—11h. 51m.—11h. 52m.—11h. 50m.																
30	S	Fire in Galveston, 1920				5 54	5 45	9 8	10	5 54	5 46	9 12	5 52	5 48	9 30	

## Weather Forecast September, 1923

**F**OGGY Period—1st to 3rd. Heavy fog in the Gulf states and along the South Atlantic coast. Blustery conditions in the New England states and St. Lawrence river valley. 4th to 8th—Pleasant Period. Fine and cooler weather in the region of the Great Lakes and Northwestern states. Partly cloudy and warmer in the Gulf states. 9th to 13th—Rain Period. Rainstorms general in Texas, Oklahoma, Kansas, Nebraska, Missouri and Iowa. Dangerous gales over Appalachian mountain regions and Middle Atlantic states. 14th to 18th—Cool Period. Cool and frosty in the extreme northwestern part of the country. Sudden squalls on the Great Lakes and St. Lawrence river. 19th to 23rd—Storm Period. General rains in the upper Mississippi valley, the region of the Great Lakes and Canadian provinces. Heavy gales along the North Atlantic coast. 24th to 26th—Frosty Period. Severe frosts at many points in the North and West. Blustery conditions along all coastal lines and in the Great Lakes region. 27th to 30th—Cloudy Period. Generally cloudy conditions prevail in many sections of the South and along the Middle Atlantic coast. Cool and frosty in the New England states.

# When Loss of Sleep Tells On You, It Is Nature's Warning

The Strength Should be Conserved and Nature Aided in Keeping the Body Strong and Elastic. Missouri Electrical Engineer Tells How Tanlac Restored His Strength and Vitality.

"I CAN'T lose sleep like I used to and still feel fine the next day," is a remark often heard from men between thirty and forty years of age.

This is nature's danger signal that the peak of physical manhood has been passed, the marvelous recuperative power of youth is gone and one must work to conserve the strength instead of tearing it down. It takes longer to rest and repair the muscles and tissues exhausted by loss of sleep or by the day's grind in office or shop; the vital organs have slowed up and nature often needs a good tonic and system purifier like Tanlac to help build up the body and throw off the poisonous impurities that accumulate.

Good health from this age onward depends upon the care with which the system is kept in perfect condition rather than on the former ability to recuperate. To allow one's self to get run down and stay half sick is the height of imprudence and may shorten the life by several years.

## Built Him Up

If you feel all played out at the end of the day, if you do not sleep well and wake up with a bad taste in the mouth, if you are nervous and irritable and out of sorts, if your food does not agree with you and you are afraid to eat certain things, if you have acid stomach, headache, dizzy spells, and tire easily, if you languid and feel unequal to the day's work, it is a sure sign that your system is out of order and nature needs help at once.

To a man in this condition nothing is so beneficial as Tanlac, nature's medicine. This wonderful preparation, which is composed of the most beneficial roots, herbs and barks known to science and contains no minerals or opiates, so common in many other medicines, begins its work by aiding the vital organs to fully perform their duties.

This accomplished, the body immediately begins to receive new supplies of energizing nourishment and waste matter is thrown off, the blood is purified, flabby muscles and tissues repaired, and the whole system fortified and strengthened with new stores of strength, energy and vitality.

Thousands upon thousands of people from all walks of life, some of them your neighbors and friends, have taken Tanlac with such remarkable results that they have testified in the public press to its wonderful benefits.

Captain Ernest Hill, of Portland, Maine, in telling of his remarkable experience with Tanlac, says:

"After every meal I would simply suffer torment from indigestion and would swell up so with gas I could hardly get my breath. I had suffered this way for about eight years and nothing seemed to help me until I got Tanlac. Now I can eat anything without a bit of trouble and feel as good as I did when I was twenty years old."

John H. Packer, well-known electrical engineer of Liberty, Mo., pays a remarkable tribute to Tanlac:

"For two years previous to the time I began taking Tanlac I lived principally on a raw egg diet," states Mr. Packer. "They said I couldn't live, but two months after I began taking Tanlac I was able to sit down at the table and eat a good square meal and digest it as good as anybody. I have gained forty-four pounds and to look at me today you wouldn't take me for the same man."

W. H. Brandes, of Des Moines, Iowa, a well-known and respected citizen, says:

"I had been in bed from stomach trouble for several weeks when a friend persuaded me to try Tanlac. Within thirty days I gained twenty pounds and never felt better in all my life."

A. B. Carcot, well known citizen of 1530 Harmon St., Berkeley, Cal., has the following to say about Tanlac:

"Following the flu, I had rheumatism in my arms and shoulders so bad I could not raise my hands to comb my hair, and my back could not have hurt worse if it had been breaking in two. I lost weight and strength until I had to lay off from my work for days at a time. But Tanlac made a clean sweep of all my troubles and built me up twenty-five pounds in weight. I am now on the job every day feeling fine."



JOHN H. PACKER  
LIBERTY, MO.

# October

**P**REPARATIONS for Winter mark October, but it is a good month for work; its brisk days carry a zest not known to other months. The season ends with a rush and there are many tasks. A day's hunting may give "pep" to tackle duties almost too insistent. Many things can be done now to relieve the strenuousness of the next Spring.

## Marketing

Average weight of veal calves highest. Lambs usually sell lowest. Range cattle movement usually at its height.

## Farm Operations

Look over your wagon covers to see if they are in condition for the winter's hauling.

Experience shows that hog cholera occurs especially during the autumn months. If you find any hogs hidden in the nest which arch their backs and appear to be chilled when you make them get up, suspect hog cholera. Call a competent veterinarian. Hog cholera is highly contagious and spreads quickly. Infection is carried by persons, animals, streams, and so on. Burn diseased carcasses to ashes or bury them four feet deep. Keep pens and lots clean. Permit no trespassing during outbreaks. Hogs can be made immune from cholera only by the preventive serum treatment.

Select typical heads of sorghum for seed. Pasture off beet tops in fields previously harvested if the ground is not too soft. Silo the beet roots for next year's crop. (North Central States). Harvest the cane and sorghum crops (Gulf States).

To control European corn borer, destroy all dry vegetation. Bury corn stalks rejected by cattle deeply in fresh manure.

## Fruit


The eggs of the Fall cankerworm are laid in the Fall. Apply to tree trunk a band of sticky material or cotton batting in October to prevent females from laying eggs up in tree. These bands will need to be renewed in the Spring to prevent the ascent of newly hatched caterpillars.

## Live Stock

Feed sows and litters carefully. Have pigs in thrifty growing condition before cold weather begins. Castrate pigs during latter part of this month or early next month.

## Poultry

All pullets should be moved to their laying quarters by the last of this month. Allow from 3 to 4 square feet of floor space for each pullet.



1923	Phas.	BOSTON			NEW YORK			WASH'TON			MOON'S SIGNS.	LATITUDE OF NORTHERN STATES				LATITUDE OF MIDDLE STATES				LATITUDE OF SOUTHERN STATES				1923																		
		D. H. M.			H. M.			H. M.				SUN EAST		SUN RISES		MOON RISES		SUN RISES		MOON RISES																						
		o	m	w	h	m	h	m	h	m		h	m	h	m	h	m	h	m	h	m	h	m																			
<b>Historical Events</b>																																										
1	M	Judge P. S. Crosscup died, 1921																					☾	5	55	5	44	9	51	10	5	55	5	44	9	55	5	53	5	47	10	14
2	T	Adm. W. S. Schley died, 1911																					☾	5	56	5	42	10	39	10	5	56	5	42	10	43	5	54	5	45	11	2
3	W	Joseph Hart died, 1921																					☾	5	57	5	40	11	33	11	5	57	5	41	11	47	5	54	5	44	11	55
4	T	Steamer Gallia sunk, 1916																					☾	5	58	5	38	morn	11	5	58	5	39	morn	5	53	5	42	morn			
5	F	Tunnel Wreck in Paris, 1921																					☾	6	0	5	37	0	31	11	5	59	5	38	0	35	5	56	5	41	0	51
6	S	Germans ask for Armistice, 1918																					☾	6	1	5	35	1	34	12	6	0	5	36	1	37	5	57	5	40	1	51
<b>40. 19th Sunday after Trinity. Day's Length—11h. 53m.—11h. 54m.—11h. 42m.</b>																																										
7	S	Battle of Argonne Forest, 1918																					☾	6	2	5	34	2	42	12	6	1	5	35	2	44	5	57	5	39	2	54
8	M	Wilson rejects Armistice, 1918																					☾	6	3	5	32	3	53	12	6	2	5	33	3	54	5	58	5	37	4	0
9	T	Steamer Vulturino Disaster, 1913																					☾	6	4	5	30	5	5	13	6	3	5	31	5	5	59	5	36	5	7	
10	W	Belgrade captured, 1915																					☾	6	5	5	28	sets	13	6	4	5	29	sets	6	0	5	35	sets			
11	T	Henri Fabre died, 1915																					☾	6	6	5	27	6	44	13	6	4	5	28	6	46	6	0	5	34	6	58
12	F	Sen. Knox died, 1921																					☾	6	7	5	25	7	29	13	6	6	5	26	7	32	6	1	5	32	7	47
13	S	Fire in Charleston, 1921																					☾	6	9	5	24	8	17	14	6	7	5	25	8	21	6	2	5	31	8	39
<b>41. 20th Sunday after Trinity. Day's Length—11h. 52m.—11h. 51m.—11h. 27m.</b>																																										
14	S	Theo. Roosevelt shot, 1912																					☾	6	10	5	22	9	9	14	6	8	5	23	9	13	6	3	5	30	9	32
15	M	Sen. J. P. Dolliver died, 1910																					☾	6	11	5	20	10	6	14	6	10	5	22	10	10	6	3	5	29	10	29
16	T	Fire in Washington, D. C., 1920																					☾	6	12	5	18	11	6	14	6	10	5	20	11	10	6	4	5	27	11	28
17	W	Charles A. Dana died, 1897																					☾	6	13	5	17	morn	14	6	12	5	19	morn	6	5	5	26	morn			
18	T	St. Luke, Evangelist																					☾	6	15	5	15	0	7	15	6	13	5	17	0	10	6	5	25	0	26	
19	F	Italy decl. War on Bulgaria, 1915																					☾	6	16	5	14	1	8	15	6	14	5	16	1	11	6	5	24	1	24	
20	S	David Bennett Hill died, 1910																					☾	6	17	5	12	2	8	15	6	15	5	14	2	10	6	7	5	23	2	19
<b>42. 21st Sunday after Trinity. Day's Length—10h. 53m.—10h. 57m.—11h. 14m.</b>																																										
21	S	San Francisco Earthquake, 1868																					☾	6	18	5	11	3	8	15	6	16	5	13	3	9	6	8	5	22	3	14
22	M	Sarah Bernhardt born, 1844																					☾	6	20	5	9	4	6	15	6	17	5	11	4	6	6	9	5	21	4	8
23	T	Riots in Athlone, 1920																					☾	6	21	5	8	5	4	16	6	18	5	10	5	3	6	9	5	20	5	7
24	W	Bulgars capture Veles, 1915																					☾	6	22	5	6	rises	16	6	19	5	9	rises	6	10	5	18	rises			
25	T	King Alexander died, 1920																					☾	6	23	5	5	5	16	6	20	5	7	5	59	6	11	5	17	6	11	
26	F	Brazil decl. War on Ger., 1917																					☾	6	24	5	3	6	29	16	6	22	5	6	6	32	6	12	5	16	6	27
27	S	Metz surrendered, 1870																					☾	6	26	5	2	7	5	16	6	23	5	5	7	9	6	12	5	15	7	46
<b>43. 22d Sunday after Trinity. Day's Length—10h. 54m.—10h. 40m.—11h. 1m.</b>																																										
28	S	St. Simon and St. Jude																					☾	6	26	5	0	7	46	16	6	24	5	4	7	50	6	13	5	14	8	9
29	M	Austria negotiates for Peace, '18																					☾	6	28	4	59	8	33	16	6	25	5	0	8	37	6	14	5	13	8	57
30	T	Vice-Pres. Sherman died, 1911																					☾	6	29	4	58	9	24	16	6	26	5	0	9	28	6	15	5	12	9	47
31	W	Hallowe'en, Turkey surr., 1918																					☾	6	30	4	57	10	19	16	6	27	4	59	10	23	6	16	5	11	10	41

## Weather Forecast October, 1923

**F**AIR Period—1st to 4th. Fine, genial autumn weather in the Southern and Southwestern states. Dense fogs on the Great Lakes and along the North Atlantic coast. 5th and 6th—Rain Period. General rains along the Atlantic coast and in the Appalachian mountain region. Severe gales in the Lake section and St. Lawrence river valley. 7th to 13th—Frosty Period. Cold fall weather, with clear, frosty nights at many points north of the 40th parallel. Unsettled in the Southern and Gulf states. 14th to 19th—Pleasant Period. Fine and clear weather over all sections east of the Rocky mountains. Cloudy and threatening in the Florida peninsula and Gulf states. 20th to 22nd—Unsettled Period. General rains and much cloudy and threatening weather in the Lake region and New England states. Changeable conditions in the Gulf states. 23rd to 27th—Frosty Period. Cold, raw winds in all Western and Central states. Killing frosts in the region of the Great Lakes, Canadian provinces and St. Lawrence river valley. 28th to 31st—Cold Period. The lowest temperature for the month will prevail in the Northwest and Great Lakes region. Heavy frosts as far as Kentucky, Tennessee and Arkansas.

# Tanlac Rheumatic Treatment

**THIS** preparation is a scientific treatment for sub-acute and chronic Rheumatism of the joints and muscles, gout and various forms of neuralgia of a rheumatic or gouty nature.

Sore, painful, stiff and achy joints or muscles are evidences of these forms of Rheumatism, and the suffering is usually increased by exposure, damp, rainy weather, etc.

There is reason to believe that, outside of the infectious forms, these types of Rheumatism are produced by poisons formed in the intestinal tract which are not properly eliminated by the bowels, kidneys and skin, but are carried through the system by the blood and deposited in the joints, tissues and various organs. Therefore, to obtain relief, it is necessary to dissolve these poisons and expel them from the system.

**TANLAC RHEUMATIC TREATMENT** is especially designed to establish proper elimination by the bowels, kidneys and skin, thus relieving the joints and tissues of accumulated matter. It is also calculated to promote digestion and assimilation so as to obtain proper circulation of rich, nourishing blood in the parts affected.

This preparation contains no salicylic or other acid calculated to irritate the stomach, nor opiates or bromides, which only stupefy, but do not remove the cause of the trouble.

**TANLAC RHEUMATIC TREATMENT** is both internal and external and consists of a package of Tablets, containing from 10 to 15 days' treatment, and an exceptionally penetrating medicated oil or liniment, which is used to reduce congestion and soreness and aid in obtaining the proper flow of the blood through the affected parts.

## DIRECTIONS

Take a Tablet three or four times a day. The dose may be gradually increased to two or three Tablets three or four times a day.

The medicated oil or liniment should be applied to the parts affected and rubbed vigorously until it has been absorbed by the skin.



# November

ONE can begin to look back and plan ahead, supplies for the Winter are stored or sold by now. If neighborhood activities need stirring up, help get them under way, calling on the agricultural college extension service or on the Federal Department of Agriculture for assistance, but make sure that there is an active local interest first.

## Plans

November is a good time to pause and take reckoning. Study best methods of storage and preservation of garden products. At the end of the season's work with any implement it is a good plan to make note of needed repairs and adjustments.

## Marketing

Heaviest mortality of sheep and lambs in transit. Average weight of all hogs going to market usually is lightest.

## Farm Operations

Get tank heater in shape for drinking water for live stock. Drag earth, sand-clay, and gravel roads before they freeze and they will remain in good condition during the winter. Begin hauling and spreading manure and plowing for next year's sugar-beet crop. (California). Thresh beet and sorghum seeds, if soil and weather conditions permit, haul and spread manure and plow for next year's beet crop. (Mountain, Intermountain, and North Central States).

Continue harvesting cane crop and select and bank the cane for next season's planting. (Gulf States).

## Poultry

Cull and market any pullets which are extremely late, are slow growers, or are very immature. Provide a good litter of straw on the hen-house floor to make the fowls exercise for their grain feed. Provide sufficient roosting room. Allow 7 to 10 inches of roost. Feed a good, balanced laying ration. Be sure that the mash contains some meat scrap or other animal feed; also provide some form of green feed and grit and oyster shell.

## Fruit

The only sure remedy against round-headed and flat-headed apple-tree borers is to dig out the borers by means of a wire and knife in the Fall, Winter or Spring.

## Live Stock

Keep ewes in thrifty condition. When pastures give out, supply a reasonable amount of feed. Prepare winter quarters for the hogs. Have them tight, light, clean, warm, and comfortable. Kill the meat hog. Wean the Fall pigs.

1923



1923

Phas.	BOSTON			NEW YORK			WASH-TON			LATITUDE OF NORTHERN STATES			LATITUDE OF MIDDLE STATES			LATITUDE OF SOUTHERN STATES		
	D.	H.	M.	H.	M.	H.	M.	A.	M.	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises
L. O.	1	3	49 A.	3	49 A.	3	49 A.											
N. M.	8	10	27 M.	10	27 M.	10	27 M.											
F. O.	15	4	41 M.	4	41 M.	4	41 M.											
F. M.	23	7	58 M.	7	58 M.	7	58 M.											

D	M	O	W	Historical Events	MOON'S SIGNS.	Sun rises	Sun sets	Moon rises	SUN EAST	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises
1	T			All Saints' Day	☾	6 32	4 55	11 19	16	6 28	4 58	11 22	6 17	5 10	11 38
2	F			Sen. Harding elected Pres. 1920	☾	6 33	4 54	morn	16	6 30	4 57	morn	6 17	5 9	morn
3	S			Premier Hara assassinated, 1921	☾	6 34	4 53	o 23	16	6 31	4 56	o 26	6 18	5 9	o 38

44. 23d Sunday after Trinity.		Day's Length—10h. 16m.—10h. 23m.—10h. 49m.														
4	S	Allied Terms sent to Ger., 1918	☾	6 35	4 51	1 30	16	6 32	4 55	1 32	6 19	5 8	1 40			
5	M	Maine ratified Wom. Suff., 1919	☾	6 35	4 50	2 40	16	6 33	4 53	2 41	6 20	5 7	2 44			
6	T	Brooklyn Factory Fire, 1915	☾	6 38	4 49	3 52	16	6 35	4 52	3 52	6 21	5 6	3 51			
7	W	Boston Elevated Disaster, 1916	☾	6 40	4 48	5 5	16	6 36	4 51	5 5	6 22	5 5	4 59			
8	T	Revolution in Berlin, 1918	☾	6 41	4 47	sets	16	6 37	4 50	sets	6 23	4 4	sets			
9	F	Kaiser Wilhelm abdicates, 1918	☾	6 42	4 45	6 3	16	6 38	4 49	6 7	6 24	5 4	6 23			
10	S	Tornado in the Northwest, 1915	☾	6 43	4 44	6 55	16	6 39	4 48	6 50	6 25	5 3	7 18			

45. 24th Sunday after Trinity.		Day's Length—9h. 59m.—10h. 6m.—10h. 36m.														
11	S	Ger. accept Armistice Terms, '18	☾	6 44	4 43	7 52	16	6 41	4 47	7 56	6 26	5 2	8 16			
12	M	Disarm. Conference opens, 1921	☾	6 45	4 42	8 53	16	6 42	4 46	8 57	6 26	5 1	9 16			
13	T	Cherry Mine Disaster, 1909	☾	6 46	4 41	9 56	16	6 43	4 45	10 0	6 27	5 1	10 17			
14	W	John A. Logan died, 1899	☾	6 48	4 40	10 59	16	6 44	4 44	11 2	6 28	5 0	11 16			
15	T	Henryk Sienkiewicz died, 1916	☾	6 49	4 39	morn	15	6 45	4 43	o 2	6 29	5 0	morn			
16	F	Earthquake in Germany, 1911	☾	6 50	4 39	o	15	6 46	4 43	o	6 30	4 59	o 13			
17	S	British occupy Jaffa, 1917	☾	6 52	4 38	1 0	15	6 48	4 42	1 1	6 31	4 58	1 8			

46. 25th Sunday after Trinity.		Day's Length—9h. 44m.—9h. 52m.—10h. 26m.														
18	S	Hay-Pauncefote Treaty, 1901	☾	6 53	4 37	1 59	15	6 49	4 41	2 0	6 32	4 58	2 3			
19	M	Robert J. Burdette died, 1914	☾	6 54	4 36	2 57	15	6 50	4 40	3 57	6 33	4 58	2 56			
20	T	Tidal Wave in Jamaica, 1912	☾	6 55	4 35	3 55	14	6 51	4 40	4 54	6 34	4 57	3 50			
21	W	Germany surrenders Fleet, 1918	☾	6 56	4 34	4 53	14	6 52	4 39	4 57	6 35	4 57	4 44			
22	T	Christine Nilsson died, 1921	☾	6 58	4 34	5 50	14	6 54	4 38	5 41	6 35	4 56	5 37			
23	F	Vera Cruz evacuated, 1914	☾	6 59	4 33	rises	14	6 55	4 38	rises	6 36	4 56	rises			
24	S	Sir H. Maxim died, 1916	☾	7 0	4 33	5 46	13	6 56	4 37	5 50	6 37	4 56	6 8			

47. 26th Sunday after Trinity.		Day's Length—9h. 31m.—9h. 40m.—10h. 17m.														
25	S	Andrew Carnegie born, 1837	☾	7 1	4 32	6 29	13	6 57	4 37	6 33	6 38	4 55	6 53			
26	M	Thos. P. Ochiltree died, 1898	☾	7 3	4 31	7 18	13	6 58	4 37	7 22	6 39	4 55	7 42			
27	T	Florida ratified Prohibition, 1918	☾	7 4	4 31	8 12	13	6 59	4 36	8 16	6 40	4 55	8 34			
28	W	Russians elect Bolsheviks, 1917	☾	7 5	4 31	9 10	12	7 0	4 36	9 14	6 41	4 55	9 30			
29	T	Thanksgiving day	☾	7 6	4 30	10 11	12	7 1	4 35	10 14	6 42	4 54	10 26			
30	F	St. Andrew	☾	7 7	4 30	11 11	11	7 2	4 35	11 16	6 43	4 54	11 26			

# Weather Forecast November, 1923

**M**ILD Period—1st to 4th. Clear and milder weather will prevail at all points in the Southern, Central and Middle Atlantic states. Frosty nights in the West and Northwest. 5th to 8th—Cold Period. Heavy frosts and freezing weather general at all points, except in the extreme South. Damage to late crops in Kansas, Nebraska, Iowa and Missouri. 9th to 11th—Unsettled Period. Blustery and unsettled conditions in the New England states and St. Lawrence river valley. Snow flurries in the Rocky mountains and Great Lakes region. 12th to 15th—Fair Period. Fine and genial weather in the Central West, the Ohio river valley and Lake region. Severe gales in the Gulf states and Florida peninsula. 16th to 20th—Unsettled Period. Foggy and misty weather in the Middle Atlantic and New England states. General rains in eastern Texas, Louisiana and Mississippi. 21st to 24th—Snow Period. Snow and sleet general in the Northwest and as far as Kansas, Missouri, southern Illinois and Kentucky. High winds and squally conditions prevailing in the South. 25th to 30th—Cold Period. Cold and squally weather is predicted for this period in the Northwestern states.

# Answers

Answer numbers correspond to Question numbers appearing on page 5 ~ ~

BELOW will be found the answers to the questions which appear on Page 5. Each question is answered as concisely as possible.

1. By far the greater number of round pearls are found in the thick, fleshy portion of the mantle near the inhalant or exhalant orifice of the oyster and generally near the mantle edge.
2. The cedars of Lebanon were the tallest trees known in Biblical times and references to them were on account of their height and strength.
3. Canada is larger. The area of continental United States is 3,026,789 square miles, while the area of Canada is 3,730,000 square miles.
4. At the same temperature, moist air is more productive of heat prostration than is dry air.
5. The American Bible Society says that, according to their information, the longest verse in the Old Testament is Esther 8:9 and in the New Testament, Revelation 20:4.
6. It was in 1819 that the roller skate was patented in France, but it was not until 1874 that it was perfected in its present form.
7. The first king of England was Egbert, who reigned from 827 to 839.
8. In China a cycle covers a period of 60 years, hence the poet Moore may have had that definite period of time in mind when he used the expression: "Better 50 years of Europe than a cycle in Cathay."
9. An antenna or leg is gradually renewed, growing at every molt. This is also true of the crawfish.
10. At present Los Angeles, New York, Chicago and New Orleans are the largest cities in amount of territory.
11. All the states have local districts known as counties, except Louisiana, where the corresponding district is known as parish.
12. Glass was invented in England by Benault, a monk, 400 A. D.
13. Tea was first used in England in 1666.
14. The first fire engine was patented in 1776.
15. Surnames were first used in 1200 A. D.
16. Silk was first brought from India in 274 A. D.
17. Musical notes were invented in 1070 A. D.
18. Silk stockings were first worn by the French king in 1543 A. D. and in England by Queen Elizabeth in 1561 A. D.
19. Two hundred and sixty lives were lost when the Maine was blown up in Havana (Cuba) harbor, Feb. 15, 1898.
20. The White Star steamer Titanic was sunk April 14-15, 1912, after collision with an iceberg in the North Atlantic; 1517 lives were lost.
21. The U. S. S. Cyclops, with 294 persons aboard, left the Barbados, West Indies, on March 4, 1918, and nothing has been heard from her since.
22. The Lusitania was sunk by a German submarine off the coast of Ireland, May 7, 1915; 1179 lives lost.
23. The Bible was first printed at Mentz, Germany, in 1462.
24. Shakespeare died April 23, 1666.
25. The Great Fire of London started September 2, 1666.
26. There are fifty-six names signed to the American Declaration of Independence.
27. Site for the White House was selected by Pres. Washington and Major Peter Charles L'Enfant, when they laid out the City of Washington, in 1791.
28. John Adams was the first president to occupy the White House, Nov., 1800.
29. Damascus was captured by the British. Oct. 1, 1918.
30. Bonaparte abdicated the throne in 1814.
31. The British burned the White House at Washington, August 24, 1814.
32. Joan of Arc was burned at the stake, May 30, 1431.
33. The first steamship to cross the Atlantic was The Savannah, which sailed from Savannah, Ga., to Liverpool, Eng., May 22, 1819, arriving June 20.
34. Gold was discovered in California September, 1848.
35. Financial "Black Friday" in New York was September 24, 1869.
36. The Great Fire in Chicago occurred Oct. 8-11, 1871. (18,000 buildings destroyed.)
37. The Charleston (S. C.) earthquake occurred Aug. 31, 1886.
38. May 31, 1889, was the date of the Johnstown (Pa.) flood.
39. The first passenger railroad (Baltimore & Ohio) was begun July 4, 1828.
40. In 1694, through a freak in the weather, a vessel bound from Madagascar to Liverpool, was driven into the harbor of Charleston, S. C. The captain gave the inhabitants a few sacks of seed rice as an expression of appreciation of their hospitality.

# December

**I**NDOOR work in house and barn claims first attention now. While special tasks need doing, this is a month for cultivation of the faculties rather than of the fields, and for thoughts of one's relationships with one's fellow man. The spirit of peace and good will should be a natural outgrowth of this period of contemplation.

## Plans

Begin planning next year's work. The great value of a cost account is that it enables the farmer to determine what is actually paying a good profit and what is not.

## Marketing

This is usually the month of low-est hog prices, heaviest hog packing, and of greatest mortality among cattle in transit to markets.

## Farm Operations

Break and scutch hemp and flax. When other farm work is slack is a good time to clear that stump land.

## Suggestions for Home Butchering

Cleanliness is a most important factor. Meat very easily becomes tainted. Save all pieces of meat. There are many ways of converting them into a palatable product. All waste fat, trimmings and skin should be used to make soap. Bones should be crushed or ground for chicken feed. Never put meat in cure before the animal heat is out of it. Always pack meat skin side down when in the curing process, except the top layer in a brine cure, which should be turned flesh side down. Keep close watch on the brine, and if it becomes "ropy," change it. Don't forget to turn or change meat several times during curing process. The fat of dry-cured meat sometimes becomes yellow, but that does not make it unwholesome. Slow smoking is much better than rapid smoking, and there is less chance of causing meat to drip.

## Poultry

Provide good ventilation in the hen-house. Hens can stand cold better than dampness. Watch for colds or any sign of sickness. Remove any sick bird and put a disinfectant in the drinking water.

## Live Stock

Keep rams away from ewes and avoid late, unprofitable lambs. Begin breeding sows for spring litters.

## Fruit

Remove the eggs of tent caterpillars at the time of Winter pruning from December to April.



Phas.	BOSTON	NEW YORK	WASH'TON	LATITUDE OF NORTHERN STATES			LATITUDE OF MIDDLE STATES			LATITUDE OF SOUTHERN STATES		
L. Q.	5 9 M.	5 9 M.	5 9 M.	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises	Sun rises	Sun sets	Moon rises
N. M.	7 8 30 A.	8 30 A.	8 30 A.	h m	h m	h m	h m	h m	h m	h m	h m	h m
F. Q.	14 9 38 A.	9 38 A.	9 38 A.									
F. M.	23 2 33 M.	2 33 M.	2 33 M.									
L. Q.	30 4 7 A.	4 7 A.	4 7 A.									

### Historical Events

1	S	Food Riots in Vienna, 1921	7 8 4 29	morn	11 7 3 4 34	morn	6 44 4 54	morn
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### 48. 1st Sunday in Advent. Day's Length—9h. 20m.—9h. 30m.—10h. 10m.

2	S	Austrians take Belgrade, 1914	7 9 4 29	0 20	11 7 4 4 34	0 21	6 44 4 54	0 27
3	M	S. Dakota rat Wom. Suff., 1919	7 10 4 28	1 29	10 7 5 4 33	1 29	6 45 4 54	1 31
4	T	Pres. Wilson sails for France, '18	7 11 4 28	2 40	10 7 6 4 33	2 39	6 46 4 54	2 37
5	W	John D. Archbold died, 1916	7 13 4 28	3 53	10 7 7 4 33	3 51	6 47 4 54	3 45
6	T	St. Nicholas	7 14 4 28	5 7	9 7 8 4 33	5 4	6 48 4 54	4 54
7	F	U. S. decl'd War on Austria, '17	7 15 4 28	6 20	9 7 9 4 33	6 16	6 49 4 54	6 2
8	S	Earthquake in Tokio, 1921	7 16 4 28	sets	8 7 10 4 33	sets	6 49 4 54	sets

### 49. 2d Sunday in Advent. Day's Length—9h. 11m.—9h. 22m.—10h. 4m.

9	S	William Deering died, 1913	7 17 4 28	6 33	8 7 11 4 33	6 37	6 50 4 54	6 57
10	M	Philippines ceded to U. S., 1898	7 17 4 28	7 37	7 7 12 4 33	7 41	6 51 4 54	7 59
11	T	Euphrates Dam finished, 1913	7 18 4 28	8 43	7 7 13 4 33	8 46	6 52 4 54	9 2
12	W	Ger'y offers Peace Terms, 1916	7 19 4 28	9 48	6 7 14 4 33	9 50	6 52 4 55	10 3
13	T	Wilson arrived in France, 1918	7 20 4 28	10 50	6 7 15 4 33	11 52	6 53 4 55	11 0
14	F	George Washington died, 1799	7 21 4 28	11 51	6 7 15 4 33	11 52	6 53 4 55	11 56
15	S	Whitelaw Reid died, 1912	7 22 4 28	morn	5 7 16 4 34	morn	6 54 4 55	morn

### 50. 3d Sunday in Advent. Day's Length—9h. 7m.—9h. 17m.—10h. 1m.

16	S	Russians surr. to Germans, 1917	7 22 4 29	0 50	5 7 17 4 34	0 50	6 55 4 56	0 51
17	M	Leopold II. died, 1909	7 23 4 29	1 48	4 7 18 4 34	1 47	6 56 4 56	1 45
18	T	Wilson's Peace Appeal, 1916	7 24 4 29	2 46	4 7 18 4 34	2 44	6 56 4 57	2 38
19	W	Ember day	7 25 4 29	3 42	3 7 19 4 35	3 40	6 57 4 57	3 30
20	T	U. S. Bank closed, 1791	7 25 4 30	4 38	3 7 20 4 35	4 35	6 58 4 57	4 23
21	F	St. Thomas. Ember day	7 26 4 30	5 34	2 7 20 4 36	5 30	6 58 4 58	5 16
22	S	Winter begins. Ember day	7 26 4 31	6 29	2 7 21 4 36	6 25	6 59 4 58	6 8

### 51. 4th Sunday in Advent. Day's Length—9h. 4m.—9h. 16m.—10h. 0m.

23	S	Eug. V. Debs pardoned, 1921	7 27 4 31	risers	1 7 21 4 37	risers	6 59 4 59	risers
24	M	Clarence King died, 1902	7 27 4 32	6 8	1 7 22 4 37	6 12	7 0 4 59	6 31
25	T	Christmas Day	7 27 4 32	7 4	0 7 22 4 38	7 8	7 0 5 0	7 25
26	W	St. Stephen	7 28 4 33	8 4	S. 7 22 4 38	8 7	7 0 5 0	8 22
27	T	St. John, Evangelist	7 28 4 34	9 7	1 7 23 4 39	9 9	7 1 5 1	9 21
28	F	Innocents. W. Wilson b., 1856	7 29 4 34	10 12	1 7 23 4 40	10 14	7 1 5 1	10 21
29	S	Fire at Messina, 1910	7 29 4 35	11 18	2 7 24 4 40	11 19	7 2 5 2	11 22

### 52. Sunday after Christmas. Day's Length—9h. 7m.—9h. 17m.—10h. 1m.

30	S	Steamer Persia sunk, 1915	7 29 4 36	morn	2 7 24 4 41	morn	7 2 5 3	morn
31	M	Sen. Boies Penrose died, 1921	7 29 4 36	0 26	3 7 24 4 42	0 26	7 2 5 4	0 25

## Weather Forecast December, 1923

**M**ILD Period—1st to 3rd. Pleasant, genial weather in the South and Southwest. Clear and frosty conditions between the 40th parallel and the northern limits of the country. 4th to 8th—Cold Wave. Sudden drop in temperature in the Rocky mountain region, Great Lakes and New England states. Frosts as far south as northern Florida. 9th to 11th—Snow Period. Snow or rain in the New England states. Snow blockades general in the Northwest. Severe gales in Minnesota, Wisconsin and Michigan. 12th to 18th—Cold Period. Very cold weather in the upper Missouri and Mississippi river valleys, the Great Lakes region, St. Lawrence river valley and along the North Atlantic coast. 19th to 23rd—Fair Period. Clear and milder weather at all points east of the Mississippi river. Cloudy and foggy in the Southwest and Gulf states. 24th to 26th—Snow Period. Heavy snow over the central Mississippi and Ohio river valleys. Cold and threatening in the Northwest and region of the Great Lakes. 27th to 31st—Storm Period. Rough and wintry weather prevailing in the Middle Atlantic and New England states. Destructive gales over the Ohio river basin and South Atlantic states.

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## Facts About Tanlac

Over 30 million bottles sold in eight years.

\*\*\*

Absolute merit responsible for its unprecedented success.

\*\*\*

It is now advertised in more than seven thousand (7,000) daily and weekly newspapers.

\*\*\*

Sold by leading druggists throughout the United States, Canada, Mexico, Cuba and Porto Rico.

\*\*\*

Now manufactured in modernly equipped laboratories at Dayton, Ohio; Walkerville, Canada, and Mexico City.

\*\*\*

The first year's advertising amounted to only \$6,000. Last year approximately \$1,250,000 was spent in advertising the medicine

\*\*\*

Demand for Tanlac has broken all records for the sale of a proprietary medicine in the same length of time.

\*\*\*

Tanlac contains no mineral drugs. It is purely vegetable, being composed of extracts of some of the most beneficial roots, herbs and barks known to science.

\*\*\*

Its formula complies with all National and State pure food and health laws of the United States and Canada.

\*\*\*

Publicly endorsed in signed statements by men and women in all walks of life, who testify that they have taken the medicine with most gratifying results.

# Here's Health



—abounding GOOD health for you and your family. Rid yourself of worry and despair. Feel the joyous course of rich, new blood singing through your veins. Revitalize your energy.

—a million grateful people attest the wonderful health renewing powers of TANLAC. In every section of the country, it has brought restored vitality, renewed health and strength to suffering men and women.

# TANLAC

Over 30 Million Bottles Sold



# TANLAC

And all Other Preparations Described in this  
Book for Sale by  
**ORANGE A. GREEN,**  
Hilton, N. Y.

