The Carlisle Mercury

ESTABLISHED 1867

Printed and Published Every Thursday At Carlisle, Kentucky

Second class postage paid at Carlisle, Kentucky

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Phone 98

SUBSCRIPTION RATES PER YEAR

Subscription Rate in Kentucky, $2.50 a Year, Plus Tax
Rate Anywhere Else $3.00 a Year

20 YEARS AGO AND 40 YEARS AGO

Osborne transferred to Florida; grand jury returns 22 indictments

Thursday, May 8, 1941

Lee Osborne, who has been employed as chief clerk at the local hospital for seven and one-half years has been transferred to Stark, Florida for a year. Mr. Osborne has been in Carlisle for 18 years, first working as pharmacist for the Carlisle Drug Company.

A total of 813 persons attended Sunday school in Carlisle last Sunday, May 4, the annual Go To Sunday School Day. The number this year fell considerably short of last years figure of 921. Churches and attendance follows: Christian Church, 353; Methodist, 233; Baptist, 157; and Presbyterian, 70.

The Carlisle Stock Yards report a strong market Tuesday in all lines of livestock, with a total 607 head passing under the auctioneers hammer.

BORN — To Mr. and Mrs. George Edward Gaffin of North street a son Thursday at the Johnson Memorial hospital He has been named George Edward Gaffin, Jr. Mrs. Gaffin was formerly Miss Nell Brown of Renaker, Harrison county.

MARRIED — Miss Margaret Marshall, daughter of Mr. and Mrs. Colie Marshall, of Carlisle, and Lester Cooper, of Cynthiana, Kentucky, were married in Cincinnati, Ohio, on April 22nd.

DIED—The 10-months-old infant of Mr. and Mrs. Elmer Hopkins of Ellisville died Sunday.—Clyde Thomas Jolly, 6-year-old son of Mr. and Mrs. George Jolly, Tuesday at the home of his parents near Millersburg. — James E. Gilvin, 60, Bath county farmer Saturday at the Johnson Memorial hospital.—Mrs. Sudie Clark Roberts, 73, widow of W. M. Roberts, Sunday afternoon at the home of her daughter, Mrs. G. T. Cowan on Eastern avenue.

Thursday, May 12, 1921

The May session of the Nicholas circuit court adjourned last Thursday after being in session four days. The grand jury returned 22 indictments, for minor offences.

Real estate agent Dan Westfall sold at public auction Monday for E. B. Bowen his residence on West Main street to Mrs. Marie Carter for $4,960. Immediate possession was given and Mrs. Carter will move to the property next week.

BORN — To Mr. and Mrs. Thomas Murry, of the county, on April 27th, a daughter, named Mildred Elizabeth.

MARRIED—Mrs. Alice Judge and Russell Peterson, both of Millersburg. — Miss Nettie V. Gaunce and William H. Marshall, both of this county, at Maysville, last Saturday.

DIED—Mrs. Martha Elizabeth Harris, 65, at her home in Paris Sunday afternoon after a lingering illness.—John David Ritchie, 83, at his home near Barterville on April 27.—Mrs. Bettie DeWitt, 50, at her home near Miranda, Monday evening after a several month's illness.—Mrs. Myrtle Bishop, at her home near Bowden Station, Sunday after a long illness.—Sam D. Finch, at his home near Bethel Monday after a several weeks illness.—Daniel Duty Thompson, 73, at his home on West Main street Friday after an illness of two years.

CROSSWORD PUZZLE

PUZZLE No. 684

ACROSS
1 Molten rock
5 Festival and sale of articles (pl.)
10 Ravine
14 Beverage (pl.)
15 European blackbird
16 Ardor
17 Body of water (pl.)
18 Unfasten
19 An ointment
20 Prominent
22 Sea nymphs
24 Revolver (slang)
25 Diner
26 To carry on
30 Looked at fixedly
34 Old age (dial.)
35 A Hindu guitar
37 Steps, over a fence
38 Levantine ketch
40 Mentioned
42 Wicked
43 Coral island
45 A title of Ptolemy 1
47 French for summer
48 Mediterranean vessel (pl.)
50 Expressed indignant displeasure at
52 Puts up poker stake
54 Society of Automotive Engineers (abbr.)
55 Intoned
58 To sadden
62 Dislike intensely
63 Appendage to a document
65 Small vessel for liquid
66 God of war
67 To choose
68 Therefore
69 To lease
70 Looks for
71 Profound

DOWN
1 Young lady
2 Appellation of Athena
3 Kind of meat
4 To appoint
5 A spring of water
6 Female relative
7 One skilled in some art
8 Rockfish
9 Showers rain and snow
10 Revere
11 Turkish regiment
12 Cooking compound
13 Terminates
21 Consumes
23 Soaks
25 Captivates
26 Tablelands
27 Winged
28 Simpleton
29 Greenland Eskimos
31 Fasten securely
32 Choice part
33 Removed
36 Nerve network
39 Most free from dirt
41 Dinner course (pl.)
44 Religious period of self denial
46 Harvest
49 Cubic meters
51 Gave courage to
53 Old Roman urban official
55 To scorch
56 Rabbit
57 Solar disk
58 Pack of playing cards
59 Ireland
60 Wise man
61 To spill over
64 River of England

Answer to Puzzle No. 683

A LITTLE YAPPIN'

By Nellie Crump

. . . and It's No Orchid Either.

Well, you may not be as dumb as I am. Maybe you know what a ramp is, but I didn't, yet felt it my bounden duty to say something last week after being honored by that bunch of clippings from Tennessee about the eighth great festival, the Feast of the Ramps at Cosby. One of the articles said dogwood would be at its best, so I thought of a ramp as a flower—sort of wild orchid perhaps, saying as little as possible about the thing until getting Cotton Galyon on the phone. Being from Tennessee, he would enlighten me, so I thought, but not so—"never heard of 'em," he declared—(and I've always found him to be a truthful sort of chap).

So, the next mail brought more cloppings from the News-Sentinel of Knoxville and a picture of Columnist Bert Vincent feeding Cousin Minnie Pearl a queer looking thing resembling a drinking tube far more than anything else—and it says a crowd of 5000 turned out in the rain at Cosby last Sunday to eat the "vilest smelling and sweetest tasting vegetable of them all—the ramp." About 50 bushels were consumed along with thousands of pieces of barbecued chicken, corn cakes and large skillets of cooked eggs—only the sassafras tea was missing. The best I can figure out, a Tennessee ramp is a double cousin to Kentucky' wild garlic-onion and let it go at that.

—Yap—

Mistaken Identity.

My neighbor, Stanley Trumbo, the painter, has been working very hard for several weeks so decided to go to Covington for the weekend. He had a nice visit with old friends, knowing he could make it home Monday morning by coming to Maysville on the C. & O. Sunday night, visiting his nephew, then catching a ride or the bus to Carlisle next morning—he would be ready for work by noon anyway. After getting settled in the comfortable seat the smooth gliding rhythm of the train lulled him to sleep—it didn't matter—he had a long ride. What he did not know was that he was on a fast train. He got an uneasy feeling somehow! When passengers began to gather up their belongings he asked if this stop would be Maysville and was informed they were entering Huntington, W. Va. He did not say how or when he got back to Carlisle but this was Thursday morning he was telling me about it.

—Yap—

Attend Winchester Funerals.

Mr. and Mrs. Cray Marshall were in Winchester two days last week to attend rites for two of Cray's friends who died suddenly while at their work at Avon.

—yap—

My Friends and Neighbors.

Things have been a bit gory around here the past week.

Jimmy Marshall was accidently struck in the face by a ball bat while practicing at the City School ball park last Wednesday and his brother Henry was stung by a wasp while playing in his own back yard that first real prety day.

Mrs. Effie Watkins received painful burns on her right hand when a pan of hot grease tilted as she attempted to lift it from the oven.

Little Connie Watkins received blisters over her side and stomach when she spilled the topless jar of coaloil she was trying to carry in her arms.

Bessie Fryman received a deep gash when struck on her writin' hand last Friday by a pair of scissors thrown by her small brother.

"Uncle" Frank Howard has returned home after three weeks in the hospital. Mrs. Howard, who is able to be out after a spell of flu, was at the Bourbon Tuberculosis Hospital Tuesday for checkup and really balanced the scales at 88½ pounds.

Mrs. Viola "Grandma" Watkins, who passed away Friday night, was the oldest person in this section that I know of. Had she lived until July 29 she would have been 89 years old. (Notice elsewhere in this issue).

This yapper has made it through the winter without serious illness. Now that May 8 is here I "clean forgot" all about the Kentucky Derby; rain was pouring down Sunday morning and I could not go to the dedication of the Methodist educational building and I have the worst cold I've had in years.

Yaps—all . . .

AFTER-SCHOOL RUSH AT THE "DOUBLE-DIP"

Kentucky Question Box

UK QUESTION-ANSWER SERVICE

What is the origin of the name Leitchfield in Grayson County? (Mrs. Joan Mingus, Leitchfield)

Leitchfield was named after Major David Leitch, an early Kentuckian who donated the site for the founding of the town.

What percentage of Kentucky students entering high school graduate?

According to UK officials, only about 60 per cent of Kentucky students entering high school graduate. Of more than 27,000 high school seniors who will graduate in May this year, only about 35 per cent will enter college.

When did the buffalo disappear from Kentucky?

The earliest accounts concerning Kentucky tell of large numbers of buffalo. They frequented the many salt licks in the state, and their wanderings formed traces which became the white man's roads. By the last quarter of the 18th century, most of the buffalo in the state had been killed or driven off.

Did the ice-age glaciers reach into Kentucky?

Yes. According to UK geologists, there is evidence that a glacial sheet covered the northernmost portion of the state—in the Campbell County-Kenton County area. This was about 100,000 years ago. In addition, there is some evidence of glaciers reaching as far south as Frankfort.

(Readers who have questions about Kentucky are invited to send them to Public Relations Department, University of Kentucky, Lexington. UK staff members experts in various fields, will supply answers for publication in this newspaper. A postal card may be used for submitting your question. Your name will be omitted by request.)

100 YEARS AGO

More than 40 killed as war hits Missouri

100 Years Ago
BY LON K. SAVAGE

A civil war within the Civil War erupted in Missouri 100 years ago this week. Before the week's events were done, the state was split, dozens had been killed and tumult reigned.

The violence had a strange introduction: when a veiled old lady carrying a basket of eggs rode up in a servant-driven buggy to Camp Jackson in St. Louis' western outskirts.

The sentries at the camp took her for a soldier's mother and waved the buggy through. Later they would learn that the "lady" was Captain Nathaniel Lyon, commander of the St. Louis arsenal.

Lyon had watched with alarm in early May when Missouri's secessionist governor, Claiborne Jackson, had called the state militia into encampment at Camp Jackson. It would be only a matter of time, Lyon felt, before the militia was fighting for the Confederacy.

To determine what was afoot, Lyon had donned a black bombazine dress, pulled a veil over his red beard, buried a revolver in a basket of eggs and set out for Camp Jackson. There he convinced himself that the camp must be captured.

Camp Jackson Captured

Next morning, May 10, some 7,000 federal soldiers assembled outside St. Louis arsenal and marched toward the camp. They surrounded the installation, and Lyon demanded surrender. General D. M. Frost had no choice but to accept.

As Lyon's troops rounded up their prisoners, a fight broke out between the federal soldiers and a crowd of civilians who had followed the soldiers to the camp. Suddenly, horses were rearing, guns were firing and bayonets flashing. When the riot was over, 30 persons, including women and children, lay dead or dying.

News of the riot swept across Missouri. At Jefferson City, the legislature — with many lawmakers carrying guns in their laps—sat up that night passing law after law to repeal the federal troops and to prepare for war.

Next day, Jefferson City residents, fearing invasion, fled their homes. As they did, riots continued in St. Louis and more than a dozen persons—both civilians and soldiers — were killed. That, in turn, set off an exodus from St. Louis the following day.

Thus began a war in Missouri that would not end before thousands had been killed.

Baltimore is Occupied

While panic spread through Missouri on May 12, a Union general, Ben Butler, was moving a force of men toward Baltimore.

That night, in the midst of a thunderstorm, Butler's men occupied Federal Hill, overlooking the city, and next morning, Butler lowered a heavy hand on the city's secessionists. Within three days, 3,000 arms were seized and the mayor and 19 state legislators were jailed for "rebellious acts."

Across the ocean on May 13, Queen Victoria's government made the British position known concerning the war: England would be neutral; the American Civil War was simply a conflict between two belligerents.

Neither side was particularly happy with the proclamation. Lincoln disliked its recognition of the South's existence as a belligerent; Davis never forgave its reference to his government as "certain states styling themselves as the Confederate States of America."

Next week: The first naval engagement.

STUDENT NEWSPAPER WINS TOP AWARD IN THE SOUTH

The University of Kentucky's student newspaper, The Kentucky Kernel, has been named the best college daily in the South by the Southern District Council of the American Newspaper Guild. The Kernel competed with some 30 other college entries to win the top prize. Plaques will be awarded to Editor Robert Anderson of South Fort Mitchell and Managing Editor Mike Wenninger of Lexington.

Don't 'Help' Others At Your Own Expense

THE WEEK'S LETTER: "I am sixteen and the boy is twenty-two. I like him very much. He likes me a little, but there is this girl who is eighteen and she can do any thing she wants and come in any time she wants. He said he would like very much to go with me but he said I couldn't do as much as the other girl can. What should I do? She got him into trouble and I would like to help him but I don't know just what to do or how to do it. His sister said that I should try to help him but sometimes he acts as if he doesn't want any help. Should I try to help him or not?"

OUR REPLY: No — if it is to be on the basis of having to try to "outdo" the other girl — or any girl. If you do, you are only putting your own future in jeopardy. We're speaking, of course, about "doing anything she wants" and "coming in any time she wants." The girl who is wise will not even attempt to compete in such a contest.

On the other hand we can say, yes, help him — if he wants help — but on your terms, not his. Don't stay out later than you should — or go places you should not go — just to "help" him. If you do, you are not helping him at all, and you are certainly not helping yourself.

When we put our thinking caps on, we must realize that we can find happiness in life only if we are able to put everything in its proper perspective. Sure, it's fun to go "party-ing" and to stay out late, occasionally, but when we put this first and just "suffer" through the rest of life, we have lost our sense of direction. In fact, we are going nowhere. Life is a treadmill; an endless repitition.

It is a good thing to help someone, especially a person that we like. But in so doing, we must always think of ourselves, our own future, and our purpose in life. This is not selfishness. It's just plain common sense.

If you have a teenage problem you want to discuss, or an observation to make, address your letter to FOR AND ABOUT TEENAGERS, NATIONAL WEEKLY NEWSPAPER SERVICE, FRANKFORT, KY.

Letters to the Editor

Carlisle Mercury
Carlisle, Ky.
Dear Sir:

Inclosed please find check for five dollars. My wife and I look forward each week, to receiving your paper.

The first thing we read is Miss Nell Crump's writing. We know the story you say you are going to run on the Civil War is going to be interesting.

Your respectfully,
Mr. and Mrs. Verner Rice
210 Suney St.
San Francisco, Calif.

Carlisle Mercury
Lexington, Ky.
Dear Sir,

Inclosed check for $2.58 for the Mercury. I enjoy it very much. I have been going to Carlisle for the past twenty eight years, for an insurance co., but have been sick for a year and a half. So if you find any one looking for me and Insurance send them up.

I miss you all. Hope it will not be too long before I will be seeing you.

Everett G. Paton
Thanks,

America's No.1 family-pleaser
JET-SMOOTH CHEVROLET

(the full-size wagon more people are buying than any other make) Point a new Chevy wagon down an open stretch of road—and happy vacation, here you come. You've got all the cargo room (up to 97.5 cubic feet) you know what to do with—even a hidden valuables vault under the floor. You've got power tailored to your purpose. And you've got Chevy's Jet-smooth ride paving your way to out-of-the-way places. At each wheel a big, supple Full Coil spring gentles the ride, come highway or byway. And over 700 insulating and cushioning points sop up road-surface chatter. With all that (plus craftsmanship everyone's come to expect from Body by Fisher), no wonder more people are picking these full-size Chevy wagons over any other make. Six big load-totin', people-lovin' models, including America's lowest priced full-size 4-door 6-passenger wagon*. Fix that in mind—and take a good healthy look at how the country's bustin' out all over. Now do you see why the time's so ripe for a beautiful wagon buy at your Chevrolet dealer's?

*Based on a comparison of manufacturers' suggested retail prices (including federal tax) for models with 119-inch wheelbase or above.

Nomad 4-Door 9-Passenger Station Wagon—most luxurious wagon in Chevy's lineup.

See the new Chevrolets at your local authorized Chevrolet dealer's One-Stop Shopping Center

CYNTHIANA MOTOR CO., INC.

122 S. WALNUT ST. CYNTHIANA, KY. PHONE 1500

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THURSDAY, MAY 11

Read Ephesians 3: 14-19

I bow my knees unto the Father of our Lord Jesus Christ, of whom the whole family in heaven and earth is named. (Ephesians 3: 14, 15.)

One day I heard of a school where the children were extremely unruly. The teacher was at her wits' end as to how she might bring a semblance of order out of the chaos. Suddenly, a child's clear voice rose above the hubbub: "Is this the way for a Christian family to act?"

The other children were taken by surprise. They looked wonderingly at the small girl who asked a question she had no doubt heard at home. They stopped their quarrels, their giggling, their teasing.

They began to conduct themselves in a different manner because of this child whose family worshiped together in the home every day. This girl had parents who read the Bible and prayed. The child had an alter at her mother's knee.

PRAYER: Dear God, we thank Thee for Thy promise that where two or three are gathered together in Thy name Thou art in their midst. Thou dost love families and hast put the solitary in families. Strenghten our faith as we worship in our homes and know that Thou art here with us in familiar surroundings. We thank Thee in Jesus' name. Amen.

THOUGHT FOR THE DAY

A home is a gift of God and a fitting place for worshiping Him. —Thelma Allinder, Homemaker (Nebraska)

Piano Tuning

Piano tuning and organ service by local man. All work guaranteed for 90 days. For free estimate call S. E. Phillips, phone 323.

Piano Tuning only $7.50

Farm and Home

By: Wm. T. Straw, County Agent
Mason Morrison, Ass't County Agent
Margie H. Wilson, Home Agent

General Purpose Spray For Fruit

If you just have a few fruit trees and want some good fruit you'll find the general purpose sprays do a good job. Some call them "one-package fruit spray," "all-purpose spray" or "home fruit spray." They were developed to simplify the spraying of back yard fruit trees. They are a little too expense for the commercial orchardist but they are very satisfactory for the home fruit grower who has only a few trees of several kinds of fruit and who wants to use the same mixture on all his trees.

Now here's another idea. This one-package spray or any other fruit tree spray must be put on several times to be properly effective. Let's not get the idea that it should be applied just once. To be effective it must be sprayed on several times.

Follow very carefully the directions on the container. For the timing of the sprays you may go by the directions on the package or better still come by our Extension Office and we'll tell you the best time to use the spray in our part of the state.

Black Rot in Grapes

We bring you another reminder about black rot in grapes. The first spray should be put on when the new growth is an inch long. A second spray when the first blooms open. A third spray when blooming is finished. A fourth spray two weeks later or when the grapes are the size of garden peas and a fifth spray two weeks later. If you didn't get that first spray on, it will still pay to put on the later ones. Probably the best spray to use is Captan, wettable powder, 2 pounds per 10 gallons of water or 2 tablespoons to each gallon of water.

Another thing that will help the yield and do the plant a lot of good is a little fertilizer put on now. Dig in a little well rotted manure or place a handful of a good tobacco fertilizer chopped in a two foot circle around each vine. An excellent substitute for the manure would be a gallon of poultry droppings.

Utopia Club Program

"Mental Health" is the topic for discussion, by Mrs. Mary Browder, University of Kentucky Specialist in Child Development and Parent Education, Thursday night May 11, at 8:30 p.m. in the cafeteria of Nicholas County high school. You are invited to attend. Recently, Mrs. Browder presented a program to the Carlisle P.T.A. on "Understanding Teenagers."

4-H Style Revue

The Nicholas County 4-H Style Revue, Friday night May 12, at 8:00 p.m. in the gymnasium of the Nicholas County high school. Parents, friends and leaders are urged to attend.

Senior 4-H District Rally

The Senior 4-H District Rally will be held Saturday, May 13, in Lexington.

DR. DAWSON SELECTED

Dr. Lyle R. Dawson, head of the Department of Chemistry at the University of Kentucky and also acting dean of the Graduate School, was selected by the American Chemical Society to give a week's lecture tour in Indiana and Ohio. It is the third time he has delivered such a series of lectures.

FARM BUREAU *in Action*

By Larry May
Kentucky Farm Bureau Fed.

What Non-Farmers Think of Farm Program

A gasoline station owner asked, "Why should farmers have a pipeline to draw money away from Washington?" That was his way of answering my question, "What do you think of the farm program?"

He hadn't yet heard much about the Cropland Adjustment Program which has been proposed by Farm Bureau. But he was interested in the idea that this bill as introduced in both houses of Congress would voluntarily enable farmers to cut production so some of the surplus supplies of crops can be sold.

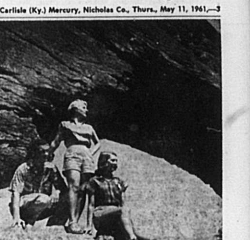
He suggested that if each farmer took it upon himself to produce just a little less on his farm, it would help the government to have a market for the surplus. "Sure it would be hard on farmers to cut their income, but I think they would be better off in the long run," he said. "I can't always sell all of the gas I'd like to and," laughing, "there is no surplus of gas."

This businessman said he had started his gas station "with all the money I could borrow. There isn't anyone to help me make certain I can make a living. To get the loan, I had to show enough backing to practically guarantee the people I borrowed from that they wouldn't lose their money."

He was especially interested in the word "voluntary." I don't want the government to be able to tell anyone what he has to do. Maybe I'm talking about some of my best customers, but I can't feel very friendly towards anyone who lets himself be told how much of a crop he can grow."

A waitress in a small restaurant in northwestern Kentucky, nearly a year out of high school, said, "I don't know anything about the farm program. Only three or four of the boys I graduated with are farming and they started with their Dads." She pointed out that some of the boys were working around town, but that most of them had left to find work and a couple were attending college.

In future columns, we will interview persons in other businesses, including farming, on various farm proposals.



NATURAL BRIDGE STATE PARK—One of nature's awesome pieces of handiwork, a gigantic bridge of rock, is the ideal setting of a Kentucky State park—Natural Bridge State Park in Powell County. Trails lead from the lodge, swimming and picnic areas to the bridge.

BULLETIN:

Chemical "policeman" in today's Super Shell guards against gum-fouled carburetors —to give your car top performance

One special ingredient among the nine in today's Super Shell gasoline is a gum preventive.

Like a policeman dealing with a mob, it works to keep unstable elements from clotting together. Hence no gum problem. Result: top performance.

You can forget this ugly picture if you fill your tank with today's Super Shell. It shows the gum that could form in your fuel system if you didn't use a gasoline with an efficient gum preventive.

IMAGINE an ingredient so effective that only *one thousandth of an ounce* is enough to treat a gallon of gasoline.

This tiny drop is all today's Super Shell needs to stave off gum troubles that can hamper your car's performance.

Gum forms when even the purest gasolines are held in storage. Unstable elements in the fuel combine chemically with oxygen and with each other. The latter is what scientists call *polymerization* (a good thing if you want to make plastics, but not if you want top performance from your gasoline).

Shell tackles the situation with a special inhibitor that is designed to keep gum from forming.

Where the trouble strikes

Gum usually ends up on sensitive carburetor parts, where it can foul the automatic choke and raise hob with a car's air-fuel mixture.

Too rich a mixture can waste gallons of gasoline. Too weak a mixture can burn valves. Either way, gum troubles cost money.

In extreme cases, gum can even stick your intake valves. This means a rough and noisy engine—lost power—and perhaps an expensive repair job.

To say that Super Shell's chemical "policeman" protects your pocketbook is an understatement.

How the "policeman" works

Shell's special anti-gum ingredient is an oxidation inhibitor. It helps keep unstable elements in the gasoline from sticking together—just the way a skilled policeman prevents trouble by keeping a crowd from forming.

As a result your engine is cleaner—for maximum power, maximum mileage. All of which adds up to *top performance*.

This is just one of the special jobs done by the 9 ingredients in Super Shell to give your car *top performance*. You owe it to your car to learn what each of the others can do for you, too.

#2 is TCP for power, mileage and longer plug-life

Today's Super Shell now contains an even better version of this famous additive. Its name is cresyl diphenyl phosphate.

TCP additive can give your car up to 15 per cent more power, up to 17 extra miles per tankful, and can make spark plugs last up to twice as long.*

New TCP does this by neutralizing certain effects of combustion deposits. It is scientifically formulated to keep them from glowing when hot—a major cause of power loss. Also from diverting your spark—a major cause of "missing."

#3 is "cat-cracked" gasoline for power with a purr

This is petroleum that has actually *cracked* under 900-degree heat and catalytic action. Its heavier molecules have been shattered into lighter ones.

The result is a super-octane ingredient that makes your engine purr with power the moment you put your foot down.

Shell's Doolittle, pioneer

#4 is Alkylate, noted for knock control in hot engines

Jimmy Doolittle helped pioneer this high-octane ingredient for Shell aviation fuel.

Alkylate—which took the dream of 100-octane gasoline out of the lab and put it into the skies—is now in Super Shell. It controls knocking in hot engines at high speeds far better than anything else yet available.

NOTE: Speaking of controlling knocks at high speeds, remember that car engines frequently turn *even faster than the engines of a DC-7*. Think of this next time you pass another car.

#5 is anti-knock mix for extra resistance to knocks

You might think that two high-octane ingredients are enough for knock-free performance. But Shell's scientists have ears like musicians.

They insist on adding a special anti-knock mix. A mix, so effective, one teaspoon per gallon can boost anti-knock rating by five points.

This mix has the tricky job of *regulating* combustion so that Super Shell gives each piston a firm, even push—rather than a sharp blow which would cause a knock.

#6 is Butane for quick starts on cold mornings

Butane is so eager to get going that Shell keeps it under pressure 400 feet below ground to stop it from vaporizing by itself. Think what this extra volatility means in cold weather.

Your engine fires in seconds. There is less strain on your battery. And none on your patience.

NOTE: Super Shell is primed with Butane all year. In winter, Shell scientists just increase the dose.

#7 is Pentane mix for fast warm-ups on cold days

Pentanes are made by tearing gasoline apart, much as you split kindling to start a log fire.

In this case, the "logs" are petroleum's heavier hydrocarbons. A special process transforms their molecules from slow-burning "logs" into the quicker-firing "kindling."

NET RESULT: Fast warm-up and top performance in a hurry.

#8 is an "anti-icer" to check cold-weather stalling

Super Shell's formula is adjusted up to eight times a year to beat the weather. For example, whenever the temperature is likely to be less than forty-five degrees, a carburetor anti-icer is added.

Why add anti-icer at forty-five degrees? Because, even then, frost can form in your carburetor just as it does in your refrigerator. It can stall your engine.

#9 is Platformate for extra energy, more mileage

It takes eight million dollars' worth of platinum catalyst for Shell to produce Platformate. But fortunately this precious stuff can be used over and over again.

The platinum re-forming process, which gives Platformate its odd name, converts petroleum into super-energy components—such as benzene, xylene and toluene.

These three alone release 11 per cent more energy per gallon than 100-octane aviation gasoline. This is energy that shows up as extra mileage.

Test Super Shell for yourself

Try Super Shell next time you fill up. You'll soon *feel* and *hear* a difference in the way your engine runs. That difference is *top performance*.

SHELL

A BULLETIN FROM SHELL RESEARCH —where 1,997 scientists are working to make your car go better and better.

*Trademark for Shell's unique gasoline additive. Gasoline containing TCP is covered by U. S. Patent 2889212

Your Home Garden

By Hubert Davis
Vegetable Specialist

LEXINGTON, KY. — When you plant your home garden, your aim probably will be healthy, stocky plants that will be easily managed and give high yields later on. Spacing and depth of planting have much to do with reaching this goal.

Vegetables planted too close together must compete for light, moisture and fertilizer—and they may not get their share. The plants may shade each other, too. Plants set too deep or not deep enough also may not get the right amount of moisture, fertilizer, etc.

How deep should the seeds be planted? A good general rule to follow is: plant at a depth equal to 4 or 5 times the thickness of the seed. For example, a seed that is about ¼ inch thick should be planted 1 to 1¼ inches deep in the soil. This rule does not apply to very tiny seeds, such as lettuce and carrots; such seeds should be sown about ⅛ inch deep.

When you are transplanting, the transplants should be set so that the soil comes up to the first true leaf. Set them two inches deeper in the soil than they were growing in the band or seed flat.

How about spacing? Space needs are different for different kinds of vegetables. Spacing is easier and more accurate if you sprinkle the seeds 3 to 5 per inch in the row; then thin the plants to the right distance apart when you hoe the crop for the first time.

The right spacing and depth to plant has been worked out for most vegetables. The two UK Garden Project bulletins prepared for 4-H Club members' use illustrate spacing clearly and other UK garden publications also list the needs of the different vegetables. Your county Extension agent has these publications and will be glad to give you bulletins and any other help with your gardening problems.

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