

UNIVERSITY OF SASKATCHEWAN College of Agriculture and Bioresources Agbio.usask.ca

Gardening at the U of S sponsored by the master gardener program

gardening.usask.ca



June 17—last day to register for the EARLY BIRD DISCOUNT FREE EVENTS—see inside for details!

Important Information for Hort Week Participants

All Hort Week classes are open to everyone. Classes fill up quickly, some have limited enrolment, so register early.

(MGCC) after the class title denotes Master Gardener Core Course, to participate in if you wish to work towards your Master Gardener Certificate.

For additional information about classes, email **gardening@usask.ca** or phone 306.966.5097.

Early Bird Registration: Last day to register for a 10% discount is June 17.

TO REGISTER:

Visit gardening.usask.ca.

Phone 306.966.5539.

Drop in to the Registration Office, Room 232, Williams Building, 221 Cumberland Avenue North, Monday to Friday from 8:30 am to 4:00 pm.

Hort Week Locations

All classes will be held in the Agriculture Building (51 Campus Drive) on the University of Saskatchewan Campus except for the Sunday evening lecture and the free tours. For room numbers for each class go to the Ag building kiosk in the atrium. **Visit gardening.usask.ca for a map of campus and event locations.**

Parking

Parking on campus is limited. Daytime parking meters are for short periods of time only. Parking is available at the Agriculture Parkade (Science Place) for \$6.00 per exit. Parking Lot 4 (Innovation Blvd) or the Stadium Parkade (College Drive) is \$4.00 per exit.

Refreshment and Lunch Breaks

Two breaks with complimentary refreshments are provided each day. Lunch breaks are scheduled from 12:00 noon to 1:00 pm. Lunch is not provided. Various locations on campus, including the Agriculture and Arts cafeterias as well as Tim Hortons in the Biology building are open for weekday hours only (closed evenings and weekends). We will have a water cooler available, bring your refillable water bottle.

Hort Week is a scent-free event. Please refrain from wearing perfumes or aftershave lotions.

Accommodations on Campus

Stay at the U of S residence. Double rooms are \$54.55 (taxes included) per person per night. Single rooms are \$61.90 (taxes included) per person per night. A hot breakfast is included. There is also a one-time administration fee of \$15.00 (plus GST) per person. To make reservations, please go to **livewithus.usask.ca**, go to Conferences & Short Stay Accommodation then click on Individual Booking Registration. If you do not have internet access please call the Conference Office at 306.966.3282 and they will send you a reservation form. Reservations need to be booked three days prior to your arrival date. Minimum stay is three nights.

Saturday, July 2 and Sunday, July 3

Garden Fundamentals (MGCC) 1A

Vanessa Young; U of S Master Gardener Coordinator, Plant Sciences, U of S Saturday, July 2 & Sunday, July 3, 9:00 am–4:00 pm \$150 plus GST, includes materials

Understanding basic horticulture will help you solve many common problems as you become a better gardener. This two-day class is packed with practical hands-on activities. Learn the basics of soils, climate, plant nutrition, botany, mulches and watering. This is a great class for new gardeners and gardeners new to Saskatchewan.



Sunday, July 3

Backyard Vegetable Gardening 2A

Jackie Bantle; Horticulturist, Plant Sciences, U of S

1:00–4:00 pm \$50 plus GST

How do you get the best harvest in our limited growing season? Designed for beginning and intermediate gardeners, this class will teach the basics of vegetable gardening from planning and planting to harvest along with suggestions for timelines and long term storage.

FREE Sunday Night Lecture Xeriscape: Principles, Plants and Practices of Low Water, Low-Maintenance Gardening 2B

Sara Williams; Author, Retired Horticulturist, U of S

FREE–Sponsored by the City of Saskatoon

See back cover for description.





Monday, July 4

Cactus and Yucca 3A

Lyndon Penner; Author and Radio Personality

9:00	am-	-noon
\$50	plus	GST

Cactus are plants that appeal to different people for different reasons. Some folks love them for their diversity of shapes and structures, some love them for their blossoms, others love them for their drought resistance and low maintenance. Lyndon loves them for all of these reasons. There are a huge number of kinds of cactus in the world, a remarkable amount of which have spectacular flowers. Many of them are perfectly hardy even in prairie gardens. Some are tremendously good houseplants. Yuccas offer interesting shapes, unusual flowers, and excellent drought resistance. If you've ever wanted to learn more about these plants—either for indoor or outdoor use, you'll want to attend this class.



Hands-On Plant Propagation 3B

Jackie Bantle; Horticulturist, Plant Sciences, U of S

9:00 am-noon

\$55 plus GST, includes materials

Join Jackie in the Agriculture greenhouse for a hands on class on how to propagate your own plants. Explore different types of plant propagation methods on a variety of plants. Expect to be taking your new plants home with you!

Botanical Latin (MGCC) 3C

Vanessa Young; U of S Master Gardener Coordinator, Plant Sciences, U of S 1:00–4:00 pm

\$50 plus GST

Botanical Latin is the language developed for the naming and description of plants. This entertaining workshop is designed for those who have no knowledge of classical Latin. Understanding how plants are named will assist you when selecting plants for your landscape.

Hypertufa Pots 3D

Angie Skiba; U of S Master Gardener

1:00–4:00 pm

\$60 plus GST, includes materials

Hypertufa is a style of container dating back to the Renaissance. Troughs and sinks originally carved from volcanic rock and discarded when aged were picked up by gardeners who turned them into planters. Using contemporary materials (peat, concrete, perlite), you will make a container that resembles the traditional English stone troughs. You will be able to bring your project home after the class, but hypertufa does take several days to fully cure. **NOTE: Bring heavy-duty rubber gloves and eye protection.**

Greenhouse Tour 3E

1:30–3:30 pm

FREE

There is no charge for this tour but everyone must register in order to participate. Spend some time in the U of S Plant Sciences Greenhouses. Enjoy a guided tour of this state-of-the-art facility and get a first hand look at the latest research in Fruit Breeding, Vegetable Breeding, Ornamental Plants and much, much more. **Note: Please go directly to the Agriculture Greenhouse at 45 Innovation Blvd. Visit gardening.usask.ca for a map to the location.**

Melons 3F

Lyndon Penner; Author and Radio Personality

7:00–9:30 pm	
\$50 plus GST	

A luscious, sun-warmed melon fresh off the vine is something to enjoy when you're in Texas or Alabama perhaps, but not the Canadian prairies...right? Wrong. Did you know that prairie gardeners have been growing (or at least attempting) melons here since the 1920's? With growing your own food becoming more and more popular, many gardeners are turning their hand to melon cultivation, with mixed success. Join Lyndon for an informative and unusual class about growing watermelons, cantaloupes, and honeydew right here in our short season climate! You'll learn what they need to thrive and what varieties to try growing!

Perennials: The Enduring and the Fleeting 3G

Sara Williams; Author, Retired Horticulturist, U of S

7:00-9:30 pm

\$50 plus GST

Perennials, by definition, are "perennial", right? But we've all planted them, with joy and hope, only to find them gone the following spring. Some endure, others do not. Based on over 35 years of experience of nurturing perennials on the prairies, this workshop will focus on those that endure (with fleeting mention of those that haven't). The list is long, the joy enduring.



Tuesday, July 5

Identifying Insects in Your Yard & Garden (MGCC) 4A

Cedric Gillott; Professor Emeritus, Department of Biology, U of S

9:00 am-4:00 pm \$75 plus GST

The morning is spent learning how to identify various species of insects based on their characteristic traits. Professor Gillott brings in many mounted bugs to examine. During the afternoon campus-guided walkabout, you will have the opportunity to view insects and insect damage. **NOTE: it is recommended, though not required, to have completed Botanical Latin prior to taking this class.**

Houseplants 4B

Lyndon Penner; Author and Radio Personality
9:00 am–noon
\$50 plus GST

Many people despair that they don't have good luck with houseplants. Lyndon says if that's the case, it's often just a matter of not having the right plant in the right location! There are many houseplants we can grow, some for flowers and some for foliage, and a few for both. Lyndon will walk you through proper care and maintenance as well as choosing the right houseplants for your situation. If you worry that you kill houseplants or if you love them and maybe just want to find out what else you can be successful with, this will be a fabulous class regardless of your skill level or expertise.

W.P. Fraser Herbarium Tour 4C

9:30-10:30 am

FREE

There is no charge for this tour but everyone must register in order to participate. Attend this guided visit to the province's largest herbarium housing a collection of vascular plants of over 180,000 specimens. The herbarium is a vital permanent reference to identify and accurately name a plant. Come, learn, and discover the systematically arranged assortment of plant specimens representing Saskatchewan's native plant diversity. We will display preserved dried orchids, lilies, grasses, and carnivorous plants.

Botanical Drawing—Techniques Using Pencil Crayons 4D

Karen Hunter; U of S Master Gardener

1:00–4:00 pm	
\$50 plus GST	

Learn how to draw plants and flowers with coloured pencils—no fuss or muss. Coloured pencils, when applied layer upon layer, offer a sheen to flowers and plants that is vibrant yet has a depth that replicates plant and flower tissue. This class is full of tips and techniques. You will experiment with mixing, blending, quick sketches for composition and a final piece of artwork. Observe plant life in a new and interesting way. Bring your coloured pencils!

Hypertufa Pots 4E

Angie Skiba; U of S Master Gardener
7:00–9:30 pm
\$60 plus GST, includes materials

Hypertufa is a style of container dating back to the Renaissance. Troughs and sinks originally carved from volcanic rock and discarded when aged were picked up by gardeners who turned them into planters. Using contemporary materials (peat, concrete, perlite), you will make a container that resembles the traditional English stone troughs. You will be able to bring your project home after the class, but hypertufa does take several days to fully cure. **NOTE: Bring heavy-duty rubber gloves and eye protection.**

Gardening with Native Plants 4F

Lyndon Penner; Author and Radio Personality 7:00–9:30 pm

\$50 plus GST

What could be better for your landscape design than plants that actually evolved to suit the growing conditions where you live? Growing native plants is rewarding and fun, yet they are remarkably little utilized in prairie gardens. Lyndon would love to introduce you to a whole host of plants that actually belong here and teach you all about how they help local pollinators and feed birds and offer a surprising and significant kind of beauty. Lower maintenance is just one of the benefits of growing native plants—you'll be surprised by how lovely and splendid a "wildflower" theme in the landscape can be!



Wednesday, July 6

Safe Use of Pesticides & Alternatives (MGCC) 5A

Ellen Misfeldt; Horticulturist, Plant Sciences, U of S

9:00 am–noon \$50 plus GST

Organic pesticides are still designed to kill pests and are not necessarily safe for people. Safe and intelligent pesticide practices minimize harm to you and the environment. This half-day course covers pesticide formulations, toxicity, persistence, labeling and safety practices. Prevention is always the best defense so pesticide alternatives will also be discussed. **NOTE: Garden Fundamentals is recommended as a prerequisite.**

Introduction to "Eco-Colour" Dyeing 5B

Lindsay Embree; Fiber Artist 9:00 am–noon, both Wednesday and Thursday \$100 plus GST, includes materials

In this two part class, students will learn how to make their own one of a kind silk scarf using natural dyes on Wednesday morning. Thursday morning, students return to unwrap their creations and learn from each other's work.

Plants, fabric, water, heat = magic! Eco-Colour Dyeing is not about dyeing cloth a uniform colour. It is about recognizing and honouring the plant itself. Plant parts are laid onto silk and left behind is the shape and size of a leaf, the arch of a stem, the strong or subtle colour that comes from a certain leaf or a plant part. We are honouring plants for more than just the colour they give; the very shape of the parts is intrinsic to the design and the patterns that are "imprinted" on the fabric. This workshop is designed to give a basic understanding of the principals and methods of Eco-Colour Dyeing. Its primary aim is exploration and discovery.

Patterson Gardens & Horticulture Test Plots Tour 5C

9:30 am–noon

FREE

There is no charge for this tour but everyone must register in order to participate. Enjoy a guided tour of the University of Saskatchewan's Patterson Gardens which houses nearly 600 different perennial shrubs and trees. **Note: Please go directly to Patterson Gardens. Visit gardening.usask.ca for a map to the location.**



Drinking Your Garden 5D

Cedric Gillott; Professor Emeritus, Department of Biology, U of S 1:00–4:00 pm \$60 plus GST, includes materials

Learn the art of making wines and sparkling drinks from the products of your garden. Using readily available, low-cost equipment, a few simple chemicals, and a 'main ingredient' (fruits, vegetables, flowers...), a delicious drink, the equal of anything produced commercially, can be made in a matter of weeks.

Common Plant Diseases (MGCC) 5E

Jill Thomson; Horticulturist, Department of Plant Sciences, U of S

1:00–4:00 pm

\$60 plus GST, includes materials

Learn how to identify and control common plant diseases found in our landscape. Disease life cycles, prevention and control will be discussed.

Flower Photography 5F

Dr. Branimir Gjetvaj; Biologist and Professional Photographer

7:00–9:30 pm

\$50 plus GST

This hands-on workshop will introduce you to photography techniques for creating beautiful and unique images of flowers in a simple studio setting. You will master creative use of lenses and camera settings to control perspective and depth of field, and learn about natural and artificial lighting techniques used in flower photography. Bring your camera and a tripod. An external flash is optional. The workshop is suitable for photographers of all skill levels.

Rural Landscaping 5G

Sara Williams; Author, Retired Horticulturist, U of S

7:00–9:30 pm \$50 plus GST

From design to plant material, rural landscaping IS different. Bring a scale drawing of your existing yard. We'll begin with what you have now and work through a design, step-by-step. The focus will be on larger perennials, trees, shrubs and vines that "fit" a more expansive rural landscape where water may be limited. Bring your finished designs to our early October workshop for a friendly critique! Registration for each workshop is separate.



Tree & Shrub Identification (MGCC) 6A

Ellen Misfeldt; Horticulturist, Plant Sciences, U of S

9:00 am-4:00 pm

\$75 plus GST

Study trees and shrubs that are most commonly used in landscape design. This course features an on-campus tour so you can experientially learn by observing and identifying trees and shrubs within a landscape. **NOTE: Garden Fundamentals and Botanical Latin are prerequisites.**

Hot Gingers 6B

Lyndon Penner; Author and Radio Personality
9:00 am–noon
\$50 plus GST

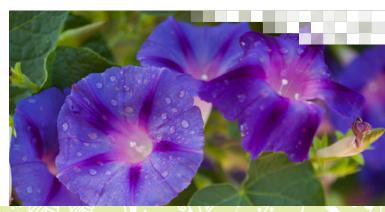
No, we're not talking about Prince Harry or Julianne Moore. In the last decade, growing tropical plants in temperate gardens has become more than just a trend—it's become a whole industry and every year there are dozens of new plants coming to us from the tropics, many of which do surprisingly well as seasonal plants for prairie gardeners. Recently, gingers have started to come to the forefront—plants often used in gardens in Florida, the Pacific Islands, and other hot locations are starting to be available, but are they good plants for us? Remarkably, some of them are. Some are increasingly available as cutflowers, others make excellent houseplants, and some are fantastic annuals. Remarkably, some gingers from the Himalayas and parts of China may even be border-line hardy. If you're at all curious about exotic, beautiful plants you won't want to miss this!

Morning Glories and Their Kin 6C

Lyndon Penner; Author and Radio Personality

1:00–4:00 pm \$50 plus GST

One of the trends in gardening right now is annual vines. Annual vines are coming back in a big way and you'll see scarlet runner beans, sweet peas, brown eyed susan vines and more showing up more and more frequently. Morning glories are suddenly on a major upswing not only because they are vines, but because they are old fashioned, thus tying two trends together. Morning glories are easy to grow, long blooming, and very low maintenance. They are also more diverse than you might have imagined—did you know that the popular sweet potato vines used in containers are close kin to morning glories? Lyndon will help you sort out your choices here and hopefully help you see an old plant in a new way!



Flower Photography 6D

Dr. Branimir Gjetvaj; Biologist and Professional Photographer 7:00–9:30 pm \$50 plus GST

This hands-on workshop will introduce you to photography techniques for creating beautiful and unique images of flowers in a simple studio setting. You will master creative use of lenses and camera settings to control perspective and depth of field, and learn about natural and artificial lighting techniques used in flower photography. Bring your camera and a tripod. An external flash is optional. The workshop is suitable for photographers of all skill levels. Class size is limited to 15 participants.

Hands On Pruning 6E

Alan Weninger; Horticulturist, U of S

7:00-9:30 pm

\$50 plus GST

Walking through Patterson Garden (the University's woody plant collection), we will discuss the basics of pruning and tree biology, examples of previous pruning cuts and healing processes, useful tools, considerations for different species and care of older trees and shrubs. Students will also participate in some pruning, so please bring hand tools (secateurs, pruning saws) if available. **NOTE: Safety glasses are mandatory!**



Friday, July 8

Communications (MGCC) 7A

Vanessa Young; U of S Master Gardener Coordinator, Plant Sciences, U of S

9:00 am-4:00 pm \$75 plus GST

As Master Gardeners, we're often visible in the community sharing our horticultural knowledge with other gardening enthusiasts. This Master Gardener core course will give you tools to hone your verbal and written communication skills. And no, you won't have to make any speeches!

Stained Glass Wren House 7B

Angie Skiba; U of S Master Gardener 9:00 am-4:00 pm \$100 plus GST, includes materials

Customize a wooden birdhouse to create a one-of-a-kind work of art for the birds in your garden. Wrens feed on insects, slugs, caterpillars and slugs. The song and actions of wrens make this small bird a delight to have in your back yard. No previous experience in working with glass is required. All supplies are covered in the workshop fee. Tools will be available to share or if you have access to a mosaic glass cutter, please bring it along.



U of S Walking Tour 7C

Jackie Bantle and Ellen Misfeldt; Horticulturists, U of S

9:30–11:30 am

There is no charge for this tour but everyone must register in order to participate. Enjoy a guided walking tour of the featured plantings on campus.

Honeysuckles and Their Relatives 7D

Lyndon Penner; Author and Radio Personality

00–4:00 pm	
0 plus GST	

When honeysuckles are mentioned, prairie gardeners are usually picturing either a large shrub with white or pink flowers, or a vine with tubular orange blossoms. In fact, the honeysuckle family actually comprises its own group within the plant kingdom and includes other interesting plants such as snowberry, weigela, and the now popular new food plant called honeyberry or haskap. The honeysuckle has much to offer prairie gardeners. They are wonderful sources of nectar and pollen, as well as producing fruits that feed songbirds. Many can deal with extraordinarily harsh growing conditions and most are inexpensive and widely available. If you are interested in shrubs and vines that are hardy, low maintenance, and beautiful. You will not want to miss this class!

Saturday, July 9

How to Keep Bees in an Urban Setting 8A

Dr. Barry Brown; Professor Emeritus, U of S, Owner/Operator Bar2Bee Honey Ranch 9:00 am-4:00 pm \$75 plus GST

Urban beekeeping is gaining popularity in cities and rural acreages throughout the world in response to the news of declining pollinators and honeybee populations. This course will explore the process of understanding bees and acquiring a honeybee hive. Topics will include: getting started, equipment required, site selection, good management practices, keeping bees healthy, extracting honey and hive products, apiary visitation, seasonal beekeeper responsibilities and planting bee friendly. **NOTE: This workshop will be held at the Horticulture Field Facility, 2909 14th Street East. Please bring a lunch!**



Hort Week Book Sale

There will be a horticulture and gardening book sale in the Agriculture Building Atrium from Monday to Thursday during Hort Week.

Saskatoon Horticulture Society Passport Tour

The Saskatoon Horticultural Society Passport Tour will be held on July 23, 2016 from 1:00–4:00 pm. This is a drive yourself tour of some of Saskatoon's finest gardens. The SHS Home Grounds Award winner's garden will be featured on this tour. Passports are \$10.00 per person and will be available two weeks prior to the event at Dutch Growers Garden Center and both Early's locations. For more information e-mail: saskatoonhortsociety@sasktel.net

University of Saskatchewan Master Gardener Program

This program is open to anyone with an interest in gardening.

There are no deadlines for registration or completion of the program.

- Registration fee of \$174.95
- Complete seven workshops delivered by trained specialists;
 - Garden Fundamentals: Soils for Horticulture and Applied Botany for Gardeners
 - Botanical Latin
 - Communications (exempt for those in the teaching profession)
 - Identifying Insects in Your Yard and Garden
 - Safe Use of Pesticides and Alternatives
 - Common Plant Diseases
 - Tree and Shrub Identification
- 40 hours volunteer service
- OPEN BOOK exam

Botanical Latin and Garden Fundamentals are available through distance education.

To register, call 306.966.5539

For more information, call 306.966.5097, email master.gardeners@usask.ca or visit gardening.usask.ca and click on Master Gardener.

Hort Week Quick Reference Schedule

Saturday, July 2	
Garden Fundamentals; Sat and Sun (MGCC) 1A	9:00 am-4:00 pm
Sunday, July 3	
Garden Fundamentals; Sat and Sun (MGCC) (continued) 1A	9:00 am-4:00 pm
Backyard Vegetable Gardening 2A	1:00-4:00 pm
FREE SUNDAY NIGHT LECTURE WITH SARA WILLIAMS	
Xeriscape: Principles, Plants and Practices of Low Water,	
Low-Maintenance Gardening 2B	7:00–9:30 pm
Monday, July 4	
Cactus and Yucca 3A	9:00 am-noon
Hands-On Plant Propagation 3B	9:00 am-noon
Botanical Latin (MGCC) 3C	1:00-4:00 pm
Hypertufa Pots 3D	1:00-4:00 pm
FREE Greenhouse Tour 3E	1:30–3:30 pm
Melons 3F	7:00–9:30 pm
Perennials: The Enduring and the Fleeting 3G	7:00–9:30 pm
Tuesday, July 5	
Identifying Insects in Your Yard & Garden (MGCC) 4A	9:00 am-4:00 pm
Houseplants 4B	9:00 am-noon
FREE W.P. Fraser Herbarium Tour 4C	9:30–10:30 am
Botanical Drawing—Techniques Using Pencil Crayons 4D	1:00-4:00 pm
Hypertufa Pots 4E	7:00–9:30 pm
Gardening with Native Plants 4F	7:00–9:30 pm

Safe Use of Pesticides & Alternatives (MGCC) 5A	9:00 am-noon
Introduction to "Eco-Colour" Dyeing; Wed and Thurs 5B	9:00 am-noon
FREE Patterson Gardens & Horticulture Test Plots Tour 5C	9:30 am-noon
Drinking Your Garden 5D	1:00-4:00 pm
Common Plant Diseases (MGCC) 5E	1:00-4:00 pm
Flower Photography 5F	7:00–9:30 pm
Rural Landscaping 5G	7:00-9:30 pm
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Thursday, July 7

Wednesday, July 6

Tree & Shrub Identification (MGCC) 6A	9:00 am-4:00 pm
Introduction to "Eco-Colour" Dyeing (continued) 5B	9:00 am-noon
Hot Gingers 6B	9:00 am–noon
Morning Glories and Their Kin 6C	1:00-4:00 pm
Flower Photography 6D	7:00-9:30 pm
Hands-On Pruning 6E	7:00–9:30 pm
Friday, July 8	
Communications (MGCC) 7A	9:00 am-4:00 pm
Stained Glass Wren House 7B	9:00 am-4:00 pm
FREE U of S Walking Tour 7C	9:30 am-11:30 am
Honeysuckles and Their Relatives 7D	1:00-4:00 pm
Saturday, July 9	
How to Keep Bees in an Urban Setting 8A	9:00 am-4:00 pm

FREE Sunday Night Lecture With Sara Williams Xeriscape: Principles, Plants and Practices of Low Water, Low-Maintenance Gardening

Sunday July 3, 7:00–9:30 pm • Call 306.966.5539 to reserve your seat!

In the last two decades, the palate of hardy, drought-tolerant plants available to prairie gardeners has increased tremendously: over 200 genera, 300 species, and nearly 900 varieties of trees, shrubs, vines, annuals, perennials and bulbs are at our disposal! This presentation will cover the principals of xeriscape (design ideas that conserve water, soil improvement, efficient irrigation, reducing conventional lawn areas, and mulching) and the best of these hundreds of hardy and drought tolerant plants for prairie gardens.

Sponsored by the City of Saskatoon



About Sara Williams

Retired as the horticultural specialist of the University of Saskatchewan, Sara Williams is the author of: In A Cold land: Saskatchewan's Horticultural Pioneer, The Saskatoon Forestry Farm Park & Zoo: A Photographic History; and the recently revised and expanded Creating the Prairie Xeriscape. With Hugh Skinner, she has written Best Trees and Shrubs for the Prairies, Best Groundcovers and Vines for the Prairies, and Gardening, Naturally: A Chemical-free handbook for the Prairies.

She was inducted into the Saskatchewan Agricultural Hall of Fame in 2013 and received an Honorary Doctorate of Laws degree from the University of Saskatchewan in 2015.

She gardens on 5 acres of sand near Saskatoon.

