Rolling Prairie Extension

Every once in a while, I hear comments like Extension is out dated and no longer needed. Comments like that tend to rub me the wrong way as an employee of the Kansas Extension Service for over 21 years. We are in a world where there all kinds of information resources are available to a person. Look at all the self-help books, web sites, and educational programs on television that people have available. People have smart phones or tablets with applications for everything you can think of. Everybody from the young to the old is on the computer, smart phone, or watching an educational program on TV. The world has become a cornucopia of knowledge. So some people, think Extension is no longer needed. However, those folks could not be more wrong.

The truth is Extension is needed now more than ever before. The average citizen is bombarded with more information than they can absorb. What happens when you get on the computer and use a search engine? You are given the sites that have received the most hits. Does this mean this is the best information available? Not necessarily! It means that whoever created the site also did the best job of setting up the key words. The problem is many people think it is the best information and they follow it blindly. What happens then is the project doesn’t do what the web site said it would do, or it costs too much, or is too difficult or a hundred other reasons for failure.

So you may ask how is an Extension Agent better? Your Extension Agent lives where you live. They know about your climate, soil and what type of plants work best in your area. They know what kind of pests you may encounter, whether they are insects, disease or weeds. A large percentage of the time the problem or idea you have is something they have already encountered. Extension Agents work with lots of people each week and thousands of questions each year. It does not matter if it involves horticulture, agriculture, family living topics, 4-H & youth, or working around the house, they have knowledge of what can be done to help you.

Some say that Extension is out dated and no longer needed as you can just use a search engine like Google to get your answer. However, why not use the best search engine; a “living breathing search engine.” Call or visit your local Rolling Prairie District Extension Agent. The Kansas Extension Service is making a difference in the lives of Kansans. Programs and information from the Extension Service in Kansas are relevant, reliable, responsive and rewardable.

Rolling Prairie Extension District
Representing Chautauqua and Elk Counties

Spring 2015

Sedan Office
Courthouse
Sedan, KS 67361-1326
Phone: 620-725-5890
Fax: 620-725-5892

Howard Office
130 South Pennsylvania
Howard, KS 67349-0647
Phone: 620-374-2174
Fax: 620-374-2889

www.rollingprairie.ksu.edu

Rolling Prairie Extension
District Staff

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Doris Bracken
Office Professional, Sedan

Norma Beougher
Office Professional, Howard
Rolling Prairie 4-H Summer Activities

May 26-29—Discovery Days @ Manhattan

June 2—Favorite Foods Show @ Howard

Registration forms were sent out in the 4-H newsletter and are due by May 29th.

June 2—”I’m Hungry” Cooking Workshop @ Howard

The workshop will be from 1:00 pm to 3:00 pm. Registration is $5 and is due May 29th.

June 4—”I’m Hungry” Cooking Workshop @ Sedan

The workshop will be from 1:00 pm to 3:00 pm. Registration is $5 and is due May 29th.

June 5—Canning Workshop @ Moline

The workshop will be from 9:00 am to 4:00 pm. Registration is $25 and is due by June 3th.

June 6—Foods Judging Workshop @ Independence

Registration is due to Barbara Ames by May 29th at (620) 331-2690. Registration is $8 and each participant is asked to bring a serrated knife, cutting board and homemade food item.

June 9—Photography Workshop @ Moline

The workshop will be from 9:00 pm to 3:00 pm. Registration is $5 and is due June 5th.

June 13—4-H Day Camp @ Howard

The workshop will be from 10:00 am to 2:00 pm. Registration is $10 and is due June 5th.

June 15-18—4-H Camp @ Rock Springs

Forms and $175 registration fee are due May 11th.

June 26—Sewing Workshop @ Needle in the Haystack

The workshop will be from 10am-12pm. Making origami bags. All material may be purchased there for 20% off that day.

June 30—Poultry and Rabbit Pre-Fair Clinic @ Howard

Call your extension office for more information about the events or to register. All events are subject to change or cancellation.

Howard— 374-2174 Sedan—725-5980

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Spot Spraying Rates and Recommendations for Brush Control

Richard H Fechter
Rolling Prairie Extension District Director, Agriculture and Natural Resources

*This guide offers both per acre rates and spot spraying rates of herbicides to use for controlling brush and costs based on prices from the Kansas State University 2015 Chemical Weed Control Book (SRP 1117).*

A list of herbicides that are typically used for brush control and the prices that are used to calculate the cost of treatment.

<table>
<thead>
<tr>
<th>Herbicide</th>
<th>Manufacturer</th>
<th>Cost</th>
<th>Active Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crossbow</td>
<td>Dow AgroSciences</td>
<td>$54.85/gallon</td>
<td>2.0 lb 2,4-D &amp; 1.0 lb Triclopyr/gallon</td>
</tr>
<tr>
<td>Chaparral</td>
<td>Dow AgroSciences</td>
<td>$5.65/ounce</td>
<td>52.5% Aminopyralid &amp; 9.45% metsulfuron</td>
</tr>
<tr>
<td>Escort XP</td>
<td>DuPont</td>
<td>$14.80/ounce</td>
<td>Metsulfuron</td>
</tr>
<tr>
<td>GrazonNext HL</td>
<td>Dow AgroSciences</td>
<td>$49.50/gallon</td>
<td>0.41 lb Aminopyralid &amp; 3.33 lb 2,4-D Amine/gallon</td>
</tr>
<tr>
<td>Remedy Ultra</td>
<td>Dow AgroSciences</td>
<td>$72.00/gallon</td>
<td>4.0 lb Triclopyr/gallon</td>
</tr>
<tr>
<td>Tordon 22K (<em>restricted use</em>)</td>
<td>Dow AgroSciences</td>
<td>$71.50/gallon</td>
<td>2.0 lb Picloram/gallon</td>
</tr>
<tr>
<td>2,4-D LVE</td>
<td></td>
<td>$22.00/gallon</td>
<td>4.0 lb/gallon</td>
</tr>
</tbody>
</table>

**HEDGE: (Foliar Application) June - July.** Can use Remedy Ultra or Crossbow. Remedy Ultra is cheaper on a per treatment basis. One gallon of Remedy Ultra contains four times as much triclopyr as one gallon of Crossbow.

<table>
<thead>
<tr>
<th>Sprayer Size/Amount of Water</th>
<th>Remedy Ultra &amp; Cost</th>
<th>or</th>
<th>Crossbow &amp; Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Acre Rate</td>
<td>1.5 pints/$13.50</td>
<td></td>
<td>1.5 gallons/$82.28</td>
</tr>
<tr>
<td>14 gallon</td>
<td>9 ounces/$5.06</td>
<td></td>
<td>27 ounces/$11.57</td>
</tr>
<tr>
<td>25 gallon</td>
<td>1 pint/$9.00</td>
<td></td>
<td>1.5 quarts/$20.57</td>
</tr>
<tr>
<td>50 gallon</td>
<td>1 quart/$18.00</td>
<td></td>
<td>3 quarts/$41.14</td>
</tr>
<tr>
<td>100 gallon</td>
<td>2 quarts/$36.00</td>
<td></td>
<td>1.5 gallons/$82.28</td>
</tr>
</tbody>
</table>

**GENERAL BRUSH & LOCUST: (Foliar Application) June - July.** Whenever you have locust trees you are treating, you need to have some Tordon 22K in your mix for more effective control.

<table>
<thead>
<tr>
<th>Sprayer Size/Amount of Water</th>
<th>Remedy Ultra &amp; Cost</th>
<th>Tordon 22K &amp; Cost</th>
<th>2,4-D LVE &amp; Cost</th>
<th>Surfactant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Acre Rate</td>
<td>1 pint/$9.00</td>
<td>1 pint/$8.94</td>
<td>1 pint/$2.75</td>
<td>1 pint</td>
</tr>
<tr>
<td>14 gallon</td>
<td>9 ounces/$5.06</td>
<td>9 ounces/$5.03</td>
<td>9 ounces/$1.55</td>
<td>9 ounces</td>
</tr>
<tr>
<td>25 gallon</td>
<td>1 pint/$9.00</td>
<td>1 pint/$8.94</td>
<td>1 pint/$2.75</td>
<td>1 pint</td>
</tr>
<tr>
<td>50 gallon</td>
<td>1 quart/$18.00</td>
<td>1 quart/$17.88</td>
<td>1 quart/$5.50</td>
<td>1 quart</td>
</tr>
<tr>
<td>100 gallon</td>
<td>2 quarts/$36.00</td>
<td>2 quarts/$35.75</td>
<td>2 quarts/$11.00</td>
<td>2 quarts</td>
</tr>
</tbody>
</table>

**Heavy Brush: (Foliar Application) June - July.** Very dense with multiple species present. *This information is from Dow AgroSciences.*

<table>
<thead>
<tr>
<th>Sprayer Size/Amount of Water</th>
<th>Remedy Ultra &amp; Cost</th>
<th>GrazonNext HL</th>
<th>Surfactant</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 gallon</td>
<td>4 tsp/$0.38</td>
<td>2 tsp/$0.13</td>
<td>4 tsp</td>
</tr>
<tr>
<td>14 gallon</td>
<td>9.5 ounces/$5.32</td>
<td>4.75 ounces/$1.85</td>
<td>9.5 ounces</td>
</tr>
<tr>
<td>25 gallon</td>
<td>1 pint/$9.00</td>
<td>8 ounces/$3.09</td>
<td>1 pint</td>
</tr>
<tr>
<td>50 gallon</td>
<td>1 quart/$18.00</td>
<td>1 pint/$6.19</td>
<td>1 quart</td>
</tr>
<tr>
<td>100 gallon</td>
<td>2 quarts/$36.00</td>
<td>1 quart/$12.38</td>
<td>2 quarts</td>
</tr>
</tbody>
</table>
BLACKBERRIES: Apply in spring after plants have dropped their flower petals. Usually late May. Plants flower on year-old wood, so if plants were mowed off last summer or burned this spring, plants will not flower. In this case, wait until new growth has produced 18 inch long stems, then spray. Early June in most years.

<table>
<thead>
<tr>
<th>Sprayer Size/Amount of Water</th>
<th>Remedy Ultra &amp; Cost</th>
<th>Escort XP &amp; Cost</th>
<th>Surfactant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Acre Rate</td>
<td>1.5 pints/$13.50</td>
<td>0.5 ounce/$7.40</td>
<td>1 quart</td>
</tr>
<tr>
<td>14 gallon</td>
<td>18 ounces/$10.13</td>
<td>0.14 ounce (4.2 grams)/$2.07</td>
<td>1/2 cup</td>
</tr>
<tr>
<td>25 gallon</td>
<td>1 quart/$18.00</td>
<td>0.25 ounce (7.5 grams)/$3.70</td>
<td>1 cup</td>
</tr>
<tr>
<td>50 gallon</td>
<td>2 quarts/$36.00</td>
<td>0.5 ounce/$7.40</td>
<td>2 cups</td>
</tr>
<tr>
<td>100 gallon</td>
<td>1 gallon/$72.00</td>
<td>1 ounce/$14.80</td>
<td>1 quart</td>
</tr>
</tbody>
</table>

BUCKBRUSH: Apply when buckbrush is nearing full leaf stage and growing actively. Normal treatment time is May 1 - 15. 2,4-D LVE can be used at 1 - 2 quarts/acre or a 1% solution for spot treatments.

<table>
<thead>
<tr>
<th>Sprayer Size/Amount of Water</th>
<th>2,4-D &amp; Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Acre Rate</td>
<td>2 quarts/$11.00</td>
</tr>
<tr>
<td>14 gallon</td>
<td>18 ounces/$7.71</td>
</tr>
<tr>
<td>25 gallon</td>
<td>1 quart/$5.50</td>
</tr>
<tr>
<td>50 gallon</td>
<td>2 quarts/$11.00</td>
</tr>
<tr>
<td>100 gallon</td>
<td>1 gallon/$22.00</td>
</tr>
</tbody>
</table>

SERICEA LESPEDEZA: Two chemicals work well on Sericea Lespedeza. They are Remedy Ultra and Escort XP. Remedy Ultra applications work best when the new growth is 12 to 15 inches tall, which usually occurs in June. The broadcast application rate for Remedy Ultra is 1.5 pints per acre. Triclopyr is the active ingredient in Remedy Ultra. Escort XP works best when applied in the fall when the Sericea Lespedeza plants are flowering. Depending on moisture, that could be as early as mid-August, but generally occurs in September. If fall weather is dry, delay application until flowers open. Dry weather will result in poor herbicide uptake and poor control. Add a non-ionic surfactant to Escort XP.

<table>
<thead>
<tr>
<th>Sprayer Size/Amount of Water</th>
<th>Remedy Ultra &amp; Cost</th>
<th>Escort XP &amp; Cost</th>
<th>Surfactant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Acre Rate</td>
<td>1.5 pints/$13.50</td>
<td>0.5 ounce/$7.40</td>
<td>1 quart</td>
</tr>
<tr>
<td>14 gallon</td>
<td>18 ounces/$10.13</td>
<td>0.14 ounce (4.2 grams)/$2.07</td>
<td>1/2 cup</td>
</tr>
<tr>
<td>25 gallon</td>
<td>1 quart/$18.00</td>
<td>0.25 ounce (7.5 grams)/$3.70</td>
<td>1 cup</td>
</tr>
<tr>
<td>50 gallon</td>
<td>2 quarts/$36.00</td>
<td>0.5 ounce/$7.40</td>
<td>2 cups</td>
</tr>
<tr>
<td>100 gallon</td>
<td>1 gallon/$72.00</td>
<td>1 ounce/$14.80</td>
<td>1 quart</td>
</tr>
</tbody>
</table>

Spray Solution - In order to get good control, the amount of spray solution per acre must be increased. This is necessary to insure complete coverage of the sericea lespedeza plant. The recommended rates are:

- By air -- minimum of three gallons per acre to as much as five gallons per acre for dense stands.
- By ground -- a minimum of 10 gallons per acre to as much as 20 gallons per acre for dense stands.

All chemicals are subject to label statements. Those who apply chemicals are responsible for correct use. ALWAYS READ THE LABEL BEFORE PURCHASE AND/OR USE. Be sure you know how to apply, rate to apply, time of year to apply and use restrictions. The user is responsible.

Helpful Measurement Conversions

<table>
<thead>
<tr>
<th>3 teaspoons = 1 tablespoon</th>
<th>1 pint = 2 cups = 16 ounces = 1 pound</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 tablespoons = 1 ounce</td>
<td>1 quart = 4 cups = 2 pints = 32 ounces</td>
</tr>
<tr>
<td>1 cup = 16 tablespoons = 8 ounces</td>
<td>1 gallon = 16 cups = 8 pints = 128 ounces</td>
</tr>
</tbody>
</table>

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Preserve It Fresh: Asparagus

Fresh asparagus is always a welcome sight in early spring. After a long winter, it is usually our first opportunity for a fresh vegetable straight from the garden. If you have more than you are able to eat, there are a variety of ways to preserve it!

Look for firm, crisp stalks with brightly colored closed tips when purchasing asparagus. The best way to store fresh asparagus is in the refrigerator upright in a drinking glass or jar filled with about an inch of water. Place a plastic bag loosely around the top. It should last three to four days stored this way.

If you want to freeze your asparagus, wash the spears and sort them according to size. Trim the stalks. Blanch small spears for 2 minutes, medium spears for 3 minutes and large spears for 4 minutes. Remove from boiling water and dip immediately into ice water for 2 minutes. Promptly drain, place into containers, seal and freeze. It should maintain good quality for up to 9 months in the freezer.

Asparagus can be preserved by pressure canning. It can be hot or raw packed. To hot pack, boil the washed 1-inch pieces for 2-3 minutes. Pack asparagus and hot cooking liquid or boiling water into hot jars leaving 1-inch of headspace. Remove air bubbles. Wipe the jar rims. Then place and adjust lids. If altitude is 1,000 feet or less, process at 11 pounds of pressure on a dial gauge or 10 pounds with a weighted gauge. Pints should be processed for 30 minutes; quarts for 40 minutes.

www.ksre.ksu.edu/bookstore/pubs/MF1181.pdf

Do I Need to Test My Pressure Gauge?

If you have a dial gauge pressure canner, the answer is YES! If you have a metal weighted gauge pressure canner, it does not require testing. However a dial gauge must be tested for accuracy before each canning season! Contact your local extension office to get your gauge tested!

Howard (620)374-2174 or Sedan (620)725-5890
**Pickled Asparagus**

*Ingredients for 6 wide-mouth pint jars*

- 10 pounds asparagus
- 6 large garlic cloves
- 4 ½ cups water
- 4 ½ cups white distilled vinegar (5%)
- 6 small hot peppers (optional)
- ½ cup canning salt
- 3 teaspoons dill seed

Gently wash asparagus under running water. Cut stems from the bottom to leave spears with tips that fit into the canning jar, leaving half of an inch of headspace. Peel and wash garlic cloves. Place a garlic clove in each hot jar. Pack asparagus tightly into the jars with the blunt ends down.

In an 8-quart saucepan, combine water, vinegar, hot peppers, salt and dill seed. Bring to a boil. Place one hot pepper (if used) in each jar over asparagus spears. Pour boiling hot pickling brine over spears, leaving ½ inch headspace. Remove air bubbles and adjust headspace if needed.

Wipe rims of jars with a clean dampened cloth. Adjust lids. Process in a boiling water bath; 10 minutes at 0-1,000 feet of altitude, 15 minutes if over 1,000 feet of altitude.

**New Ball Blue Book Available**

The 37th edition has a new look and 75 new recipes. These tested recipes help consumers preserve food safely for later use.

$11.95

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**Upcoming Calendar**

**May 2nd - Elk County Health Fair**
Hornets Nest, Moline
8am-10am
Lipid Panel - $12
CMP - $15
CBC - $15
Prostate - $25
Thyroid - $20
Hemoglobin A1C - $25
Free Blood Pressure Checks

**May 9th - Chautauqua County Health Fair**
Sedan High School Gym, Sedan
8am-10am
Lipid Panel, CMP, CBC (Group) - $20
Hemoglobin A1C - $10

**June 5th - Preservation Workshop**
Moline School Cafeteria, Moline
$25 to Register, Lunch Provided
9am-4pm

**June 6th - Foods Judges Training**
Wildcat District Extension Office
410 Peter Pan Road
Independence, KS
$8 to Register, Lunch Provided
10am-3pm

**For More Information or to Register:**
Call Jill Morgan
Howard (620)374-2174 or Sedan (620)725-5890
jilmorg@ksu.edu
Texas Style
Presented by the Rolling Prairie Extension District
October 9 - 15, 2015

Day 4  CB  San Antonio, TX
Travel to San Antonio this morning. A city with a rich history and attractive design, it is a great place to spend a few days. This afternoon, remember the Alamo with a spectacular IMAX production of this famous battle, and explore the site itself to feel the haunting presence of the men who died there. Spend the evening cruising the famous River Walk, getting a great view of the city. We stay on the River Walk for the next two nights.

Day 5  CB, D  San Antonio, TX
Begin the day with a stroll through the San Antonio Botanical Garden. A lovely collection of native plants and exotic beauties, the garden makes for a peaceful morning. Later, enjoy a city tour, including famous sites such as the missions that were responsible for the city’s growth, as well as less prominent but fascinating stops outlining the important town’s history. This evening, San Antonio is set beneath our feet as we dine atop the famous Tower of the Americas, built to host the 1968 Hemisfair in the Alamo City.

Day 6  CB, L, D  Plano, TX
Austin is a unique city providing a blend of Old West charm, southern hospitality, and modern sophistication. Visit famous sights like the University of Texas, the Capitol, Town Lake, the 360 bridge, Lake Travis, the Hill Country, and much more. To start this morning, visit the natural world envisioned by Lady Bird Johnson, a fierce advocate for native plants. The Lady Bird Johnson Wildflower Center protects and preserves North American wildflowers, and the fruits of their efforts are beautiful. Tour the gardens and enjoy lunch here this afternoon. This evening, stay at the famous Southfork Ranch, where 13 years of the hit show, “Dallas”, was filmed. See where the Ewings called home and where millions of viewers were guests each week, and enjoy dinner here.

Day 7  CB, L  Home
Travel home today, with a stop for lunch at Marland Mansion, the dream of an oil baron that became a palace.

Pricing Information:

$1099 - PER PERSON DOUBLE
$1469 - SINGLE
$999 - PER PERSON TRIPLE
$929 - PER PERSON QUAD
$50 DEPOSIT PER PERSON

INCLUDED:
Deluxe Motorcoach Transportation
Quality Accommodations & Luggage Handling
Amenities Listed & 11 Meals
Services of a Village Tours Director

Optional Cancellation Insurance Available
Final Payment due 35 days prior to departure

RESERVATION REQUEST - Return with a $50 per person deposit to:
Rolling Prairie Extension District
Jill Morgan
PO Box 647
Howard, KS 67349-0647
(620) 374-2174

NAME:
ADDRESS:
CITY:  STATE:  ZIP:  PHONE:

Type of Lodging  (Circle One)  Single  Double  Triple  Quad

Roommate(s):

Village Tours & Travel  8620 W 21 St., Wichita, KS 67205
MAKE CHECKS AVAILABLE TO VILLAGE TOURS  800-333-0312
Village Tours - Texas Style - Rolling Prairie Extension District - 10/9/2015

Registration Deadline - August 3rd, Due to Howard Extension Office  Travel Guard Insurance Available
Rolling Prairie Extension District #8, Chautauqua and Elk Counties
130 S. Pennsylvania
PO Box 647
Howard, KS 67349-0647

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