### APRIL

People's Food Co-op

1% of Basics profits donated to
EarthFest

The Science of Jellyfish

April 17, 1PM @ RCTC Hill Theater

EarthFest at ReStore

April 20, 9AM-4PM @ Rochester Area ReStore

**AARP Scavenger Hunt** 

April 22 - 27 aarp.cvent.com

A Litter Bit Better

April 27 - May 5 RNeighbors.org

### EARTH EAST



2019

**Build Better - Build Green** www.earthfestrochestermn.org

### MONDAY

### APRIL 22

Mayoral Proclamation 9:30 AM - City Hall Rotunda, Government Center

### Natural Grocers

IPM - 2PM

Ladybug Appreciation Seminar and Seed Planting

All Day Reusable Shopping Bag Giveaway

> EarthFest Kick-off Celebration

5PM-9PM Little Thistle Brewing

Happy Earth Day!

### TUESDAY

APRIL 23

Our Wetlands Pond and Habitat

1 PM @ Izaak Walton Wetlands

Green Fire: Aldo Leopold and the Land Ethic of our Time Film and Discussion

6:30PM @ Assisi Heights

### WEDNESDAY

APRIL 24
Green Building Tour

4PM @ One Discovery Square, led by Mortenson



### Saturday April 27 10AM - 4PM RCTC Field House

Interactive displays, exhibitors, speakers, children's activities, performances, electric cars, bikes, and more!

12PM Keynote Speaker

Don Shelby, Environmental Advocate:
"Build Better—Build Green"

2PM Citizen's Utility Board:
"Energize Your Home - Consumer
Power Now and in the Future"

TerraLoco Trail Clean-up
9AM @ TerraLoco

### THURSDAY

APRIL 25
Creen Drinks:
Energy Efficiency
at the Castle

5PM @ Cameo at the Castle

### SUNDAY

APRIL 28

People's Climate March

2PM @ Peace Plaza to People's Food Co-op

Block Party & Art Fair

2PM - 6PM @ People's Food Co-op

Our Wetlands Pond and Habitat

3:30 PM @ Izaak Walton Wetlands

### FRIDAY

### APRIL 26

Zero Energy Home Tour

2-6PM, tours every 30 minutes @ Vetting Home 4265 Marion Rd SE, Rochester

Dinner with Don Shelby

A Conversation about Green Building. Cosponsored with Benike Construction Registration required

Reel Paddling Film Festiva

6PM @ 125 LIVE Hosted by Tyrol Ski and Sports

# Do I need a Water Appropriation Permit for my Feedlot?

|                           | Water Use by Animal Type | Туре                           |
|---------------------------|--------------------------|--------------------------------|
| Animal Type               | Water Use/Head/Day       | # Animals to Need a DNR Permit |
| Finishing Pig (50-300lb)  | 1.05g/head               | 2,609 Finishing Pigs           |
| Milking Cow (all Weights) | 30.4g/head               | 90 Milking Cows                |
| Broiler Chickens (5-8wks) | 124.5g/1000 birds        | 30,000 Chickens                |
| Broiler Turkey (>5lb)     | 85g/1000 birds           | 32,000 Turkeys                 |
| Beef Feeder (400-800lb)   | 6.60g/head               | 415 Feeder Cattle              |

Source: University of Minnesota Extension Swine Research Facility—Waseca

Additional Estimations are available by contacting your Local DNR Hydrologist

| = Annual Water Use | Total Daily Use x 365 | = Total Daily Use | Water Use per Head x Total Head | To estimate annual Water Use |
|--------------------|-----------------------|-------------------|---------------------------------|------------------------------|
|--------------------|-----------------------|-------------------|---------------------------------|------------------------------|

| Annual Water<br>Use Fee | Application Fee |                | DNR Wate                            |
|-------------------------|-----------------|----------------|-------------------------------------|
| \$0                     | \$100           | General Permit | DNR Water Appropriation Permit Fees |
| \$140<br>(up to 50mgy)  | \$150           | Permit         | ermit Fees                          |

# Minnesota Department of Natural Resources Water Appropriations Permitting

Water Appropriations Permits are required for all users using more than 1,000,000 gallons on any given day (MN Statute 103G.271). Feedlots using less than 5.0 million gallons per year may be eligible for coverage under the General Permit for Livestock Watering and Sanitation if additional conditions are met.

# Did you Know

Water Use of 2,750g/day

is equal to

1,000,000g of Water/year

# MNDNR PERMITTING AND REPORTING SYSTEM

Permit application is easy! DNR launched the Minnesota Permitting and Reporting System in 2014. MPARS creates a file specifically for each of your DNR permits, allows you to easily communicate with your area hydrologist, and input your water use all in one spot!

www.mndnr.gov/mpars

# NATURAL RESOURCES

Todd Piepho, Area Hydrologist Phone: (507) 362-8868

Brent Beste, Appropriations Hydrologist

Phone: (507) 389-8808 Permitting Information: www.mndnr.gov/permits/water

# Farm-to-Table Community Dinner

Sunday, June 23rd, 2019

Location

Coop's Event Barn

65572 200th Avenue

Dodge Center, MN

Time

4:00pm-8:00pm

Social Hour: 4:00pm

Dinner: 5:00pm

Tickets

\$65 per person

Cash or Check Only

Public Health Available at Dodge County

42 East Main Street

Dodge Center, MN

Questions?

Kristin Cerda

Dodge Refreshed Chair

507-635-6150

Kristin.cerda@co.dodge.mn.us







note, this is a 21+ event amazing cooking skills and flavors to cater and promote local farmers and businesses. North Park project in Dodge Center. Please portion of the proceeds will be going to the this event. Only 100 tickets are available. A Omar's Kitchen will be providing their with food, friends, and fellowship. This 23, 2019. Please join us for an evening filled Dodge Refreshed is hosting the first annua meal will be locally sourced to help support Farm to Table Community Dinner on June

# Farm-to-Table Menu

### Social Hour

Fresh-cut fruit and vegetable display

### Main Course

Stuffed Breast of Chicken Florentine

Breast of Chicken stuffed with spinach, cheese, mushrooms and shallots

Medallions of Pork Tenderloin Au Poivre

Herb crusted pork tenderloin topped with a green peppercorn sauce

Market Fresh Vegetable Medley

Herb Roasted New Potatoes

Fresh Baked Assorted Rolls and Butter

Dessert

Lori's Dessert Display

Beverages

Local beer and wine, soda, water, milk and coffee



Saturday, April 6 5:00 - 7:30pm

Dodge Center Amercian Legion

Sponsored by the Dodge Center Lions Club and Dodge Center Friends of the Library

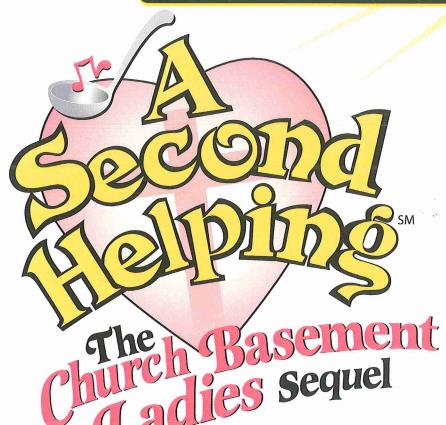
All proceeds go to funding Lion's Park and providing handicapped accessible doors at the library.

Serving up Laughter!



### MANTORVILLE THEATRE COMPANY

Year Round Community Theatre at the Historic Opera House



# APRIL 5-28

Fri & Sat 7:30 pm Sun 2 pm NO SHOW APRIL 21 EASTER SUNDAY

Directed by Cheryl Franck

OPENING \$10

**TICKETS: \$23** 

REDUCED \$20

Inspired by the books of Janet Letnes Martin and Suzann Nelson, including the best seller *Growing Up Lutheran* 

Written by Greta Grosch

Music and Lyrics by Dennis Curley & Drew Jansen



WWW.MANTORVILLAIN.COM • 5 5TH ST. WEST, MANTORVILLE MANTORVILLETHEATRE@YAHOO.COM • 507-635-5420

# 2019 Camps:

Date: June 10 & 11 Camp #1: Pottery Time: 9am-11:30am

Date: June 12 & 13 Camp #2: Pottery Time: 9am-11:30am

Time: 1pm-3:30pm Date: June 10 & 11 Camp #3: Pottery

Camp #4: Pottery Time: 1pm-3:30pm Date: June 12 & 13

Camp #5: Mancala Time: 9am-11:30am Date: June 17 & 18

Time: 9am-11:30arr Date: June 19 & 20 Camp #6: Painting

Time: 1pm-3:30pm Date: June 17 - 20 Camp #7: Paper Dolls

Camp #8: Photography Time: 9am-11:30am Date: June 24 - 27

Date: June 24 - 27 Camp #9: Collage Time: 1pm-3:30pm

> Time: 9am-11:30am Date: July 15 - 18 Camp #10: Cartooning

Time: 1pm-3:30pm Date: July 15 - 18 Camp #11: Painted Chair

Time: 9am-11:30am Date: July 22 - 25 Camp #12: Jewelry

Time: 1pm-3:30pm Date: July 22 - 25 Camp #13: Fiber Arts

Time: 9am-11:30am Date: July 29 - August 2 Camp #14: Painting

Time: 1pm-3:30pm Date: July 29 - August 2 Camp #15: Painting

Time: 9am-11:30am Date: August 5 - 8 Camp #16: Painting

Date: August 5 - 8 Camp #17: Floral Arranging

Time: 1pm-3:30pm

How to Register

By telephone:

Call 507/635-5665

By Email:

By Mail or In Person: mantorvilleartguild@kmtel.com

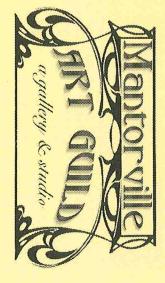
P.O. Box 224 Mantorville Art Guild Mantorville, MN 55955

Form prior to the start of camp Summer Art Camp Student Inforrequired to complete a "2019 Parents/legal guardians will be mation & Photography Release"

out payment of camp fee Registration is not complete with

of registration, camper will be an additional session is added received. Notification will be der in which registrations were In the event a camp is full at time made if/when a spot opens or if placed on a waiting list in the or-

prior to the start of camp. by the Wednesday of the week 3 participants registered 3 p.m. All camps will need a minimum of



Summer Art

2019





the arts & cultural heritage fund. ers of Minnesota through a grant from This activity is made possible by the votthanks to legislative appropriation from the Southeastern Minnesota Arts Council

Camp #1: Pottery
Date: June 10 & 11 • Time: 9am-11:30am
Instructor: Gini Cormack
Ages: 8 to 10 • Cost: \$32.50
Description- Coil Bowl & Spoon: Learn to roll consistently sized clay coils and how to use them to create your own bowl. We'll also make a soon so you can have a personalized cereal or ice cream bowl this summer. Pieces will be finished with lead-free glaze to be food safe.

Camp #2: Pottery
Date: June 12 & 13 • Time: 9am-11:30am
Instructor: Gini Cormack
Ages: 8 to 10 • Cost: \$32.50
Description- Coil Bowl & Spoon: Learn to roll consistently sized clay coils and how to use them to create your own bowl. We'll also make a soon so you can have a personalized cereal or ice cream bowl this summer. Pieces will be finished with lead-free glaze to be food safe.

Camp #3: Pottery
Date: June 10 & 11 • Time: 1pm-3:30pm
Instructor: Gini Cormack
Ages: 11 to 13 • Cost: \$38
Description- Slab Plate, Bowl & Mug: Learn how to roll clay slabs. Using a template, we will cut out three different sized squares and turn them into functional plates, bowls, and mugs! Your pieces will be finished with a lead-free glaze so you can safely enjoy using them.

Camp #4: Pottery
Date: June 12 & 13 • Time: 1pm-3:30pm
Instructor: Gini Cormack
Ages: 11 to 13 • Cost: \$38.50
Description- Covered Keepsake Dish: Create a container to keep your treasures from getting misplaced. We will use a combination of pinch and coil techniques to build texture and design into the walls of your piece. Your glazed container will be about 5 inches tall.

Camp #5: Mancala
Date: June 17 & 18 • Time: 9am-11:30am
Instructor: Gretchen Lohrback
Ages: 8 and up • Cost: \$30
Description: Students will learn the history of the 3,000 year old game of Mancala and learn to play!
They will decorate their own Mancala board using paints, stamping, decoupage, and embellishments of their own choosing.

Camp #6: Painting
Date: June 19 & 20 • Time: 9am-11:30am
Instructor: Jean Ryan
Ages: 8 to 12 • Cost: \$30
Description: The class will explore contrasts in color and how one color complements another. We will make abstract paintings. These can be turned into cards, bookmarks, or framed paintings.

Camp #7: Paper Dolls
Date: June 17 - 20 • Time: 1pm-3:30pm
Instructor: Gretchen Lohrbach
Ages: 8 and up • Cost: \$60
Description: Students will create several original paper dolls and clothing for them using fabrics, pre-printed papers, and their own patterns using sampling techniques and colored pencils. They will be able to decorate a unique folder to house their dolls as well.

Camp #8: Photography
Date: June 24 - 27 • Time: 9am-11:30am
Instructor: John Flatten
Ages: 9 through teen • Cost: \$60
Description: Learn about exposure, lighting and closeups of bugs and flowers, "macro photography," and how to "freeze" or slow down flowing water. Students will learn how to shoot in manual instead of letting the camera do the work for you. You will need a camera: point and shoot DSLR or a cell phone, but a camera is better. We will look at some old-fashioned cameras that use film. We will print your "best shots" and make a card or two to take home for yourself or to give as a gift.

Camp #9: Collage
Date: June 24 - 27 • Time: 1pm-3:30pm
Instructor: Theresa Hoaglund
Ages: 5 and up • Cost: \$60
Description: Students will design a 2 foot by 3 foot foam board wall hanging using paint, fabric, music sheets, stencils and cut out designs, words and other treasures, If time allows, we will design a smaller collage with dried leaves.

Camp #10: Cartooning
Date: July 15 - 18 • Time: 9am-11:30am
Instructor: Cheryl Frarck
Ages: 9 to 12 • Cost: \$60
Description: Illustrators will explore the basic principles of cartooning from simplification, line and exaggeration ending with the creation of a one panel gag cartoon.

Camp #11: Painted Chair
Date: July 15 - 18 • Time: 1pm-3:30pm
Instructor: Theresa Hoaglund
Ages: 8 to 12 • Cost: \$60
Description: Students will design and paint a chair using a sunflower or a dragon as the main topic.

Camp #12: Jewelry
Date: July 22 - 25 • Time: 9am-11:30am
Instructor: Gayle Dahl & Cheryl Anderson
Ages: 8 and up • Cost: \$60
Description: This class will explore many ideas using many different components to make jewelry.
Beads, leather, wood beads and much more will be used. We will also design and make pendants or charms with shrink plastic and polymer clay.

Camp #13: Fiber Arts
Date: July 22 - 25 • Time: 1pm-3:30pm
Instructor: Anne Thiemann
Ages: 5 to 12 • Cost: \$60
Description: Students will learn how to weave a small mug rug, create a 3D animal out of wool rowing and do some needle felting. They will learn about the history of weaving and needle felting and knitting. They will take 3 to 4 projects home.

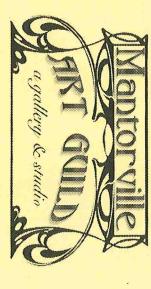
Camp #14: Painting
Date: July 29 – August 2 • Time: 9am-11:30am
Instructor: Gayle Dahl & Theresa Hoaglund
Ages: 5 to 8 • Cost: \$80
Description: In this class we will cover many mediums including watercolor, colored pencil, acrylic, and more. We will be studying two famous artist, Grant Woods and Georgie O'Keefe. We will then adapt to our own style after learning about them.

Camp #15: Painting
Date: July 29 - August 2 • Time: Ipm-3:30pm
Instructor: Gayle Dahl & Theresa Hoaglund
Ages: 9 through teen • Cost: \$80
Description: In this class we will cover many mediums including watercolor, colored pencil, acrylic, and more. We will be studying two famous artist, Grant Woods and Georgie O'Keefe. We will then adapt to our own style after learning about them.

Camp #16: Painting
Date: August 5 - 8 • Time: 9am-11:30am
Instructor: Jean Ryan
Ages: 8 through 12 • Cost: \$30
Description: The class will explore contrasts in color and how one color complements another. We will make abstract paintings. These can be turned

Camp #17: Floral Arranging Date: August 5 - 8 • Time: 1pm-3:30pm Instructor: Theresa Hoaglund Ages: 5 to 8 • Cost: \$60 Description: Students will learn the art of floral design. They will create several pieces using many natural items including wood, stones, grapevines, and dried stems, They will use both silk and plastic greens and flowers.

into cards, book marks, or framed paintings.



# Mantorville's Farmers Market and Flea Market

Tuesday - 10:00 to 4:00

May through October Riverside Park in Mantorville THE SKY'S THE LIMIT

2019 Markets

May 3-4

June7-8

**July 5-6** 

August 2-3

October 4-5

Friday 4PM-8PM Saturday 10AM-4PM



### Our Next Fabulous Adventure

In Al Fresco Emporium of Artists' Work

Live Music & Refreshments (BYOB) Friday Family & Pet Friendly

61437 235th Avenue Mantorville, MN 55955

Jane Olive & MaryLee Lambert-Proprietors



### Historic Home & Log Cabin

Open for Tours
May through October
Tuesday – Sunday 1-5
Closed Mondays, Small Donation per person





These Museums are made possible by the MRA

540 N. Main Street Mantorville, MN 10th ANNUAL



### Garden Tractor

Show & Parade

Sat. May 18th, 2019

11am-1pm Riverside Park, Mantorville Registration at 10:30 Judging at 12:30 Parade at 1:00 Peoples' Choice Trophies Awarded

Come and show off your Garden Tractor/Lawn mower.

... New, Used, Vintage, Unique, Re-built, Custom or Decorated

Bring a lawn chair and enjoy the show

Everyone Welcome!

For information contact Ron at <a href="mailto:rruport@kmtel.com">rruport@kmtel.com</a> or call 635-3551

Part of

Mantorville Chamber's Spring Fling



### MANTORVILLE STAGECOACH DAYS



June 29 & 30



### PLANNED ACTIVITIES

CRICKET GAMES QUICK DRAW DEMO CIVIL WAR REINACTMENT CHILDRENS ACTIVITIES VENDORS ~ FOOD PLEIN AIR HISTORICAL DISPLAYS



MORE



54th Annual Mantorville

### Marigold Days September 7-8, 2019



Antique & Flea Market **Antique Appraisals** Kids' Fishing Contest Flower Show — Quilt Show Car Show — Bingo

5K Run - Soft Ball Tourney Live Music — Street Dances Field of Flags Memorial Great Food - Fireworks **Grande Parade** 

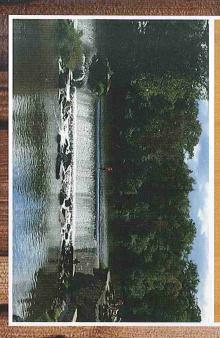
www.marigolddays.com





### HISTORY

Mantorville is a historic delight to visit. It is nestled in a picturesque valley of the Zumbro River. You and your family will discover the same charm that brought the Mantor brothers in 1854 with their families, and inspired the citizens of Mantorville to preserve the entire 12 block downtown by placing it on the National Historic Registry in 1975. This status is shared with such places as Williamsburg, Philadelphia, and Boston. There is a wealth of architectural heritage, talented artists, fine dining, entertainment, exquisite shopping, festivals and everyday activities for all ages and interests.





### FROM ROCHESTER

West on Highway 14 to Kasson, then 3 miles north on MN 57.

### FROM OWATONNA

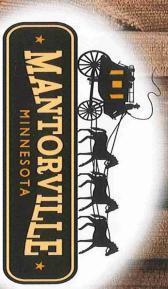
East on Highway 14 to Kasson, then 3 miles north on MN 57.

# FROM MINNEAPOLIS/ST. PAUL

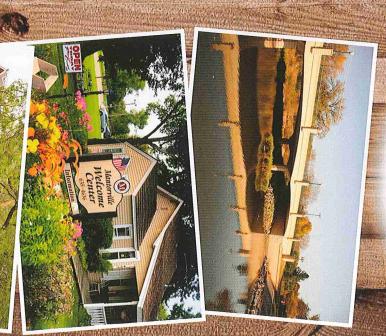
South approximately 40 miles on Highway 52, turn right onto MN 57 south 21 miles.



mantorvilletourism@gmail.com



Trail to the Past. Road to the Future.



# 2019 EVENTS

Mulligan Stew Dinner - March 14 Mantorville Restoration Association Dodge County Expo - March 30 Triton High School 8am-2pm Easter Egg Hunt-April 20 Spring Fling – May 18 Riverside Park 9:30am Live Auction Benefit

Mantorville Melodramas - June-September Tickets information at www.mantorvillain.com Farmer's & Artisan's Market – Tuesdays Wasioja Civil War Recruiting Station -May through October 11:00 am - 5:00 pm Rummage and Bake Sale; Plant Exchange Garden Tractor Show and Parade 10-2pm Mantorville Stagecoach Days -June 8 dodgecountyhistorical.org June 29-30 Theater, Art, Food

Antique & Flea Market, Arts & Crafts, Flower Riverside Park to promote neighborhood spirit June - August www.mantorvilleartguild.org Dodge County Free Fair - July 17-21 Art Guild Kids' Summer Art Camp September 7-8 www.marigolddays.com September 6-7 www.bigironclassic.com Show, Music, Parade, Firemen's Dance 18th Annual Big Iron Truck Show 54rd Annual Marigold Days -Historic Displays, Music, & more National Night Out -August 6 www.dodgecountyfreefair.com

### BUSINESSES

### **Hubbell House**

Fine Dining in an elegant 1860's atmosphere www.hubbellhouserestaurant.com County Seat Coffee House Closed Mondays (507) 635-2331

Full Breakfast, soups, salads, sandwiches, desserts Open Monday - Saturday (507) 635-5507 www.countyseatcoffeehouse.com

Breakfast and lunch in a nostalgic school room Old School Cafe

Open Wednesday - Sunday(507) 635-3663

Mantorville Art Guild

www.mantorvilleartguild.com (507) 635-5665 Gift Shop, artwork and classes by local artists

The Chocolate Shoppe

"The sweetest place in town." Ice cream, caramel Order on-line at www.chocolateshoppe.com chocolate & more(507)635-5814

Mantorville Farms (Virtual) www.mantorvillefarms.com Gifts made in the USA

dealers of antiques, collectibles & gifts www.mantorvillesquare.com Mantorville Square

Memorabilia Antiques & Collectables

(507) 635-5419

Gas, pizza, doughnuts, etc. (507) 635-5626 Casey's General Store

For your financial services • ATM Citizen's State Bank

Spa Services, Boutique Items (507) 635-5900 www.creativechangehairstudio.com Creative Change Hair Studio

Mantorville Saloon

Pull tabs sponsored by the MRA (507) 635-5557 On & Off Sale • Great music

Finds on 5th

Gifts, Uniques & Antiques (507)951-9925 Open Thursday-Saturday 10:30-5pm & Sunday 11-5pm

Local Threads Boutique

Hay Rides, Ghost Stories and Pumpkin Painting

Fall Festival - October 26

Shop Small Saturday - November 30

Caroling, Sleigh Rides, Santa, Crafts, & Open Olde Fashioned Christmas - December 7

house at businesses

www.tacebook.com/groups/localthreadsboutique Open Thursdays 6-8pm or by appointment

# THINGS TO DO

Welcome Center

Thursday - Sunday; Closed in Winter Mantorville Tour Co.

www.mantorvilletours.com **Ghost Town Tours** 

mantorvilletours@gmail.com

Year round theater in the 1918 Opera House www.mantorvillain.com (507) 635-5420 Classic melodramas during the summer Mantorville Theatre Company

Walking Tours

Visit a business and pick up a self guided tour through Mantorville's Historic District

The Historical Society Museum is located west of the Court House in an 1869 **Dodge County Historical Society** www.dodgecountyhistorical.org Episcopal church.

Restoration House and Log House Open May-October

(507) 635-5508

County Jail. The Log House was home to the Mantorville Brewery cooper (507) 635-5140 1856 Residence that houses the first Dodge

Zumbro Valley Recreation Club Golf and food—Public Welcome www.zvrc.com (507) 635-2821

City of Mantorville - call for Reservations (507) 635-5170 or www.mantorville.com Riverside Park & Stussy RV Park Canoeing - Fishing - Camping



### Mantorville Tours



Historical Tours of Forgotten Towns of Dodge County

Sacramento Wasioja Concord Eden

Berne

Follow the MN Stagecoach Trail that was run by James C. Burbank, connecting these towns that once were thriving communities.

- -The 1st University west of the Mississippi,
- -A Minnesota Gold Rush,
- A Swiss settlement that has been revitalized by pizza.
- More....



email: mantorvilletours@gmail.com

For more information or to book a tour, visit our website:

mantorvilletours.wordpress.com

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mantorvilletours.wordpress.com

email: mantorvilletours@gmail.com

### Learn about:

How the race for economical transportation affected these towns.

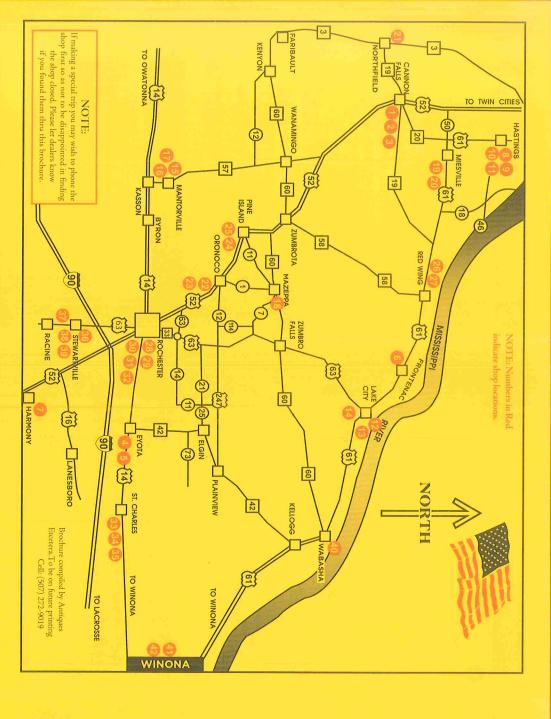
A fight for which town was to be the County Seat.

The 1st real estate land boom & crash of SE MN

The history of the real Toonerville Trolley of MN

...and a surprize or two about Mantorville





# TREASURES UNDER SUGAR LOAF

Antiques, Collectibles, Home Décor.

Over 60 Dealers!

A-Z COLLECTABLES

152 Main Street + Winona, MN

507-454-0366

1023 Sugar Loaf Road Winona, MN 55987

507-474-7030

Email: treasures@hbci.com Open Thurs thru Mon 10 - 5. Visit us on Facebook

"Where there is a treasure for everyone!" www.treasuresundersugarloaf.com Extended Summer Hours.

Pottery, Glassware, Vintage Post Cards,

Lighting, Bottles, Used Books

and Lots of other "STUFF"

**SELLING MEMORIES SINCE 1993** Dealer owned shop with kitchen items,

& Most Sunday afternoons

Open Monday thru Friday 10:30 - 5

# Free Take One



### ANTIQUES ON 4TH

Over 40 dealers with a unique collection of antiques Mon - Sat 10:30 - 5:30, Sunday 12:00 - 5:00 Downtown Cannon Falls 138 North 4th Street,

thoramaesantiques@frontier.com

507-263-5043

# COUNTRY SIDE ANTIQUE MALL

Cannon Falls, MN 55009 1161 4th Street South,

Mon - Sat 9:30 - 5:30 Cannon Falls 1 Mile South of Downtown

Over 55 dealers, 12,000 sq ft, Sunday 11:00 - 5:30

large selection of antiques, collectibles and furniture 507-263-0352 + www.csamantiques.com

### SCHAFFER'S ANTIQUES



General line of antiques, furniture, and stoneware. primitives, tools, pottery, pictures Hours: Tuesday - Saturday 10 - 4 Owner Operated, Downtown Cannon Falls 111 North Fourth Street

### EYOTA ANTIQUES

OPEN WEEKENDS: Eyota, MN 55934 30 S. Front Street, 507-261-1505

Fri & Sat: 12 - 4; Sun: 12 - 4

Toys, Dolls, Action Figures,

Advertising Signs, Records, Furniture & Much More!

EYOTA ANTIQUES II

22 South Front Street, Eyota, MN 55934

a lot of stuff, Consignment & Multiple Dealers Furniture, Beer Misc, Neon Signs, Gas & Oil, Hours: Friday - Sunday 12:00 to 4:00 pm Other - call for appointment 507-261-1505

# CAMILLA AND ME - THE SHOP

Frontenac, MN 55026 33829 Hwy 61, 507-259-3858

Open Daily 10:00 - 6:00 pm

Quaint historic pink building on Hwy 61

Antiques, shabby chic furniture, new and vintage clothing New items in weekly, a little something for everyone!

# New Generations of Harmony

Collectibles, Primitives, Amish Goods, Coins, Kitchenware, Over 130 Booths featuring 50 Industrial Blvd, NE ANTIQUE MALL Harmony, MN 55939



Farm Tools, Toys & much more! 507-886-6660 One-level, Clean, Handicap Accessible Open Daily 10:00 - 5:00, Year Round

www.generationsofharmony.com

### ANTIQUES ON MAIN

Victorian Trading Co. cards & catalogue items, primitives, dolls, toys, garden tools, fishing, Charming shop full of furniture, glass, restored outboard motors, stoves, etc. Open 7 days a week 10:00 - 5:00 Historic Downtown Hastings 651-480-8129 - 651-437-6850 large selection of retro candy 205 E. Second Street

# LITTLE SHOP OF TREASURES

Bobble Heads, Furniture, Pottery, Mirrors, vintage goods rescued, restored, repurposed Bone China, Linens, Art, Beer items, 651-788-5935 - 651-319-0638 Hastings, MN 55033 114 East 2nd Street

Knives, Collectibles of all kinds.

Call for Hours

Buy · Sell

# SECOND STREET ANTIQUES MALL

Located under the bridge in historic downtown 651-480-0513 Delivery Available Hours: 10:00 - 5:00 Daily 204 East 2nd Street

25 Dealers with something for everyone, selling of collections or estate sales We can help with downsizing, primitive to modern.

Discover the charm of our historic river town.

# VINTAGE INSPIRATIONS

Painted Furniture, Décor, Lamps, Antiques, Vintage, Shabby Chic Hastings, MN 55033 Glassware & More! 203 East 2nd Street 651-437-4377

Vintage

Facebook.com/VintageInspirations.mn for current days and hours. Call or check Facebook



### ANTIQUE SHOPPER

113 S. Lakeshore Dr. (Hwy 61 Lake City, MN 55041 Seasonal Hours 651-253-6333

A Multi-Dealer Shop on 2 levels

Antiques, Collectibles & More



# LAKESIDE ANTIQUES

Lake City, MN 55041 106 E. Center Street 651-345-4800

Furniture + Art + Pottery + Books + Vinyl Antiques + Vintage + Collectibles

Seasonal Hours

### THE RESALE SHOP

113 S. Washington Street Lake City, MN 55041 507-398-2386

Open April - December; Thurs - Sat 10 - 3 Eclectic mix of antiques and resale January - March; Sat 9 - 4 Look for us on Facebook

# MARIGOLD DAYS ANTIQUE &

### HLEA MARKET

Mantorville, MN 55955 P.O. Box 202,

marigolddays.com 507-635-3551

53rd Annual September 8 & 9, 2018 Always the weekend after Labor Day New Dealers Welcome!

# MEMORABILIA ANTIQUES

General line of antiques and collectibles including Open Tuesday - Saturday 10:30 - 5:00; glassware, china, pottery and furniture. Located next to the Opera House 9 West 5th Street, PO Box 45, Mantorville, MN 55955 Sunday 12:00 - 5:00 507-635-5419

### MANTORVILLE SQUARE

in Historic Mantorville.

Over 25 dealers offering a wide variety of quality antiques, Tuesday - Saturday 10:00 - 6:00; A unique shopping experience! collectibles, furniture and gifts. Hours: Monday 10:00 - 5:00; Sunday 11:00 - 6:00 507-635-5554

416 North Main St. + Mantorville, MN 55955 www.mantorvillesquare.com

# GRAVES ONLINE AUCTIONS

Mazeppa, MN 55956 383 1st Avenue N., 507-843-4141

### www.gravesonlineauctions.com

Consignment Auctions every 2 weeks on Sunday nights Open 10 - 5 pm Mon - Fri; Sat & Sun by appointment Vintage Toys, Farm Machinery, Cars, Boats Antique, Collectibles, Farm Toys, Tractors, Tools, Etc.

Professional Auction Services online at our site or yours

Experience & Product Knowledge

VILLAGE GENERAL ANTIQUES

Friday, Saturday, Sunday by chance between Hastings and Red Wing. Hwy. 61, Downtown Miesville 651-437-8150

Furnishings, Furniture, Quilts, Rugs, Quality dealers with Country and General Line.



# WEATHERED AND WORN

### VINTAGE MARKET

Open occasionally throughout summer and fall

West edge Miesville - Highway 61 651-983-8481

For details follow our Facebook page:

Weathered and Worn Vintage Market

Rusty & Chippy + Farm Finds + Home Décor + Antiques & Vintage + Textiles



# ANTIQUES OF NORTHFIELD

Hours: Monday - Saturday 11:00 - 6:00; Sunday 12:00 - 5:00 in a historic building with over 2500 SF of floor space. we feature 15 dealers with a huge variety of unusual Come see the world's only TV Lamp Museum!!! Northfield is located 12 miles east of I-35 and 15 miles west of Cannon Falls on Hwy 19. 416 South Division Street + 507-664-9599 interesting and fabulous items showcased Located in charming historic Northfield

Extended hours Thursday evenings

### ANTIQUES ETCETERA

Downtown Oronoco, MN 55960 15 First St. NE, P.O. Box 134 Cell: 507-272-9019

Antique furniture, primitives, collectibles, farm toys, dolls,

Hours: Wednesday - Friday 12:30 - 4:30 + Saturday 10:30 - 4:30 glassware & unique items. Large line of unique gift ware. Sunday (usually) 12:30 - 4:30 (other times by chance) \*Call first, I do lots of shows.

# DOWNTOWN ORONOCO

### GOLD RUSH DAYS

Always the 3rd weekend in August Celebrating Since 1972

August 17-19, 2018; August 16-18, 2019 Contact: goldrush@bevcomm.net; New Vendors Welcome! Antique Show & Market www.goldrushmn.com;

PO Box 266 Oronoco, MN 55960 (507) 367-2111

5 miles North of Rochester, MN on Hwy 52

# GREEN'S STRIPPING & ANTIQUES

Restored or as found furniture, clocks, mirrors. Main Street + Pine Island, MN 55963 Owner operated

Also furniture stripping, refinishing & repair. framed prints and collectibles. Hours: Mon - Fri 9:00 - 5:00 Sat chance or appointment Phone 507-356-4903

### LANTERN ANTIQUES

512 Main Street South + Pine Island, MN 55963 New Location

Located between Meints Chiropractic & Assembly of God Church.

9 - 4 or by chance or appointment. Phone: 507-356-4215 Antique refinished & "as is" furniture, & early accessories Call ahead if coming from a distance.

# 3RD FLOOR ANTIQUES

2000 Old West Main Street + Red Wing, MN 55066 Buddy Holly, Elvis and all your favorite oldies 3rd FLOOR Pottery Building + 651-388-3087 as you shop the 3rd floor. Listen to the music of

Hours: Mon - Sat 10:00 - 6:00 + Sun 11:00 - 5:00 It is filled with merchandise from over 40 dealers Stoneware, pottery, glassware, jewelry, tools, furniture, toys, pictures, prints and more. specializing in antiques and collectibles. Estates purchased by individual dealers.

# POTTERY PLACE ANTIQUES

2000 Old West Main Street Red Wing, MN 55066 651-388-7765

Hours: Monday - Saturday 10:00 - 6:00 Sunday 11:00 - 5:00

potteryantiques@everythingredwing.com website: www.potteryplaceantiques.com



# CHURN DASH ANTIQUES

of Methodist Hospital. Furniture, glassware, primitives, toys, Hours: Monday - Friday 8:00 - 5:30 Saturday 8:00 - 2:00 pottery, pictures, lawn & garden, kitchen collectibles. Located in Collins Feed & Seed, just 2 blocks North 411 2nd Ave. N.W. + Rochester, MN 55901 Follow Churn Dash Antiques on Facebook! Buy & Sell + 507-289-4844

### JOHN KRUESEL'S

### GENERAL MERCHANDISE

22 3rd Street S.W., Rochester, MN 55902 507-289-8049

American Antiques, Early Lighting, Jewelry, Consulting, Restoration, Auction Services, Estates Purchased Hours: Tues - Sat 1:00 - 5:00 (and by chance) Email: kruesel@msn.com + www.kruesel.com Specializing in the Unusual.

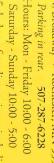
600 Block of North Broadway + Rochester, MN 55906



507-252-9717 Mon - Fri 10:00 - 6:00; Sat 10:00 - 4:00 primitives & shabby chic. 3 Great store Specializing in antiques, mid-century, A resale emporium of contemporary fronts with off street parking. fashions, vintage furniture & home decor.

# OLD ROOSTER ANTIQUES

106 N. Broadway · Rochester, MN 55906 Hours: Mon - Friday 10:00 - 6:00 Saturday - Sunday 10:00 - 5:00 Parking in rear. 507-287-6228



Over 15 dealers of quality antiques including pottery, glassware, jewelry, stoneware, tools, clocks, pictures, toys and furniture Also doll repair, lamp parts and reproduction hardware. Large selection of furniture in Lower Level

# PETERSON'S ANTIQUES & STRIPPING

111 NE 11th Ave. + Rochester, MN 55906 507-282-9100 or 507-289-0277 Res.

& kitchens. Go Green and save your Green, recycle your furniture 11 blocks from downtown. Specializing in antique furniture refinished or as found. Buy and sell. Furniture restoration and kitchens with a new finish.

Hours: Mon - Fri 9:00 - 5:00 + Sat by chance or appointment Owners: Wayne, Sharon and Tanya Peterson

# HOUSE OF HIDDEN TREASURE (1859)

Since 1968 - One Owner Shop Dee Haas + 507-932-3577

807 Richland Ave. + St. Charles, MN 55972

(3,000), Car ads (7,000). A place where you can dig & lots of dust. 12 rooms, garage, barn full. General line & junk. Old prints Open 10:00 - 5:00 Daily

Call Jan, Feb, Mar & 1st part of April (No heat, dress warm)

# SARAH'S UNIQUES & JIM'S "MAN"TIQUES

912 Whitewater Avenue + St. Charles, MN 55972 507-251-0050 + 507-272-2134

complete "MAN" tique section full of gas and oil, pumps, porcelain Antiques, Collectibles, Furniture, Primitives, Unique items and a signs, advertising, cast iron, beer items, fishing and much more!!! Visit us on Facebook!

### Hours: Wednesday thru Saturday 10:00 - 5:00, Extended Seasonal & Holiday hours!!!

HOME DÉCOR LLC

VINTAGE TREASURES AND

Antiques, Vintage, Collectibles, furniture, home décor and re-purposed one of a kinds. New affordable finds arriving daily to fit every budget! 1113 Whitewater Avenue + St. Charles, MN 55972 Open: Wednesday - Friday 10 - 5; Saturday 10 - 4 507-429-6268 Like us on Facebook extended seasonal hours

# HOARDERS HEAVEN ANTIQUES

Open: Wednesday thru Sunday Noon to 6 pm 211 N. Main Street + Stewartville, MN 55976 Call 507-319-2154 for off hour shopping

From Primitives to New, Furniture, Collectibles, Tools, Jewelry,

Designer Bags, Clothing and Man Cave Specialties, Truly

something for everyone. Negotiable pricing to sell.

# Mystic Moon Antiques

AND COLLECTIBLES

Mystic Moon

1224 10th Street NW New Location

1.2 miles west of Stewartville Bowling Alley

Stewartville, MN 55976

Call Al for update 507-533-6484 or Opening in the Spring of 2018

keep in touch on Facebook

# OLD RIVER VALLEY ANTIQUE MALI

204 South Main Street + Stewartville, MN 55976 507-533-0094

Antiques, furniture, primitives and more! 7,000+ sq. ft. and 25+ Dealers Open 7 days a week Parking in back.

Monday-Saturday 9:30 - 5:30 & Sunday 12 - 5:30 Instagram: old\_river\_valley\_antique\_mall www.oldrivervalleyantiquemall.com Like us on Facebook: ORVAM

# STEWARTVILLE FLEA MARKET

204 South Main Street, Stewartville, MN 55976 Located at Old River Valley Antique Mall October 20-21, 2018 June 23-24, 2018 &

Indoor & Outdoor; Antiques, Vintage & Repurposed Contact Chris Kujath 507-951-6412

October 19-20, 2019

June 22-23, 2019 &





# PROUD'S BRIDGESIDE ANTIQUES

234 West Main Street · Wabasha, MN 55981 Hours: Sunday - Thursday 11 - 4 Friday and Saturday 10 - 5 March 1st - December 15 507-951-0999

Like us on Facebook

Rochester Garden & Flower Club

# Appual Garden Tour

Saturday, July 20th
Self-Guided, Rain or Shine!
\$15 per person- Under 18 FREE

9:30am-1:30pm: Ticket Sales & Tour Start

Demonstrations and Vendors

at RCTC Heintz Center SMART Gardens

1926 College View Road East

10:00am to 4:00pm: Private Gardens Open
Enjoy the day touring
outstanding gardens full of
inspiring ideas, art & music.

visit us at <u>www.rgfc.org</u> or Facebook



### **HELP STOP FACTORY FARMING!**

### The Most Destructive Industry Facing the Planet Today

Climate Change

Livestock is responsible for 65% of nitrous oxide emissions. Livestock's Long Shadow: Environmental Issues and Options, Food and Agriculture Organization of the United Nations, 2006.

Scientists attribute rising methane levels to agriculture. H. Schaefer et al. A 21st Century Shift from Fossil Fuel to Biogenic Methane Emissions Indicated by 13CH4, Science (2016).

Water Use - United States

Agriculture is responsible for 80-90% of U.S. water consumption. USDA ERS-Irrigation & Water Use, United States Department of Agriculture Economic Research Service, 2013.

Water Use - State of Minnesota

Statewide, groundwater use has increased 35% over the past 25 years. In some areas, groundwater use has increased by as much as 175%. Minnesota DNR website.

Water Contamination - Southern Minnesota

MPCA study confirms elevated nitrate and phosphorus levels, particularly in southern Minnesota. Half the lakes and rivers in southern Minnesota are too polluted much of the time for safe swimming and fishing. Swimmable, fishable, fixable? MPCA (April 2015)

**Animal Waste** 

Every minute 7 million pounds of excrement are produced by animals raised for food in the United States. What's the Problem?, United States Environmental Protection Agency; How to Manage Manure, Healthy Landscapes.

Animal Waste - State of Minnesota

Estimated population of the State of Minnesota as measured by manure output is 50 million due to operation of an estimated 18,000 registered feedlots. MPCA website.

Dodge County Concerned Citizens dodgecc.org Contact us at info@dodgecc.org

### **FACTORY FARM FACTS**

Estimated population of the State of Minnesota as measured by manure output (per MPCA)

50 million

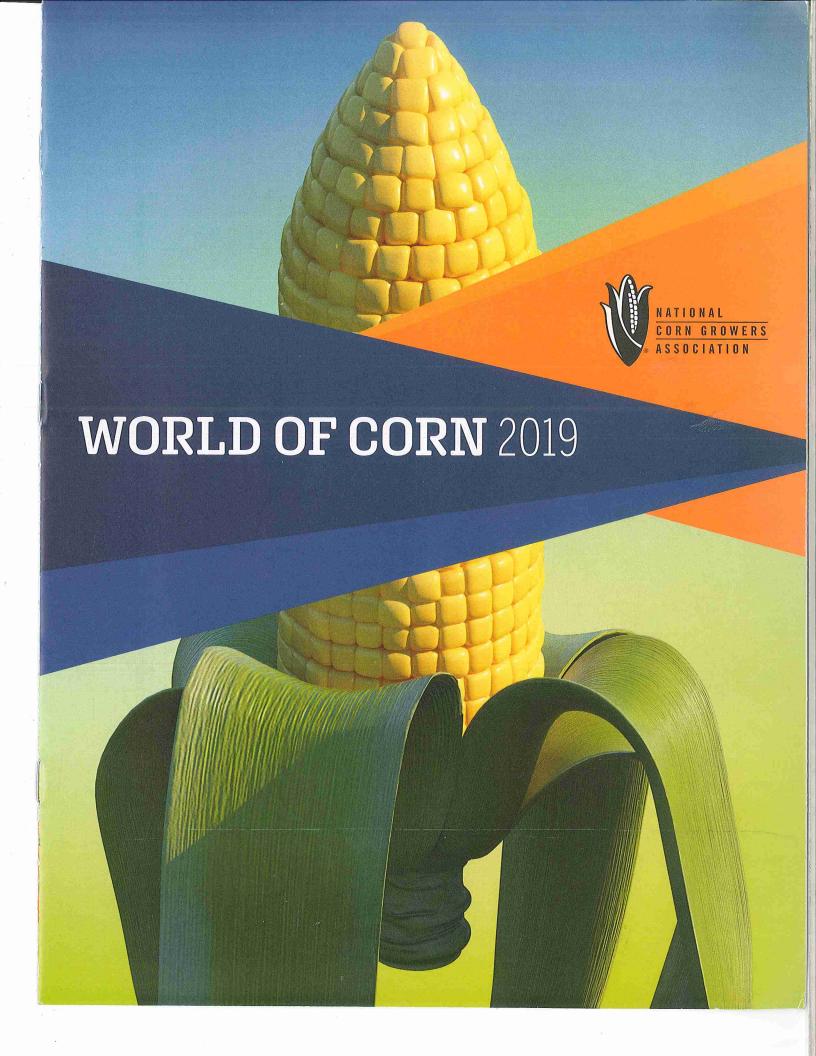
Estimated number of feedlots in the State of Minnesota (per MPCA)

18,000

### Don't Miss!

The Dark Side of the Other White Meat - While California scrambles to preserve its dwindling water supply, Big Ag is squandering Minnesota's valuable water resources and leaving a trail of contamination in its wake. It's no surprise that half of the lakes and streams in southern Minnesota are too polluted for recreational activities. In Dodge County and around Minnesota, our groundwater is at risk of overuse and contamination — and data suggest that factory farms are to blame. Dodge County Concerned Citizens invites you to view the recently released documentary, *The Dark Side of the Other White Meat*. For further information, go to dodgecc.org.

Here's the link: https://youtu.be/OYftmAQsJ7I



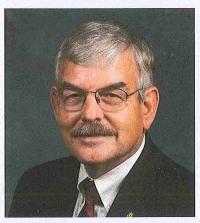
### A Letter from NCGA



In 2018, America's corn farmers demonstrated again how the world of opportunities corn farmers create truly does a world of good. Using practices that care for the land, air and water, corn farmers grew another record-setting crop that will feed and fuel a healthy, growing world. This crop continues to offer innovative solutions that help us all care for our world with the same passion as the farm families who view it as their legacy. As the World of Corn continues to grow, we invite you to take a moment to learn more about how amazing maize can be.



JON DOGGETT
CEO

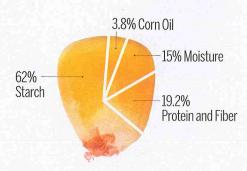


LYNN CHRISP
PRESIDENT Lynn & Chup

BUSHELS
ACRE
harvested in 1912

BUSHELS
ACRE
harvested in 2018

### **Components of Yellow Dent Corn**



Source: Corn Chemistry and Technology, 1999

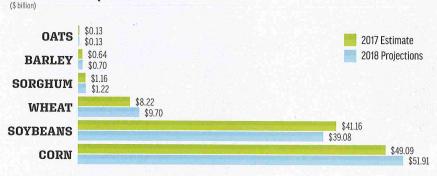
### **U.S. CORN AT A GLANCE 2018** MILLION LANTED \$3.60

### **U.S. All Crop Acres Harvested** 2017 - 2018

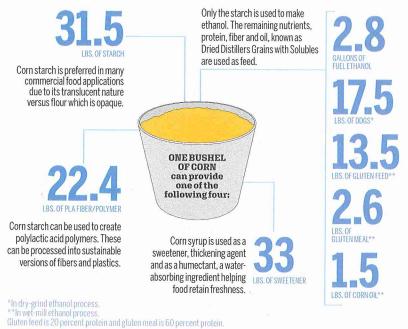
| (1,000 acre)   | 2017   | 2018   |
|--|--|--|
| Corn (grain)   | 82,733   | 81,740   |
| Corn (silage)  | 6,385  | 6,113  |
| Soybeans   | 89,542   | 88,110   |
| Hay  | 52,777   | 52,839   |
| Wheat  | 37,555   |  |
| Cotton   | 11,100   | 39,605<br>10,531   |
| Sorghum (grain)  | 5,044  | 5,061  |
| Sorghum (silage)   | 282  | 264  |
| Rice   | 2,374  | 2,915  |
| Barley   | 1,962  | A THE RESIDENCE OF THE PARTY OF |
| Canola   | 2,002  | 1,978<br>1,944   |
| Dry Edible Beans   | CONTRACTOR DESCRIPTION OF THE PARTY OF THE P | THE RESPECTATION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED  |
| Peanuts  | 2,023  | 2,016  |
| Sunflower  | 1,776  | 1,369  |
| THE WARTHER THE PARTY OF THE PA | 1,334  | 1,223  |
| Dry Edible Peas  | 1,052  | 808  |
| Sugar Beets<br>Potatoes  | 1,114  | 1,095  |
| Oats   | 1,045  | 1,023  |
| NAME AND ADDRESS OF THE OWNER, WHEN PARTY AND AD | 804  | 865  |
| Sugar Cane<br>Lentils  | 904  | 908  |
| ACCUMULATION OF THE PARTY OF TH | 1022   | 718  |
| Rye  | 300  | 273  |
| Proso Millet   | 403  | 403  |
| Flaxseed   | 272  | 198  |
| Tobacco  | 322  | 291  |
| Sweet Potatoes   | 159  | 144  |
| Safflower  | 145  | 156  |
| Mustard Seed   | 95   | 98   |
| Peppermint   | 61   | 59   |
| Hops   | 54   | 55   |
| Other  | 41   | 37   |
| TOTAL  | 304,682  | 302,839  |

Source: USDA, NASS, Crop Production 2018 Summary, Feb. 8, 2019

### **U.S. Select Crop Value**



Source: USDA WASDE Feb. 8, 2019



### 2018 U.S. Corn Production by State

|          | 0.0.00                       | mirodao                                  | eloli loy                   |                                      |
|----------|------------------------------|--|-----------------------------|--------------------------------------|
|          | Acres<br>Planted<br>(1,000s) | Acres<br>Harvested for<br>Grain (1,000s) | Average<br>Yield<br>bu/acre | Total<br>Production<br>1,000 bushels |
| AL       | 260                          | 250                                      | 156                         | 39,000                               |
| AR       | 660                          | 645                                      | 181                         | 116,745                              |
| AZ       | 70                           | 15                                       | 220                         | 3,300                                |
| CA       | 430                          | 65                                       | 173                         | 11,245                               |
| CO       | 1,470                        | 1,200                                    | 130                         | 156,000                              |
| CT       | 23                           | NA                                       | NA                          | NA                                   |
| DE       | 170                          | 166                                      | 145                         | 24.070                               |
| FL       | 100                          | 65                                       | 157                         | 10,205                               |
|          | 325                          | 285                                      | 176                         | 50,160                               |
| GA<br>IA | 13,200                       | 12,800                                   | 196                         | 2,508,800                            |
|          |                              | 135                                      | 213                         | 28,755                               |
| ID       | 360                          |  | 210                         | 2,278,500                            |
| IL       | 11,000                       | 10,850                                   | 189                         | 982,800                              |
| IN       | 5,350                        | 5,200                                    |                             | 645,000                              |
| KS       | 5,450                        | 5,000                                    | 129                         |                                      |
| KY       | 1,340                        | 1,230                                    | 175                         | 215,250<br>77,850                    |
| LA       | 460                          | 450                                      | 173                         |                                      |
| MA       | 14                           | NA                                       | NA<br>146                   | NA<br>FC 040                         |
| MD       | 450                          | 390                                      | 146                         | 56,940                               |
| ME       | 31                           | NA                                       | NA                          | NA NA                                |
| MI       | 2,300                        | 1,940                                    | 153                         | 296,820                              |
| MN       | 7,900                        | 7,490                                    | 182                         | 1,363,180                            |
| MO       | 3,500                        | 3,330                                    | 140                         | 466,200                              |
| MS       | 480                          | 465                                      | 185                         | 86,025                               |
| MT       | 115                          | 68                                       | 85                          | 5,780                                |
| NC       | 910                          | 830                                      | 113                         | 93,790                               |
| ND       | 3,150                        | 2,930                                    | 153                         | 448,290                              |
| NE       | 9,600                        | 9,310                                    | 192                         | 1,787,520                            |
| NH       | 13                           | NA                                       | NA                          | NA                                   |
| NJ       | 72                           | 61                                       | 141                         | 8,601                                |
| NM       | 135                          | 35                                       | 187                         | 6,545                                |
| NV       | 13                           | NA                                       | NA                          | NA                                   |
| NY       | 1,100                        | 645                                      | 159                         | 102,555                              |
| OH       | 3,500                        | 3,300                                    | 187                         | 617,100                              |
| OK       | 320                          | 280                                      | 134                         | 37,520                               |
| OR       | 80                           | 45                                       | 195                         | 8,775                                |
| PA       | 1,350                        | 950                                      | 140                         | 133,000                              |
| RI       | 2                            | NA                                       | NA                          | NA                                   |
| SC       | 340                          | 310                                      | 127                         | 39,370                               |
| SD       | 5,300                        | 4,860                                    | 160                         | 777,600                              |
| TN       | 740                          | 690                                      | 168                         | 115,920                              |
| TX       | 2,200                        | 1,750                                    | 108                         | 189,000                              |
| UT       | 70                           | 22                                       | 182                         | 4,004                                |
| VA       | 485                          | 325                                      | 146                         | 47,450                               |
| VT       | 85                           | NA                                       | NA                          | NA<br>10 700                         |
| WA       |                              | 85                                       | 220                         | 18,700                               |
| WI       | 3,900                        | 3,170                                    | 172                         | 545,240                              |
| WV       |                              | 33                                       | 152                         | 5,016                                |
| WY       | and the same of the same of  | 70                                       | 164                         | 11,480                               |
| U.S      | . 89,129                     | 81,740                                   | 176                         | 14,420,101                           |

Source: USDA, NASS, Crop Production 2018 Summary, Feb. 8, 2019

### HISTORICAL CORN **PERFORMANCE**

1938 - 2018

### **U.S. Corn Production**

1938 - 2018

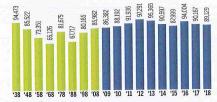


Source: USDA, NASS, Crop Production 2018 Summary, Feb. 8, 2019

### **U.S. Corn Acres Planted**

1938 - 2018

(1.000 acre)



Source: USDA, NASS, Crop Production 2018 Summary, Feb. 8, 2019

### 1938 - 2018 (million bushels)

**U.S. Corn Ending Stocks** 



Source: USDA, WAOB, World Agriculture Supply & Demand Estimates, Feb. 8, 2019

\*Crop Year Ending Aug. 31, 2019

### **U.S. Corn Acres Harvested**

1938 - 2018

(1,000 acre)



Source: USDA, NASS, Crop Production 2018 Summary,

### **U.S. Corn Prices** 1938 - 2018



Source: USDA, WAOB, World Agriculture Supply & Demand Estimates, Feb. 8, 2019

\* projected for crop year Sept. 2018 – Aug. 2019

### **U.S. Average Corn Yield** 1938 - 2018

(bushels/acre)



Source: USDA, NASS, Crop Production 2018 Summary,

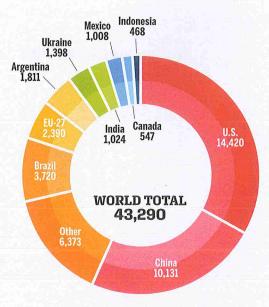
### **U.S. Corn Crop Value** 1938 – 2018



\*estimate \*\*projections

### **World Corn Production** 2018 - 2019\*

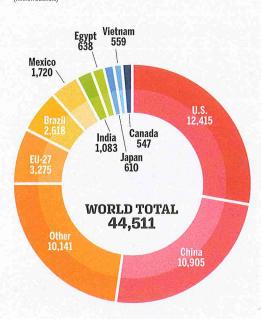
(million bushels)



Source: USDA, FAS Grain: World Markets and Trade, Feb. 2019 \*Marketing Year Oct. 1, 2018 - Sept. 30, 2019

### **World Corn Consumption** 2018 - 2019\*

(million bushels)



Source: USDA, FAS Grain: World Markets and Trade, Feb. 2019 \*Marketing Year Oct. 1, 2018 - Sept. 30, 2019

### **World Corn Exports/Imports** 2018 - 2019\*

### South Africa 63 (1.0%) Paraguay 87 (1.3%) Serbia 106 (1.7%) — EU-27 59 (0.9%) — Burma 47 (0.7%) — Other 190 (2.9%) **EXPORTING NATIONS** Russia 118 (1.8%) U.S. 2,450 (38.0%) Ukraine 1,122 (17.4%) Brazil 1,102 (17.1%) TOTAL EXPORTS/ IMPORTS

**IMPORTING NATIONS** 

| EU-27 827<br>(13.9%) | Mexico 657<br>(11.1%) | Japan 610<br>(10.3%) | Vietnam<br>433<br>(7.3%) | S Korea<br>402<br>(6.8%)               |   | 1 | 1 |   | Other 1,962<br>(33.0%)  |
|----------------------|-----------------------|----------------------|--------------------------|--|---|---|---|---|---|
|                      |                       |                      |                          | 2 (6.4%) —<br>4 (6.3%) —<br>7 (3.6%) — | ľ |   | Y | L | U.S.51 <b>(0.9%)</b> — Saudi Arabia 197 <b>(3.3%)</b> — China 197 <b>(3.3%)</b> |

6,450

Source: USDA, FAS Grain: World Markets and Trade, Feb. 2019

\*Marketing Year Oct. 1, 2018 - Sept. 30, 2019

### **U.S. Corn Exports/Leading Markets** 2015 – 2018



|             | 2015 - 16 | 2016 - 17 | 2017 - 18 |
|-------------|-----------|-----------|-----------|
| Mexico      | 525       | 548       | 619       |
| Japan       | 409       | 533       | 519       |
| South Korea | 117       | 220       | 226       |
| Colombia    | 179       | 186       | 200       |
| Peru        | 94        | 118       | 127       |
| Taiwan      | 81        | 117       | 97        |

Source: USDA, ERS Feed Outlook Feb. 2019

|              | 2015 - 16 | 2016 - 17 | 2017 - 18 |
|--------------|-----------|-----------|-----------|
| EU-27        | 16        | 33        | 75        |
| Canada       | 40        | 28        | 65        |
| Saudi Arabia | 55        | 84        | 59        |
| Egypt        | 34        | 13        | 52        |
| Other        | 353       | 412       | 398       |
| Total        | 1,898     | 2,293     | 2,438     |

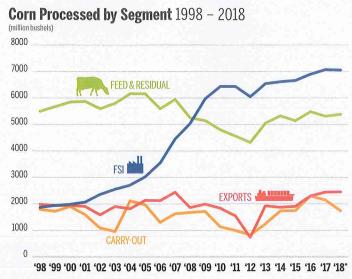
### **U.S. Corn Exports** 1998 – 2018



Source: USDA, WAOB, World Agriculture Supply & Demand Estimate, Feb. 8, 2019

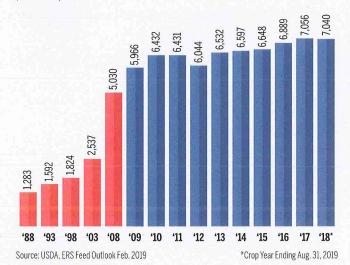
\*estimate \*\*projections





### Food/Seed/Industrial Usage 1988 - 2018



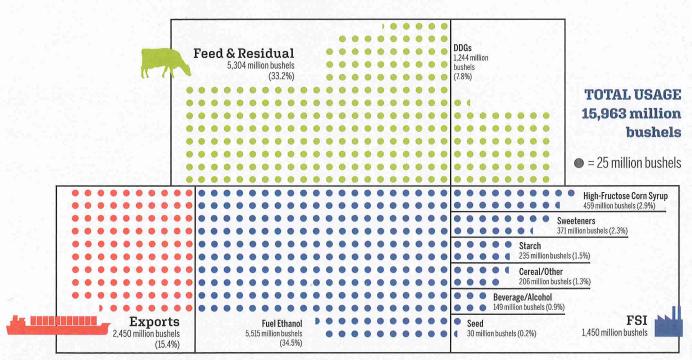


Source: USDA, ERS Feed Outlook Feb. 2019

\*projection

### **CORN USAGE BY SEGMENT** 2018

(million bushels



Source: USDA, ERS Feed Outlook, Feb. 2019; ProExporter Network, Crop Year Ending Aug. 31, 2019

### **High-Fructose Corn Syrup Usage** 1988 – 2018



### Sweetener Usage 1988 – 2018

(million bushels)



### **Starch Usage** 1988 - 2018

(million husbels

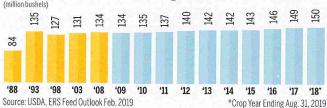


### **Cereal and Food 1988 - 2018**

(million bushels)

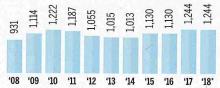


### **Beverages and Manufacturing Alcohol** 1988 – 2018



### Corn Displaced by DDG/CGF in Domestic Livestock Rations

2008 - 2018 (million bushels)

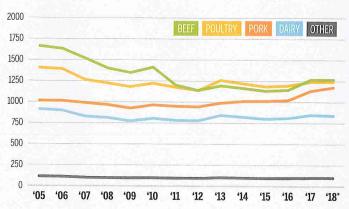


Source: ProExporter Network, Crop Year Ending Aug. 31, 2019

\* projections

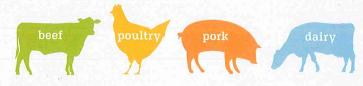
### **Corn Fed by Species** 2005 - 2018

bushels)



Source: ProExporter Network, Crop Year Ending Aug. 31, 2019

\*projections



### U.S. Meat Exports by Animal Group 1998 – 2018

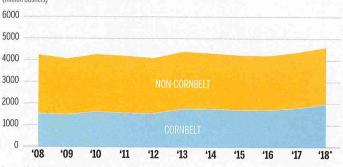
thousand metric tons)



Source: PRX; USDA, WAOB World Agriculture Supply and Demand Estimates, Feb. 8, 2019

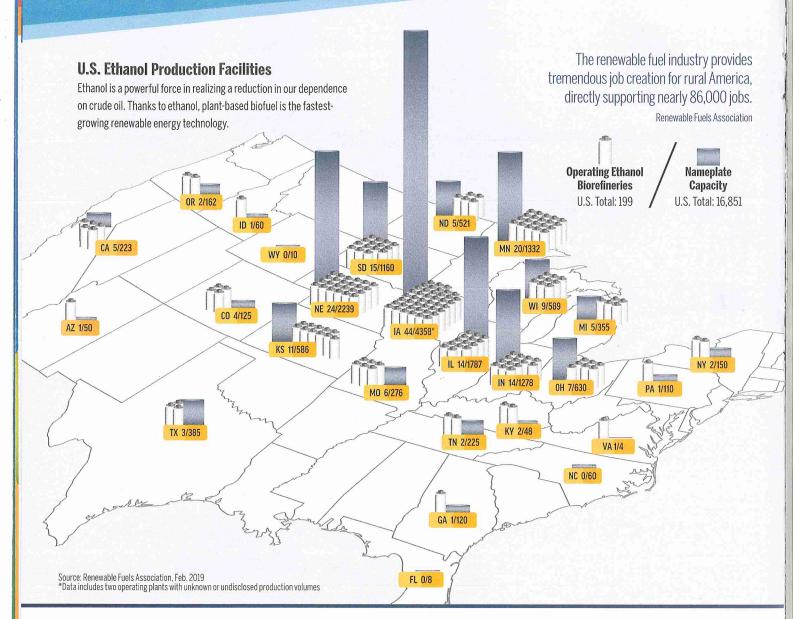
\*Calendar year estimates

### **U.S. Corn Fed by Region** 2008 – 2018



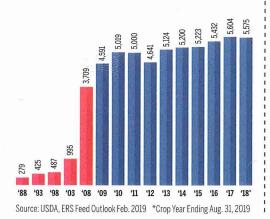
Source: ProExporter Network, Crop Year Ending Aug. 31, 2019

\*projections

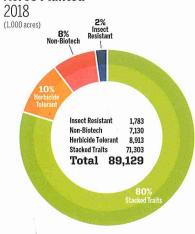


### Corn Used for Ethanol and DDG Production

1988 - 2018 (million bushels)



### Biotech Share of U.S. Corn Acres Planted



Source: USDA, NASS, Acreage Report June 30, 2018

### Percentage of Biotech Acreage 2016 – 2018

|       |     | Insec<br>esista |     |     | erbici<br>olera |     |     | tack<br>Trait |     |     | Biot<br>lybri |     |
|-------|-----|-----------------|-----|-----|-----------------|-----|-----|---------------|-----|-----|---------------|-----|
| Year  | '16 | 17              | '18 | '16 | '17             | '18 | '16 | '17           | '18 | '16 | '17           | '18 |
| IL    | 2   | 3               | 1   | 4   | 4               | 5   | 87  | 85            | 89  | 93  | 92            | 95  |
| IN    | 2   | 3               | 2   | 9   | 9               | 7   | 75  | 75            | 77  | 86  | 87            | 86  |
| IA    | 3   | 5               | 3   | 9   | 9               | 7   | 80  | 80            | 83  | 92  | 93            | 94  |
| KS    | 4   | 3               | 2   | 12  | 12              | 10  | 79  | 77            | 84  | 95  | 95            | 92  |
| MI    | 3   | 1               | 2   | 18  | 18              | 11  | 70  | 71            | 72  | 91  | 87            | 90  |
| MN    | 3   | 2               | 1   | 10  | 10              | 9   | 80  | 82            | 83  | 93  | 94            | 93  |
| MO    | 4   | 2               | 2   | 8   | 8               | 7   | 81  | 81            | 83  | 93  | 91            | 92  |
| NE    | 3   | 3               | 3   | 15  | 15              | 9   | 77  | 81            | 84  | 95  | 96            | 90  |
| ND    | 4   | 5               | 2   | 25  | 25              | 21  | 66  | 67            | 69  | 95  | 93            | 97  |
| ОН    | 2   | 2               | 2   | 18  | 18              | 14  | 66  | 66            | 70  | 86  | 82            | 86  |
| SD    | 4   | 3               | 2   | 16  | 16              | 15  | 78  | 77            | 79  | 98  | 97            | 96  |
| TX    | 8   | 5               | 6   | 11  | 11              | 12  | 71  | 77            | 75  | 90  | 95            | 93  |
| WI    | 3   | 2               | 3   | 17  | 17              | 13  | 70  | 71            | 72  | 90  | 97            | 90  |
| Other | 5   | 4               | 4   | 18  | 18              | 15  | 68  | 70            | 71  | 91  | 91            | 92  |
| Total | 3   | 3               | 2   | 13  | 13              | 10  | 76  | 77            | 80  | 92  | 92            | 98  |

Source: USDA, NASS, Acreage Report June 30, 2018

### CORN PROCESSING

**Corn Refiners Association** 

(202) 331-1634 www.corn.org

North American Millers' Association

(202) 484-2200 www.namamillers.org

### **CORN INPUT**

**American Seed** Trade Association

(703) 837-8140 www.betterseed.org

**CropLife America** 

(202) 296-1585 www.croplifeamerica.org

The Fertilizer Institute

(202) 962-0490 www.tfi.org

### CORNEXPORTS

**U.S. Grains Council** 

(202) 789-0789 www.grains.org

### FOOD AND SNACK CORN

Popcorn Board

(312) 644-6610 www.popcorn.org

**Snack Food Association** 

(703) 836-4500 www.snacintl.org

### **CORN FUTURES**

**CME Group** 

(312) 930-1000 www.cmegroup.com

### RENEWABLEFUELS

**American Coalition for Ethanol** 

(605) 334-3381 www.ethanol.org

**Growth Energy** (202) 545-4000

www.growthenergy.org

Renewable Fuels Association

(202) 289-3835 www.ethanolrfa.org

### LIVESTOCK & FEED

American Feed **Industry Association** 

(703) 524-0810 www.afia.org

**National Cattlemen's Beef Association** 

(303) 694-0305 www.beefusa.org

### National Grain & Feed Association

(202) 289-0873 www.ngfa.org

**National Pork Board** 

(515) 223-2600 www.pork.org

**National Pork Producers Council** 

(202) 347-3600 www.nppc.org

US Poultry & Egg Association

(770) 493-9401 www.uspoultry.org

### STATE ORGANIZATIONS

Alabama Soybean and Corn **Growers Association** 

(256) 882-3369 Mark Hall, Executive Director mark@alabamasoycorn.org www.alabamasoycorn.org

### Alabama Wheat and Feed **Grains Producers**

(334) 613-4216 Carla Moore Hornady, Director chornady@alfafarmers.org

### **Arkansas Corn and Grain** Sorghum Board

(501) 228-1628 Mark Lambert, **Executive Director** mark.lambert@arfb.com www.corn-sorghum.org

### Colorado Corn Growers Association

Colorado Corn Administrative Committee (970) 351-8201 Mark Sponsler, CEO msponsler@coloradocorn.com www.coloradocorn.com

### Georgia Agricultural Commodity Commission

(404) 656-3678 Commodity Commissions Manager andy.harrison@agr.georgia.gov

### **Georgia Corn Growers Association**

(229) 392-6607 Dewey Lee, Executive Director deweylee@uga.edu www.georgiacorngrowers.org

### Illinois Corn Growers Association

(309) 557-3257 Rodney Weinzierl, Executive Director weinzier@ilcorn.org www.ilcorn.org

### **Illinois Corn Marketing Board**

(309) 827-0912 Rodney Weinzierl, Executive Director weinzier@ilcorn.org

### **Indiana Corn Growers Association**

Indiana Corn Marketing Council (800) 735-0195 (317) 347-3620 Jane Ade Stevens, CEO jadestevens@indianacorn.org www.incorn.org

### Iowa Corn Growers Association

Iowa Corn Promotion Board (515) 225-9242 Craig Floss, CEO cfloss@iowacorn.org www.iowacorn.org

### Kansas Corn Growers Association

Kansas Corn Commission (785) 448-6922 Greg Krissek, CEO gkrissek@ksgrains.com www.ksgrains.com

### **Kentucky Corn Growers Association**

Kentucky Corn Promotion Council (866) 543-9674 (800) 326-0906 Laura Knoth, Executive Director laura@kycorn.org www.kycorn.org

### Louisiana Cotton and **Grain Association**

(318) 537-8403 Bobby Skeen, Executive Vice President www.lacottonandgrain.com

### Louisiana Soybean and Grain Research and Promotion Board

(225) 922-6209 Kyle McCann. **Executive Director** kylem@lfbf.org

### **Maryland Grain Producers Association**

Maryland Grain Producers Utilization Board Lindsay Thompson, Executive Director lindsay.mdag@gmail.com www.marylandgrain.com

### **Michigan Corn Growers Association**

Corn Marketing Program of Michigan (517) 668-CORN (2676) (888) 323-6601 Jim Zook, Executive Director jzook@micorn.org www.micorn.org

### **Minnesota Corn Growers Association**

Minnesota Corn Research and Promotion Council (952) 233-0333 Adam Birr, Ph.D. **Executive Director** abirr@mncorn.org www.mncorn.org

### Mississippi Corn Growers Association

Mississippi Corn Promotion Board Dr. Erick Larson elarson@msstate.edu

### Missouri Corn Growers Association

Missouri Corn Merchandising Council (573) 893-4181 Gary Marshall, CEO gmarshall@mocorn.org www.mocorn.org

### Nebraska Corn Board

(402) 471-CORN (2676) (800) 632-6761 Kelly Brunkhorst, Executive Director, kbrunkhorst@nebraska.gov www.nebraskacorn.org

### **Nebraska Corn Growers Association**

(402) 438-6459 Kelly Brunkhorst, Executive Director, kbrunkhorst@nebraska.gov www.necga.org

### **New York Corn and Soybean Growers Association**

(585) 689-2321 Colleen Klein, Executive Director cklein@nycornsoy.com www.nycornsoy.org

### Corn Growers Association of North Carolina Inc.

(919) 810-2611 Rhonda Garrison Executive Secretary rhonda\_corngrowers@yahoo.com

### North Dakota Corn **Growers Association**

North Dakota Corn Utilization Council (701) 566-9322 Dale Ihry, Executive Director dale@ndcorn.org www.ndcorn.org

### **Ohio Corn and Wheat Growers Association**

Ohio Corn Marketing Program (740) 201-8088 Tadd Nicholson, Executive Director tnicholson@ohiocornandwheat.org www.ohiocornandwheat.org

### **Oklahoma Corn Growers Association**

(580) 338-1568 Raylon Earls, Acting President

Pennsylvania Corn Growers Association (484) 788 7263 Eric Rosenbaum, Executive Director ericrosenbaum@rosetreeconsulting.com www.pacorngrowers.org

### South Carolina Corn and Soybean Association

(803) 356-3727 Kathy Fudge, Executive Director sccsa@collabefforts.com www.sccsafarms.org

### South Dakota Corn **Growers Association**

South Dakota Corn Utilization Council (605) 334-0100 Lisa Richardson. Executive Director lisal@sdcorn.org www.sdcorn.org

### **Tennessee Corn Growers Association**

(731) 796-0311 Mike Holman, Interim Secretary 1holmanfarms@gmail.com www.tncorn.org

### **Corn Producers Association of Texas**

Texas Corn Producers Board (806) 763-2676 David Gibson, Executive Director dgibson@texascorn.org www.texascorn.org

### Virginia Corn Board

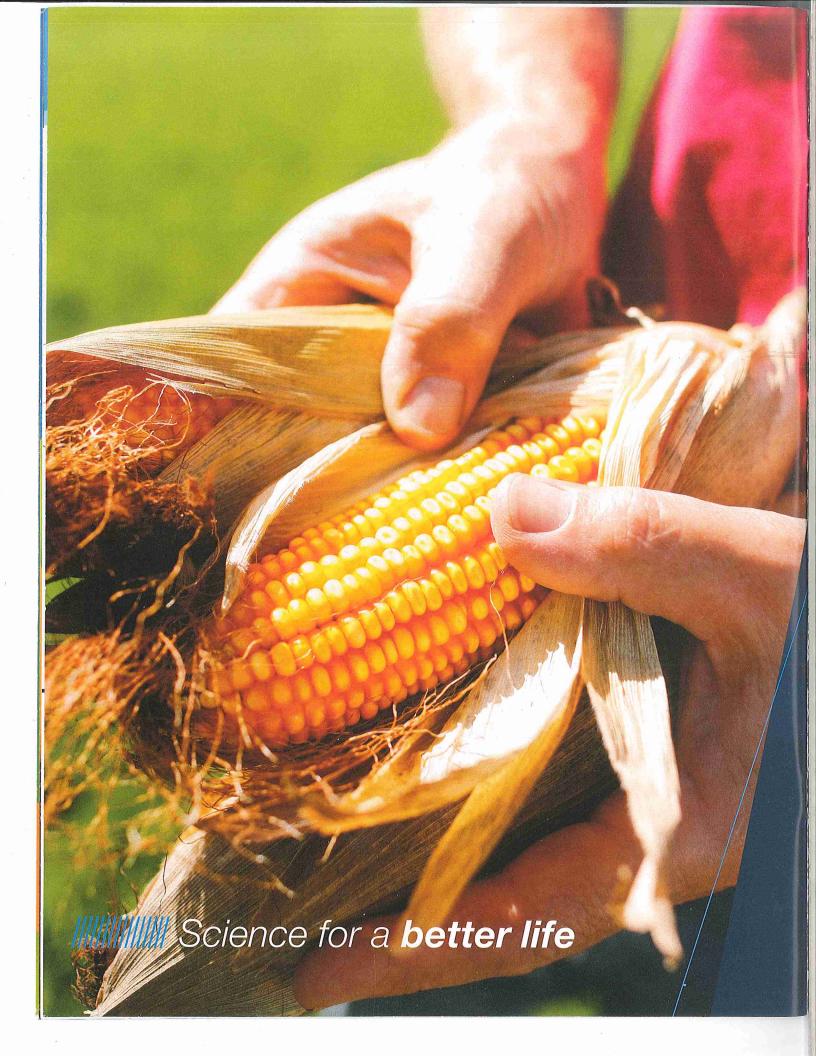
(804) 371-6157 Phil Hickman, Program Director phil.hickman@vdacs.virginia.gov

### **Virginia Grain Producers Association**

(804) 726-6022 Chris Atkins, Executive Director chris@virginiagrains.com www.virginiagrains.com

### **Wisconsin Corn Growers Association**

Wisconsin Corn Promotion Board (262) 372-3289 Nicole Wagner, Executive Director nicole@wicorn.org www.wicorn.org



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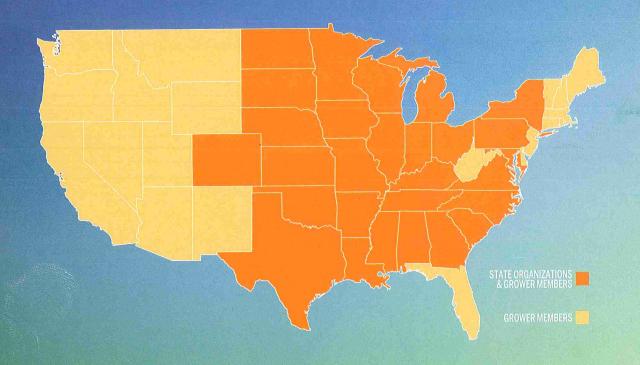


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Founded in 1957, the National Corn Growers Association represents nearly 40,000 dues-paying corn farmers nationwide and the interests of more than 300,000 growers who contribute through corn checkoff programs in their states. NCGA and its 50 affiliated state organizations work together to sustainably feed and fuel a growing world by creating and increasing opportunities for corn growers.

### For more information, visit www.ncga.com





National Corn Growers Associatior www.ncga.com www.worldofcorn.com 632 Cepi Drive Chesterfield, MO 63005 (636) 733-9004 20 F Street NW, Suite 600 Washington, DC 20001 (202) 628-7001



1408 21<sup>st</sup> Ave. NW Austin, MN 55912 507-434-2603

### **SUMMARY OF PERMITTING & RULES**

### **RULE 4. STORMWATER**

A review of the MPCA, NPDES Application and is required for any development of property or a series of projects in close proximity resulting in the creation of one acre or more of Impervious Surface ("Impervious Surface Property"). Within 5 days of submitting the MPCA, NPDES application to MPCA, the applicant must submit a copy of the application to the District for review. A copy of the approved permit must be submitted to the CRWD office.

### RULE 5. DRAINAGE - A PERMIT IS REQUIRED IF.....

- 1. If you are cleaning a ditch (public or private) including trees, shrubs and sediment, you need a permit.
- 2. Construction, reconstruction or laying of any bridge or culvert, you need a permit.
- 3. Driveway culverts may not require a permit, please contact the office to clarify.
- 4. If making Improvements, "enlarging, extending, straightening, or deepening of existing Open Ditch or Public Drainage System", you need a permit.

### RULE 6. FLOODPLAIN - A PERMIT IS REQUIRED IF.....

1. Alteration or filling of land below the projected 100 year high water elevation of a waterbody or detention area. 2. Construction of a structure with a low floor elevation lower than the 100 year floodplain.

Floodplain line is defined by FEMA or another source as acceptable to the CRWD.

### RULE 7. WATERBODY ALTERATIONS - A PERMIT IS REQUIRED IF.....

- 1. If you are intentionally flooding land, enlarging a wetland or other Waterbody by means of diversion, detention or impoundment, you need a permit.
- 2. If you are constructing, installing, or altering of a Water Control Structure in any Waterbody, you need a permit.
- 3. If you are diverting water into a different Hydrological Unit, you need a permit.

### RULE 8. EROSION CONTROL - NO PERMITS ARE REQUIRED BUT..

- 1. Land disturbing activities greater than one acre must submit copies of MPCA stormwater permit applications including erosion and stormwater runoff control plans. Before work begins, the District must have an opportunity to review and comment on plans.
- 2. All land disturbing activities less than one acre and greater than 2500 square feet are required to have a erosion and sediment control best management practices in place. See rules for list of best management practices.
- 3. Agricultural land within the District must control erosion to rates no greater than soil loss tolerances as defined by NRCS /RUSLE 2.