# Fall color is always there

BY JENEEN WICHE

Fall color has started to bleed into the tapestry of our landscape this past week. It seems a bit late, it is a little confusing, actually, because October has been a dry month which typically means our fall display can come on early because trees are under stress.

Dry fall weather may even coax trees into bloom because they completely defoliate. No leaves mean the sun's warmth coaxes bud break and bloom at the wrong time of the year!

Additionally, the lack of moisture and the plant's ability to take up nutrients means that it uses up chlorophyll in the leaves at a faster rate than it can be replaced.

Early fall color (or complete leaf drop) can be considered somewhat of a defense mechanism as the plant attempts to speed dormancy in order to save some energy under stressful growing conditions. I am feeling optimistic about fall color as I look at the window at real trees!

There are many factors that trigger the color change in foliage, but what you might be surprised to learn is that those reds, oranges, yellows and purples are always present in the leaves. In fact, the colors associated with fall are just hidden by the green color that chlorophyll produces.

We all expect leaves to be green in the summer, but have you ever wondered why? Rosie Lerner, explains, "chlorophyll uses sunlight and carbon dioxide from the air to produce carbohydrates (sugars and starch), which the tree uses for food."

During the long days of summer, trees are continuously replenishing their supply of chlorophyll, which is needed to produce their carbohydrate diet. Like us, we need to eat if we are using calories.

Since trees need the sun's rays to produce and process their chlorophyll it is not surprising that as the days grow shorter, they use up their sources of chlorophyll faster than they can produce it. As the chlorophyll drains from the leaves the fall color is revealed; and the descent into dormancy begins.

Different species are associated with different colors during the fall. Some trees exhibit leaves that turn a fiery red, others yellow, orange or purple. What makes for the rainbow of colors underneath the mask of chlorophyll-green? Pigments called carotenoids (yellow, brown and orange), anthocyanin (reds and purples), and a combination of the two create the dramatic reds, bronze and bright orange found in sumacs and oaks.

The carotenoid pigments are always present in the leaves, but the anthocyanins are produced later in the summer, triggered by cooler evening temperatures and shorter days. The ideal environment for the production of anthocyanin pigments are warm, sunny days (active chlorophyll production) because more sugars will be produced; and 45° nights (refrigeration of sorts) because the sugars remain in the leaves longer. More sugar means more intense colors.

Some of the trees that I think have the prettiest fall color (and are good selections for our varying environments) include sumacs, service berries, sassafras, sugar maple, sweet gum and black gums, among many others.

Now is a good time to take notice of the color choices that nature has to offer. Visit your local nurseries or Bernheim Forest if you have questions about what you see and you will be better informed about your choices and what they can offer you in the fall.

Planting trees while they are dormant is a good practice because the cooler soil temperatures allow the roots to establish without the added stress of having to put out new growth, new foliage, or bloom. If you want to add some trees to your landscape now is a great time to grab your shovel and start planting.

# Stewart's 'Star Trek' fame, Shakespeare roots

BY JILL LAWLESS
ASSOCIATED PRESS

LONDON — Before he captained the Starship Enterprise, Patrick Stewart commanded the Shakespearean stage.

And it was the stage to which he returned time and again, even after "Star Trek: The Next Generation" and "X-Men" made him a Hollywood star.

The theater was where Stewart felt at home, and where he could fill an auditorium with his sonorous voice, tinged with a warm Yorkshire burr.

Stewart spent a decade and a half with the Royal Shakespeare Company, whose former artistic director, Gregory Doran, remembered him as "a true Shakespearean" and "a theater actor in his bones." In later life, he formed a memorable double act with his friend Ian McKellen, who called Stewart "the most respected and beloved actor of his generation."

London's West End theaters plan to dim their lights next Tuesday evening in memory of Stewart, who died Wednesday in Los Angeles, aged 86.

### A PASSION FOR SHAKESPEARE STARTED IN CHILDHOOD

He achieved both screen fame and stage kudos, a notoriously difficult balance.

McKellen warned him against starring in sci-fi after Stewart was offered a role in the "Star Trek" series, which debuted in 1987. McKellen remembered telling him to "think of your stage career" rather than risk "getting lost in Hollywood for years and years."

"Well, he took the risk and thank goodness for us all that he did," McKellen said in a social media post after Stewart's death.

Across six decades, Stewart performed in plays by modern giants including Edward Albee, Arthur Miller, Samuel Beckett and Harold Pinter. But the work of William Shakespeare was his first love and his lodestar.

During what he later called a "hand-to-mouth" childhood in northern England, Stewart's love of theater was encouraged by an English teacher and by his mother Gladys, who performed in amateur dramatics.

He memorized Shakespeare's soliloquies for fun as a teenager, won a scholarship to the Bristol Old Vic Theatre School, then performed in rep, mounting a different play every week. It was an in-at-the-deep-end training ground for young actors that he said taught him: "Learn lines, hit your marks, don't knock over the furniture."

Stewart was a core member of the Royal Shakespeare Company for a decade and a half from 1966, and later returned to the company, appearing in more than 40 productions. He moved from supporting parts to starring roles including Shylock, Prospero, Macbeth, Henry IV and Mark Antony.

Doran recalled how, in a 2006 production of "Antony and Cleopatra," Stewart had played the Egyptian queen's consort as a military hero "no longer able to live up to his own PR."

"Patrick restored the magnificence of the role in a tragedy so often regarded as 'her play,'" Doran said in a statement.

### HE WAS A CHILLING MACBETH AND A COMPLEX CLAUDIUS

Stewart's starship captain, Jean-Luc Picard, had a ramrod-straight military bearing and an underlying humanity. In 2007, he combined a martial exterior with cunning and insecurity for Shakespeare's "Macbeth." In Rupert Goold's production, set in a chilly dystopia, Stewart's murderous Scottish ruler had what an Associated Press review called "pantherlike" magnetism, and a charged sexual chemistry with Kate Fleetwood's Lady Macbeth.

Stewart earned a Tony Award nomination when the show moved from London to New York in 2008. And he was in his element.

"What I'm doing now is all I ever wanted to do," he told the AP during the Broadway run. "I didn't have any other ambitions."

Soon after, Stewart played Hamlet's murderous uncle-turned-stepfather, Claudius, to David Tennant's prince in an RSC production of Shakespeare's tragedy.

The combination of the "Star Trek" captain and "Doctor Who" star Tennant made the production a major draw. Hordes of fans thronged the stage door, and the RSC had to ban people bringing sci-fi memorabilia to be signed.

But it was clear the casting was no gimmick. Critics praised the subtle way Stewart played Claudius — potentially a one-note wicked-uncle role — as a charming, seemingly reasonable man of state. The performance won an Olivier Award.

### STEWART AND MCKELLEN WERE A FORMIDABLE PARTNERSHIP

Science fiction met the stage again when Stewart teamed up with McKellen. The two working-class northerners turned theatrical knights had first worked together in 1977 in Tom Stoppard's "Every Good Boy Deserves Favour" and became fast friends while filming the "X-Men" movies, where Stewart played Professor Charles Xavier and McKellen was Magneto.

In 2009, the two actors starred in Beckett's "Waiting for Godot," and later in Pinter's "No Man's Land," both directed by Sean Mathias. They performed the plays in London's West End, on a U.K. tour and on Broadway, where the two shows ran on alternate days.

# Ask Rusty

BY RUSSELL GLOOR
AMAC FOUNDATION

**Dear Rusty: What happens to seniors if the country runs out of funds to pay out monthly Social Security to beneficiaries? I am 78 yrs old and Social Security is my only income. Signed: Worried Senior**

**Dear Worried Senior:** Please put your mind at ease - the government will never run out of money to pay Social Security benefits. That's because if people are working and contributing to the program (e.g., always), Social Security will always have at least some money to pay benefits. What you are hearing about are recent media reports about Social Security having financial issues, expected to come to a head in just a few (six) years.

The primary risk for you (and everyone else) is this: if the reserves in the Social Security Trust Fund (currently about $2.5 trillion) run dry, it would result in a reduction to everyone's monthly benefits. Right now, the Social Security Trustees are projecting a cut of about 22% starting in the fall of 2032. But that will only happen if Congress fails to act and reform the SS program before the SS reserves are fully depleted. And that is, in our opinion, not likely to happen unless Congress is completely and totally derelict in its obligations to American seniors and their dependents. Not a pleasant scenario, but neither is it one likely to occur.

Here at the AMAC Foundation, we are working vigorously to prevent the depletion of the Social Security Trust Fund, and our expectation is that Congress will, indeed, eventually take action to prevent any cuts to monthly benefits. It would be political suicide for Congress (and any President) to allow those Social Security benefit cuts to occur. That would greatly increase the poverty level in America. As we have often reported publicly, we have already proposed a commonsense plan to restore Social Security to long term solvency and are working in Congress and with the Social Security Administration to promote the needed reform. You can see more details of AMAC's plan here: https://amac.us/social-security-guarantee

So, while we fully understand your personal anxiety, we feel confident in assuring you that you are very unlikely to experience any cuts to your monthly Social Security income. We are firmly committed to preventing that from happening and

SEE RUSTY/PAGE A6

# CHURCH

FROM PAGE A3

Operation Christmas Child are ongoing throughout the year.

### OPEN DOOR BAPTIST
Pastor Troy Winters, www.LeaveChanged.com, 859-803-6043

### PLEASANT VIEW BAPTIST
Pastor Lawrence Longworth, (859) 428-0931, pleasantviewdryridge.com

### REVIVE
Pastor Josh Cummins, revivegc.com, 859-903-9451, revivegc@gmail.com

### SHERMAN BAPTIST
Pastor Andrew Lane, (859) 428-2695, www.sherman baptist.org.

### SHERMAN SOLID ROCK FAMILY CHURCH
Pastor Bobby Coyle, 3515 Dixie Hwy., Dry Ridge

### STEWARTSVILLE BAPTIST
Pastor David C. Thomas, (502) 938-6996.

### STRINGTOWN CHRISTIAN
Pastor Rick Bullard, (859) 801-2091, Stringtowncc@gmail.com. For info, contact Darrell Hurt 859-640-6105.

### SHERMAN CHURCH OF CHRIST
Minister: Scotty Simpson, office@shermancoc.org, Phone: 859-428-1661
Traditional worship Sundays at 8:30 a.m.
Sunday School 9:45 a.m.
Praise Gathering 10:30 a.m.

### SHERMAN FULL GOSPEL
Pastor Ray Gaines, (859) 428-2200, www. shermanfullgospelchurch. com
Grant County Senior Commodities distributed the 2nd Monday of each month. Must be at least 62-years-old and meet income guidelines.
Contact Dee Keith at 859-816-7605 for information or to sign up.

### ST. WILLIAM CATHOLIC
6 Church St., Williamstown, Pastor: Rev. Benton Clift, Sr., 859-824-5381, www.saint-william.org
Mass Times: Saturday: 4:30 p.m. Sunday: 10:30 a.m.
Mobile Pantry: 2nd Monday of every month
St Vincent de Paul Outreach : Wednesdays and Fridays 9-11 a.m.

### TABERNACLE BAPTIST
Bro. Jason Coffelt, 6350 Warsaw Road, Dry Ridge, www.tabernacle baptistchurch-dryridge.com
Sunday School 10 a.m., Sunday Morning 11 a.m., Sunday Evening 6 p.m., Wednesday Evening 7 p.m.

### THE OLD CHURCH ON THE DRY RIDGE
Pastor Kathleen Daniels, (859) 468-2317, www.dryridge presbyterian.org
Worship service with Children's Church at 11 a.m.

### THE POTTER'S HOUSE
Pastors Linda Courtney and Jimmy Buford

### TRINITY METHODIST CHURCH
Pastor Ronald Adkins, 419-770-90961212 Suite C Midway Plaza, Williamstown
Sunday services at 10 a.m.

### VINE RUN BAPTIST
Minister David Foley, (859) 428-1079

### VIOLET RIDGE CHURCH OF CHRIST
Minister Tommy Simpson, 1000 Violet Road, Crittenden
Sunday School 9:30 a.m.
Sunday Morning Worship 10:30 a.m.
Sunday Night Bible Study 6 p.m.

### WILLIAMSTOWN BAPTIST CHURCH
Pastor Sam Newman, 214 North Main St., Williamstown, 859-824-4102, williamstownbaptistchurch. com
Sunday Service: Discipleship groups 10 a.m., worship 11 a.m., characters of the Bible 6 p.m.; Wednesday Worship: Family meal 5 p.m., children's activities 5:40 p.m., prayer meeting 6 p.m., youth group 6 p.m., adult choir practice 7 p.m.
Supply Closet (hygeine pantry): Tuesdays and Thursdays of the third full week of each month. For more information call 859-428-7395.

### WILLIAMSTOWN CHRISTIAN CHURCH
Senior Minister: Faron Franklin, Youth Minister: Noah Spencer, Children's Minister: Shawn West, 218 North Main St., Williamstown, (859) 823-2041, williamstownchristian. com, office@williamstown christian.com
Adult Sunday School: 8:45 a.m.
Morning Worship: 9:30 a.m.
Sunday Night Small Groups
Free Wednesday Night Meal at 5:30 p.m.

### WILLIAMSTOWN CHURCH OF GOD
113 High St., Williamstown, KY, 859-824-0910, Visit us on Facebook
Services 11 a.m. Sunday mornings and 7 p.m. Wednesday

### WILLIAMSTOWN UNITED METHODIST
Minister Rey Garcia, 859-813-0115, www.williamstownumc.org, pastorreywumc@gmail.com
Sunday School starts at 9 a.m.
Service starts at 10 a.m.

### WPHC HILLTOP
749 S. Main St., Williamstown, 859-393-7298
Sunday Service 11 a.m., Thursday Bible study 6 p.m.

### ZION BAPTIST
(859) 824-6568

**NOTICE**

Please take notice that, in an application to be filed no later than November 2, 2026, Duke Energy Kentucky, Inc. will be seeking approval from the Kentucky Public Service Commission to revise its Demand Side Management (DSM) rate for gas service and electric service for residential and commercial customers, with changes to become effective on or after December 2, 2026. Duke Energy Kentucky's current monthly DSM rate for residential gas customers is $0.014440 per hundred cubic feet and for non-residential gas customers is $0.000000 per hundred cubic feet. Duke Energy Kentucky's current monthly DSM rate for residential electric customers is $0.005514 per kilowatt-hour and for non-residential customers is $0.001154 per kilowatt-hour for distribution service and $0.000053 per kilowatt-hour for transmission service.

Duke Energy Kentucky seeks approval to revise these rates as follows: Duke Energy Kentucky's monthly DSM rate for residential gas customers would increase to $0.016297 per hundred cubic feet and for non-residential gas customers would remain at $0.000000 per hundred cubic feet. Duke Energy Kentucky's monthly DSM rate for residential electric customers would increase to $0.008337 per kilowatt-hour and for non-residential customers would decrease to ($0.000755) per kilowatt-hour for distribution service and would decrease to ($0.000167) per kilowatt-hour for transmission service.

The rate contained in this notice is the rate proposed by Duke Energy Kentucky. However, the Public Service Commission may order a rate to be charged that differs from this proposed rate. Such action may result in a rate for consumers other than the rate in this notice. The foregoing rates reflect a proposed increase in residential electric revenues of approximately $4.6 million or 2.08% over current residential electric revenues and decrease in non-residential revenues of approximately ($4.6) million or (1.59%) over current non-residential revenues. The proposed rates reflect an increase in residential gas revenues of approximately $0.1 million or 0.07% over current total gas revenues. There is no change to non-residential gas revenues.

A typical residential gas customer using 70 ccf in a month will see an increase of $0.13 or 0.1%. A typical residential electric customer using 1000 kWh in a month will see an increase of $2.78 or 2.0%. A typical non-residential electric customer using 40 kilowatts and 14,000 kWh will see a decrease of ($26.21) or (1.5%). A non-residential customer served at transmission voltage using 10,000 kilowatts and 4,000,000 kWh will see a decrease of ($1,423.68) or (0.4%). Non-residential gas customers will see no change in their bills from this application.

Any corporation, association, body politic or person may by motion within thirty (30) days after publication or mailing of notice of the proposed rate changes, submit a written request to intervene to the Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602, and shall set forth the grounds for the request including the status and interest of the party. If the Commission does not receive a written request for intervention within thirty (30) days of the initial publication or mailing of the notice, the Commission may take final action on the tariff filing. The intervention may be granted beyond the thirty (30) day period for good cause shown. Written comments regarding the proposed rate may be submitted to the Public Service Commission by mail or through the Public Service Commission's website. A copy of this application filed with the Public Service Commission is available for public inspection at Duke Energy Kentucky's office at 1262 Cox Road, Erlanger, Kentucky 41018 and on its website at http://www.duke-energy.com. This filing and any other related documents can be found on the Public Service Commission's website at http://psc.ky.gov and are available for inspection at 211 Sower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m.