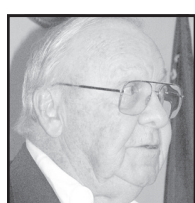


Gardener explains the uses of fallen leaves

By Kay Melia
vkmelia@yahoo.com



kay melia

• the gardener

Alright, here's what I want you to do. Next time you go to the store, buy a box of those big 10 gallon black plastic trash bags. You know, the ones with the red, blue, or yellow drawstrings that you see in the picture on the box. Try your best to avoid those bags with no drawstrings, even though they're a little cheaper, because you're going to need the bags with drawstrings for this project. When you get home, find your rake, and go out and rake your

leaves. If your leaves are just lying there on your lawn, put the bag on the mower and pick up the leaves in that manner, being careful not to pick up locust bean pods, small tree limbs and children's toys. When the mower bag is filled, empty the contents into one of those 10 gallon trash bags you just bought. Fill as many bags as you possibly can, and

then offer to pick up the leaves in your neighbor's yard and fill a few more bags. Store those bags of leaves in the garden shed, garage, or barn, or just stack them out by the back fence. Then go to the phone and call the guy who takes care of lawns for some of the town's residents and ask him if he would mind hauling his next load of leaves over to your house and dump them on your garden plot. Tell that if he'll do that, it might be worth a cantaloupe to him next summer. First chance you get, scatter that load of leaves evenly over the garden and plow them under, as deeply as you can. Or call the kid down the street who owns a rototiller and have him do the job for you. Wow! You have your garden put to bed for the winter, plus you have 10 or 12 bags of nice clean leaves stored away to use for mulching next spring's crop of potatoes, cucumbers and tomatoes! Actually, you're way ahead of most of us who may still be waiting for the leaves to fall. The timing of the above procedure can vary from 10 to 20 days and still achieve the same result.

But do it! If not next week, then anytime before the ground freezes, which which is generally sometime between December 10th and 20th in our area. Plowing under leaves in your garden in the fall does so much to add to the texture of the soil in which you will entrust your seeds next spring. You'll be amazed at the new workability. It doesn't have to be leaves...any kind of material such as straw, old hay or dry manure plowed into your garden this fall will biodegrade during the winter months due to the freezing and thawing process. The job needs to be done just as soon as you can clear

your plot of the old tomato vines, the corn stalks and the expired squash vines. Burn the old tomato vines, or haul them to the landfill. But run the mower over the rest of the material including the cornstalks, and then plow it under when you can. Everyone's garden soil must be regenerated annually in order for us to realize a bumper crop next season. Look ahead a little. Locate some leaves now, or when they magically appear in yards everywhere. They're free. They're plentiful. But they need your help to put them in their proper place!

Which fields are most likely to have Hessian flies?

Which wheat fields are most likely to be infested with Hessian fly in the fall? Should you wait until the Hessian fly free date to plant your wheat?



jeanne falk

• extension district

In theory, waiting to plant until the best pest management planting date allows time for the main fall brood of adult Hessian flies to emerge and die before wheat is planted. Without live wheat plants, emerging females are deprived of a place to lay eggs, minimizing fall infestation. There is still some risk if a nearby infestation exists and a secondary fall brood develops. The risk of fall infestation is almost always greater where wheat is planted before the best planting date, especially during years favorable for fly development. Observance of the best planting date also reduces the incidence of wheat streak mosaic and barley yellow dwarf viruses. The best planting date strategy is based on studies conducted from 1918-1935, and best planting dates are based on

data collected more than 70 years ago, but are now being refined. The historical Hessian fly free dates for the following counties are September 15 in Cheyenne and Sherman, September 19 in Rawlins, September 20 in Thomas, and September 21 in Logan. There is not a defined fly-free date in Wallace County. These fly-free dates are still being updated. The relatively mild fall weather in recent years, along with a slight increase in average fall temperatures over the last 30 years, has reduced the effectiveness of using this date as a planting guide. In studies conducted in Sedgwick County during 2006-2010 using a Hessian fly pheromone trap, adult flies were

active until early December. It seemed that more adult flies were trapped after a rain. The impact of this extended Hessian fly activity on wheat or on fly population density is not known, but it is interesting to note that potential for Hessian fly infestation exists longer into the fall than historical data indicate. In addition, the best planting date may not always present the best planting date for optimum yield, but on average, it correlates well. The date can be used on an individual-field basis but will be more effective when it

is practiced area wide. Planting too late is also risky. Growers may be surprised to learn that delaying planting too late in the fall can actually increase the risk of Hessian fly infestation. While late planting dates may protect the field against fall infestation, the result is smaller plants in the spring. And

when the spring brood of flies is active in March or April, those females prefer younger plants for egg laying. Thus, if a source of infestation is nearby, very-late-planted wheat of a susceptible variety may suffer extensive damage from spring infestations.

Worship warms the heart

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Wednesday: Royal Rangers, Missionettes 6:30 p.m. during school year
 Youth @ the Rock House, Sixth & Caldwell: 6:30 p.m.
 Life Groups - Call for information
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Goodland United Methodist Church
 1116 Sherman 899-3631
Pastors: Dustin and Shelly Petz
Saturday: Worship: 5:30 p.m.
Sunday: Adult Classes: 9:15 a.m.
 Worship: 10:30 a.m.
Wednesday: Wednesday Nite Live
 5:45 - 6:45 p.m. Simple Supper "Free will Offering
 6:30 - 7:30 p.m. Classes for all ages

Pleasant Home Church
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 Rt. 1, Box 180 • 3190 Road 70
 (785) 694-2807
Pastor: Perry Baird
Sunday: Worship Service: 9 a.m.
 Sunday School: 10 a.m.

Promiseland Baptist Church
Pastor: Rick Holmes • 890-7082
 225 W. 16th
 (785) 890-7944
Sunday: Sunday School: 10:30 a.m.
 Morning Service: 11:30 a.m.
 Evening Service: 6:30 p.m.
Wednesday: Bible Study Service 6:30 p.m.
Thursdays: Adult Bible Study 7-8 p.m.

Bible Baptist Church
Pastor: Clifford Middlebrooks
 Fifth & Broadway
 890-7368
Sunday: Sunday School: 9 a.m.
 Morning Service: 10 a.m.
 Evening Service: 6:30 p.m.
Wednesday: Evening Bible Study: 7 p.m.

Church of Jesus Christ of Latter-Day Saints
 1200 15th Street • Burlington, CO
 (719) 346-7984
Sacrament Meeting: 10 a.m.
Sunday School: 11:15 a.m.
Priesthood/Relief Society: 12 a.m.

Iglesia Del Dios Vivo
 La Luz Del Mundo
 Spanish Speaking Church
Minister: Esteban Ortiz B.
 1601 Texas • 899-5275
Daily Prayer: Sunday thru Saturday: 5a.m. & 6 p.m.
Sunday: Sunday School: 10 a.m.

United Methodist Church Brewster:
Pastor: Dorine Chambers
 Worship Service: 10:45 a.m. CST
 Sunday School: 9:45 a.m. CST
Winona:
Minister: Sheryl Johnson
 Worship Service: 9 a.m. CST
 Sunday School: 10:15 am CST

First Christian Church (Disciples of Christ)
Pastor: Rev. Carol Edling Jolly
 Eighth & Arcade • 890-5233
Sunday: Church School - All ages 9:15 a.m.
 Worship 10:30 a.m.
 Youth Group: 1st and 3rd Sundays 5-7 p.m.
Thursday: Prayer Class - Noon
Pastor Carol's Class 5:45 p.m.
www.goodlandfccdoc.org

Kanorado United Methodist Church
Pastor: Leonard Cox
 399-2468
Sunday: Sunday School: 9 a.m.
 Worship Service: 10:15 a.m.

Church of the Nazarene
Pastor: Bob Willis
 Third & Caldwell
 899-2080 or 899-3797
Sunday: Sunday School: 9:45 a.m.
 Worship Service: 10:50 a.m.
 Evening Service: 6 p.m.
Wednesday: Evening Service: 7 p.m.

St. Paul's Episcopal Church
 13th & Center
 Church 890-2115 or 890-7245
Services: 5 p.m. Saturday evening

Goodland Bible Church
 109 Willow Road • 899-6400
Pastor: Chad DeJong
Sunday: Sunday School: 9:30 a.m.
 Morning Worship: 10:45 a.m.
 6 p.m. AWANA during school
 Evening Worship: 7:30 p.m.
Wednesday: 6:30 youth group
 Growth groups call for information
www.goodlandbible.org

First Baptist Church
Pastor: Travis Blake
 1121 Main
 890-3450
Sunday:
 Coffee fellowship: 9:30 a.m.
 Morning Worship: 10 a.m.
 Sunday School: 11:15 a.m.
Thursday: Bible study 9:30 a.m.
 Wheatridge Center

Our Lady of Perpetual Help
Pastor: Father Norbert Dlabal
 307 W. 13th • 890-7205
Sacrament of Reconciliation:
 5-5:45 p.m. Saturday or by appointment
Mass Schedule:
 Saturday: 6 pm, Sunday: 10:30 am
Spanish Mass:
 Sunday: 12:30 pm

Harvest Evangelical Free Church
 521 E. Hwy. 24 • 890-6423
Pastor: Brian Fugleberg
Sunday: Worship: 10:30 a.m.
 Sunday school: 9:30 a.m.
Wednesday:
 Senior High: 6:30 p.m. at the church
 Junior High: 6:30 p.m. at the church
www.goodlandfree.com

Seventh Day Adventist Church
 1160 Cattletrail
Pastor: Jerry Nowack
Saturday: Sabbath School: 9:30 a.m.
 Worship Service: 11 a.m.

Emmanuel Lutheran Church
 13th & Sherman • 890-6161
Pastor: Darian Hybl
Sunday: Christian education/fellowship:
 10:15 a.m.
 Worship Service: 9 a.m.

Church of Christ
 401 Caldwell
 890-6185
Sunday: Bible Study: 9:45 a.m.
 Worship Service: 10:45 a.m.
Wednesday: Bible Study: 7 p.m.

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