

# ISABELLA CONSERVATION DISTRICT SPRING 2022 NEWSLETTER



**LOOK INSIDE  
FOR THE 2022  
TREE ORDER  
BLANKS**

**Protecting  
Water Quality  
Since 1949**

## **Chippewa River in Deerfield Township**

**Photo courtesy of Mike LeValley, CWC Executive Director**

**Providing Isabella County with Technical/Cost-share assistance,  
information and educational programs since 1949.**

**[www.isabellaconservationdistrict.org](http://www.isabellaconservationdistrict.org)**

**Published by Mid Michigan Buyers Guide • February 13, 2022**





## **DATES TO REMEMBER**

### **ELECTRONIC WASTE RECYCLING DAY**

SATURDAY, MAY 14TH FROM 8:00 A.M. - 12:00 P.M.

### **TIRE RECYCLING COLLECTION\***

SATURDAY, JUNE 25TH - 8:00 A.M. - 12:00 P.M.

OR UNTIL TRAILERS ARE FULL.

PLEASE HAVE TIRES CLEAN. WE WILL NOT ACCEPT TIRES THAT ARE PACKED WITH MUD.

### **TIRE RECYCLING COLLECTION\***

SATURDAY, OCTOBER 1ST - 8:00 A.M. - 12:00 P.M.

OR UNTIL TRAILERS ARE FULL.

PLEASE HAVE TIRES CLEAN. WE WILL NOT ACCEPT TIRES THAT ARE PACKED WITH MUD.

### **HOUSEHOLD HAZARDOUS WASTE**

We cannot post collection dates at this time.

Due to Covid the recycling company is very short of staff. When we receive dates they will be posted on Facebook –

Isabella Conservation District or our website at [www.isabellaconservationdistrict.org](http://www.isabellaconservationdistrict.org).

\*WE WILL TAKE UP TO 20 TIRES PER VEHICLE. YOU CAN RECYCLE TIRES UP TO 42" IN DIAMETER AND SMALLER. THEY CANNOT BE MORE THAN 12" WIDE. THEY CAN HAVE RIMS ATTACHED. WE WILL NOT TAKE TIRES THAT ARE THICKER THAN 12 PLY OR AGRICULTURAL TIRES. THERE WILL BE A \$1.50 FEE IF YOU RECYCLE MORE THAN 25 TIRES.



## **ISABELLA CONSERVATION DISTRICT**

5979 EAST BROADWAY ROAD  
MT. PLEASANT, MI 48858

**989-772-5927 EXT. 3**

EMAIL: [CRYSTAL.BEUTLER@MI.NACDNET.NET](mailto:CRYSTAL.BEUTLER@MI.NACDNET.NET)  
FACEBOOK: ISABELLA CONSERVATION DISTRICT

## **DISTRICT DIRECTORS**

TERRY TURNWALD, CHAIRMAN  
FRANK ENGLER, VICE CHAIRMAN  
FLOYD GRAHAM, SECRETARY/TREASURER  
WARD FORQUER, DIRECTOR  
MIKE PASCH, DIRECTOR

## **DISTRICT STAFF**

CRYSTAL BEUTLER, DISTRICT ADMINISTRATOR  
KEN WAWERSIK, MAEAP TECHNICIAN  
STEVE EVERSOLE, PROGRAM TECHNICIAN



## **USDA - NATURAL RESOURCES CONSERVATION SERVICE**

KAROLYN KARL, DISTRICT CONSERVATIONIST

AARON PARSONS  
CONSERVATION RESERVE PROGRAM TECHNICIAN

ALL PROGRAMS AND SERVICES ARE OFFERED ON A NON-DISCRIMINATORY BASIS, WITHOUT REGARD TO RACE, COLOR, NATIONAL ORIGIN, RELIGION, SEX, AGE, AND MARITAL STATUS OR HANDICAP

# Chippewa River Watershed Alliance

The Chippewa River Watershed Alliance (CRWA) is an informal group of local agencies, organizations, and private businesses. This group has been meeting for the past 15 years and all share interests in improving the water quality and health of the Chippewa River Watershed. The group is made up of the following groups and agencies:

- Isabella Conservation District – (ICD)
- Saginaw Chippewa Indian Tribe – ( SCIT)
- Central Michigan District Health Department – (CMDHD)
- Central Michigan University – (CMU)
- City of Mt. Pleasant
- Isabella County

- Chippewa Watershed Conservancy – (CWC)
- The Little Forks Conservancy – (LFC)
- Chippewa Nature Center – (CNC)
- Mt. Pleasant Convention and Visitors Bureau
- MSU-Extension
- Buckley’s Canoe Livery
- Village of Lake Isabella
- US Environmental Protection Agency – (US EPA)
- Natural Resources Conservation Service
- Michigan Department of Agriculture and Rural Development – (MDARD)
- The Department of Environment, and Great Lakes – (EGLE)

- The United States Geological Survey – (USGS)

In the past the CRWA has worked as individual agencies to accomplish many successful projects to improve the water quality in the Chippewa River Watershed. Recently the ICD received a grant from EGLE to formalize the CRWA to establish an effective multi-agency alliance to improve restoration implementation and public outreach efforts in the watershed. These grant dollars will be used to formalize a mission and direction for CRWA, develop and distribute direct informational mailings and outreach materials, develop an informational website for the CRWA, and expand our community outreach to en-

vironmental justice communities focusing on the relationship with the SCIT and rural communities.

One of the main goals of the CRWA is developing an approved Watershed Management Plan (WMP). By formalizing the CRWA and meeting our proposed objectives will help further this goal. An approved WMP will allow the CRWA to apply for implementation funding from many sources to address the resource concerns and continue to improve and protect the water quality in the watershed for generations to come.

**For more information about the CRWA you can contact the Isabella Conservation District or one of the above agencies.**

## CONSERVATION RESOURCE NEEDS ASSESSMENT

The Isabella Conservation District would like your help. We would like to know what you feel are the top 5 resource concerns in Isabella County.

This information will help us determine if our current programs are addressing the concerns in Isabella County. We will use this information to evaluate our current programs and determine what additional programs or resources we need to better address the resource concerns in Isabella County.

Please list your top 5 natural resource concerns, in priority order.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Organization: \_\_\_\_\_

**The above information is optional.**

**You can email your response to [crystal.beutler@mi.nacdnet.net](mailto:crystal.beutler@mi.nacdnet.net)**

**or mail to**

**Isabella Conservation District –  
5979 East Broadway Road,  
Mt. Pleasant, MI 48858.**



# Welcome to Aaron Parsons Our Newest NRCS Resource

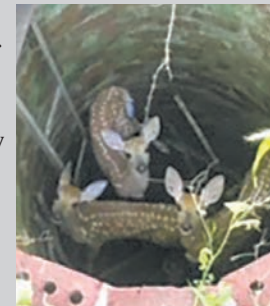
Please welcome Aaron Parsons our new Conservation Reserve Program Specialist. Aaron comes to us from Midland, Michigan. He graduated from Central Michigan University in 2019 with a Biology degree specializing in natural resources, with minors in outdoor education and recreation. He served 8 years in the Michigan National Guard. Previously worked for MDNR and US fish and wildlife in seasonal technician positions. He enjoys hunting, fishing, and trapping here in Michigan and is currently working with Isabella County NRCS on the Conservation Reserve Programs.



## ABANDONED WELL PROGRAM



Abandoned wells are a serious environmental threat to our surface water and groundwater. Over time the casings of these wells rust away and allow pesticides, herbicides, and any type of contaminates to flow directly into our groundwater.



Crock wells can be very large, some up to 5' in diameter or larger. These wells are not only a serious threat to ground water, but they fill with a watery sludge, and in many cases are very deep. These wells are a serious threat to humans and animals. There are many cases of humans and animals being trapped in these wells.

If you have an abandoned well on your property, the Isabella Conservation District can help with the cost of properly closing your well. We will cost share up to \$225.00 for wells up to 2" in diameter and \$375.00 for wells up to 5" in diameter. We work with all licensed well drillers in Isabella County. If you would like cost-share assistance closing your abandoned well, contact a well driller and they will help you through the process.

This program is limited to Isabella County residents only and is paid for by 2% funds awarded to the conservation district from the Saginaw Chippewa Indian Tribe.

**For more information contact the district office at 989-772-5927 ext. 3**

## AUTO, TRUCK AND FARM TIRES

- WHEEL ALIGNMENTS
- BRAKE SERVICE
- FAST COURTEOUS TIRE REPAIR
- FRIENDLY CUSTOMER SERVICE

**BOB'S TIRE STORE**

525 W. 5TH St., Clare  
**989-386-2604**

## BRAD MALLEY WELL DRILLING



**24 HOURS - CALL EMERGENCY SERVICE** *Call Today!*

\*No Automated Phone, Real Person, Real Time

- ▶ **COMMERCIAL & RESIDENTIAL**
- ▶ **SPECIALIZING IN 5" PVC WATER WELLS**
- ▶ **3 - LICENSED DRILLERS** (100 years combined experience)
- ▶ **5 - YEAR MANUFACTURER WARRANTY**
- ▶ **INSTALLATION OF PUMP, TANKS & WELL CHLORINATION**
- ▶ **WATER FILTERS & CONDITIONING AVAILABLE**
- ▶ **COMPLETE SERVICE 2" - 12" WATER WELLS**

1565 S Park Place St., Mt. Pleasant, MI 48858  
(989) 772-2765 | [www.bradmalleywelldrilling.com](http://www.bradmalleywelldrilling.com)







The MAEAP Farmstead category looks at activities performed on the entire farm with a focus on protecting surface and groundwater. Michigan farms of all sizes and types can apply under this category.

To earn recognition, invite a MAEAP technician to visit your farm. He or she will help you assess your farm, develop a plan of action, and fill out paperwork. He or she will also provide you with information on financial and technical assistance that you may find helpful. You are free to implement your plan's recommended steps on your own time.

Once the work is complete, contact the Michigan Department of Agriculture and Rural Development (MDARD). A verifier from MDARD will visit your farm to ensure the recommended practices are in place and address erosion and runoff risks on your land.

Once your farm is "verified," you will receive a sign to display on your farm. You can buy a second sign if needed. You will also receive preference for cost-share, tax credits, and other financial assistance.

## Get Verified

The Michigan Agriculture Environmental Assurance Program is an innovative, proactive program that helps farms of all sizes and all commodities voluntarily prevent or minimize agricultural pollution risks.

# 5842

The number of verifications.

Is your farm verified?

Your MAEAP recognition is good for five years. To maintain recognition, you must review your plan with a MAEAP technician and request a farm visit from MDARD.

**For more information contact Ken Wawersik at the Isabella Conservation District, 989-772-5927 ext. 3.**

## Holbrook Tack & Boots Western Store

Quality Horse Equipment, Saddles, Western & Work Boots, Western & English Apparel.

Stop by and pick up a Preferred Customer/Business Card. Worth 10 percent off your purchases!

Visit us on facebook:

Facebook.com/HolbrookTack

201 N. McEwan,  
Clare, MI  
Mon-Fri 9:30-4:30  
Sat 9:30-1:30



Saddlery

Apparel

989-418-1611 • www.holbrooktackwesternstore.com

## WE ARE NOW BOOKING ALL TYPES OF AUCTIONS

Including; Farm Machinery, Shop Tools, Firearms, Estates, Moving Sales & Real Estate, For Winter & Spring Months Of 2022.

Benefit from our aggressive marketing platforms with Newspapers, Mailing, Websites, Email, etc.

**WE ARE DEDICATED TO PROVIDING OUR CUSTOMERS WITH 100% SATISFACTION.**

## JOHN PECK AUCTIONS LLC

AUCTIONS • APPRAISALS • REAL ESTATE

Auctioneers for 40 Years

989-426-8061 • www.johnpeckauctions.com



**#1 FOR 22 YEARS**

**Thank You**

**Isabella County**

**for voting us #1 Vet**



**Pol Veterinary Services**  
3959 W. Jordan Rd. Weidman, MI 48893  
989-644-5044

**YODER'S**  
**QUILT AUCTION AND FLEA MARKET**

Location: 3 miles east of Clare on U.S. 10, then 1/3 mile south on North Leaton Road.

**May 20 & 21 - September 2 & 3**

**Friday, May 20** starting at 9 a.m. Selling all unpieced QUILTS and WALL HANGERS, All small craft items, rugs and QUILT tops.

**Saturday, May 21** starting at 9 a.m. Selling all pieced QUILTS and WALL HANGERS. "Only" Cloth Crafts.

*Over 500 pieces of hand quilted quilts, wall hangers, table runners, quilt tops, rugs and small cloth craft items. Also over 400 vendor booths with lots of crafts, antiques, collectables, candles, furniture, glassware, jewelry and tools. You name it, you can find it here! Also lots of good food, baked goods and homemade ice cream. Tell your friends and come and enjoy the two days with us!*

For More Information Contact:  
**YODER'S QUILT AUCTION**  
**SIMON YODER**

**NO DOGS ALLOWED IN FLEA MARKET AREA**

# 2022 EQUIPMENT RENTAL

## 10' GREAT PLAINS NO-TILL DRILL

- For planting soybeans, wheat, oats, switchgrass, alfalfa, and other small seeds.
- This drill will not plant fluffy native grasses
- 60 hp tractor needed with hydraulics. Older John Deere tractors need hydraulic adapter fittings.

Rate: \$150 for the first 10 acres  
\$12 per acre for all acres after the first 10

## 6' AND 8' TRUAX NO-TILL DRILL

- These drills plant soybeans, wheat, oats, alfalfa, and other small seeds. This drill can plant native grass mixtures (fluffy seed box).
- Works best on untilled sites.
- At least a 35 hp tractor will be needed with hydraulics. Older John Deere tractors need hydraulic adapter fittings.

Rate: \$150 for the first 10 acres  
\$10 per acre for all acres after the first 10

## 2 - 15' JOHN DEERE NO-TILL DRILLS

- These drills plant soybeans and small grains
- Works on tilled and untilled sites
- No smaller than a 110 hp tractor

Rate: \$180 for the first 10 acres  
\$16 per acre for all acres after the first 10

## TREE PLANTER

- At least a 90 hp tractor is required with a minimum of 34" rims to lift planter off from trailer.

Rate: \$250 per day

Important Points to Remember with Warm Season Grass Plantings

## SITE PREPARATION

Weeds need to be controlled prior to planting. The best way to accomplish this is by using glyphosate chemical weed control. It is better not to till the soil prior to planting. Tillage however is necessary if the ground is un-level.

## FERTILIZATION

It is always a good idea to get a soil sample to see how much fertilizer is needed for your planting. The Michigan State University-Extension Office has information regarding the proper way to take a soil sample and where to send it. They are located in the Isabella County Building. Fertilization should be completed before planting.

## PLANTING

Plant native grass and other small seeds as soon as possible to take advantage of spring rains. This will insure a nice even dense stand.

## MOWING

Mowing is strongly recommended to control weeds during the first year of establishment.



Renting equipment or need more information contact the Isabella Conservation District at 989-772-5927 ext. 3.



# Tree and Shrub Descriptions

## SHRUBS

### SILKY DOGWOOD

Prefers moist soils, white flowers, blue fruit, great for erosion control, loved by birds and small mammals, and grows to a height of 8 to 12'. Native to Michigan

### RED OSIER DOGWOOD

Prefers moist soils, excellent choice for stream-banks, erosion control, white flowers, white fruit, red branches in the winter, and grows to a height of 6 to 10'. Native to Michigan

### COMMON LILAC



Prefers full sun, loamy soils, large fragrant blossoms in May, Moderate growing, great for hedges or screens, and grows to a height over 15'. Native to Michigan.

### ROSE RUGOSA

Grows in medium-fertility, acid, loamy and sandy soils, excellent drought tolerance, 3-5' tall, white, pink, or purple flowers blossom most of the summer.

### ROSE OF SHARON

Full or partial shade, moist well-drained soil, great for hedges, or screens, and grows to a height of 6-10'. Native to Michigan

### FOUNTAIN GRASS

Best in full sun, loamy soil, grows to a height of approximately 5-6' with showy purple plumes.

### NINEBARK

Full sun to partial shade, blooms May-June, great for borders, hedges, and screens, grows to a height of 4-8'. Native to Michigan.

### BUTTERFLY BUSH

Does best in full sun, long purple blossoms that vary from 6 to 30" in length, great for perennial borders, a great shrub to attract butterflies and for cut flowers and has moderate water requirements.

### TRUMPET VINE



Prefers full sun, loamy rich soils, climbing vine, cone shaped orange flowers, and loved by hummingbirds.

### ELDERBERRY, BLACK

Prefers rich moist soils, grows 4-12', used for erosion control on moist sites, prefers full sun, shade tolerant, but slow-growing in shade, flowers June-July, fruit is purplish black with red juice. Loved by songbirds, upland game birds, and small mammals. Great for making pies, jellies, and wine.

### HIGHBUSHBUSH CRANBERRY

Grows best in medium-fertile, acid, clayey, loamy, and sandy soils, poor drought tolerance, fair shade tolerant, tolerates poorly drained soils, grows to a height of 6-7', fruit remains late into the winter. Plant about 4' apart.

### GRAY DOGWOOD

Tolerant to most fertile soil conditions from wet to dry, moderately shade tolerant, white flowers May-June, and white fruit July-September

### FORSYTHIA

Full sun or partial shade, tolerant of most soil types, vigorous grower, one of the first shrubs to bloom in the spring, does best in rich soils, showy yellow flowers that bloom before the leaves appear in early spring.

### BLUE HYDRANDEA

A perennial plant that can grow up to 15' high and 10' wide. Flowers in the spring, low maintenance and easy to grow. They require fertile, well drained moist soil. They can thrive in partial or full sun.

### FRAGRANT SUMAC

Grows to a height of 6. Will tolerate a wide variety of soils, drought tolerant, does well in full sun or partial shade. Flowers in early spring with yellow blooms. Attracts many varieties of birds and butterflies.

### WINTERBERRY HOLLY

Grows to a height and spread of 3-12'. Grows in wet areas, swamps, ponds, or wet woods. Prefers rich, acidic soils. Can tolerate partial shade, will produce more fruit if planted in full sun. The fruit is used by many varieties of birds and ducks.

### HAWTHORN

Grows to a height of 20-30' with a 25' spread at maturity. Prefers full sun, will not tolerate full shade. Grows best in well drained soils. Produces red berries in Sept. to Oct. The fruit is eaten by many songbirds and wild game birds.

### PUSSY WILLOW

Fast growing requires full sun, moist well-drained soil, and fast growing.

### WISTERIA

An ornamental vine that tolerates a variety of soils, prefers most fertile well drained soil and full sun. Very hardy and fast growing.

### BEACH GRASS

Grows to a height of 3'. Does best in sand and light well drained coarse soils. Tolerates intense sun and strong winds.

### WILD GRAPE VINE

A vine that grows to 60' to 100'. Fast grower does well in shady areas. For maximum fruit production plant in full sun. A wide variety of birds and wildlife eat the grapes

## DECIDUOUS

### RED MAPLE

Prefers moderately well drained moist soils. Moderate to fast growing, shade tolerant, growing to a height of 75 -90' with a trunk 2-3' in diameter, primary food source for gray squirrels in late winter, it is fair to poor for firewood, pulpwood, and rough lumber.

### SUGAR MAPLE

Prefers moist, fertile, well drained, clay to loam soils, long lived reaches a height of 75-100', 3-4' in diameter, shade tolerant, great for maple syrup, lumber, veneers, flooring, cabinets, and interior trim.

### WHITE OAK

Prefers well-drained clay to loamy sand, full-sun, slow growing, long lived, reaching heights of 100', up to 3' in diameter, it's sweet acorns are preferred by wildlife, valuable for timber production, wood is heavy and strong, used for furniture, veneer, and barrels.

### RED OAK



Prefers clay to loamy sand, well drained soils, long lived, reaching a height of 80', 3' in diameter, fastest growing of native hardwoods, and does best in full sun.

### TULIPTREE

Prefers full-sun, fast growing, needs room to develop properly, bright green leaves, large, tulip-shaped greenish yellow flowers in late spring, and does poorly in drought and alkaline soils.

### MOUNTAIN ASH

Prefers full sun, rich moist, but well-drained soils, fragrant flowers, clusters of bright berries in the fall, and they make excellent accent or shade tree.

### Weeping WILLOW

Prefers full sun, moist soils, fast growing, and great for riverbanks.

### SYCAMORE

Does best in full sun to light shade, well-drained soil, usually found growing along lowland streams and rivers. Reaches a height of 100'.

### WHITE BIRCH

Grows well in moist well-drained areas, prefers to be planted in clumps, and grows to height of 40-60'.

### BLACK WALNUT

Grows in a wide variety of soils and prefers full sun. The roots contain juglone. A toxic substance that is harmful to juglone sensitive species. The walnuts are eaten by woodpeckers, foxes, and squirrels.

### AMERICAN CHESTNUT

Grows to height of 100', likes moderately acid, sandy-loam soil and prefers a sunny, well-drained location.

### RIVER BIRCH

Found naturally growing along riverbanks and flood plains, and requires acidic soil, and roots must stay moist to thrive.

### REDBUD

Grows to a height of 25-35'. Does best in full sun to light shade, and moist well-drained soil. The seeds provide food to song and game birds, deer, and squirrels. The flowers are important in the production of honey to bees.

### DAWN REDWOOD

Grows to a height of 25-35'. Likes full sun to light shade, and moist well drained soil. The seeds provide winter food for a variety of song and game birds, deer, and squirrels.

### LARCH/TAMARACK

These trees are conifers; they are deciduous, losing their needles in the fall, growing to height of 60', tolerates a wide range of soils, and grows best in wet to moist soils.

## EVERGREENS

### RED PINE

Prefers full sun, well drained sandy soil, can tolerate dry, windy, rocky conditions, cannot tolerate shade, poorly drained soil or heavy clay loam soils, moderate to fast, growing to a height of 80'.

### WHITE PINE

Prefers well drained, acid, silts, loams, sands, and light clays, moderate shade and drought tolerant, does not tolerant flooding, reaching a height of 100', used as windbreaks, landscaping, revegetation of disturbed areas, and long lived.

### DOUGLAS FIR

Grows fastest in moist, well-drained, light soil, full sun, does not like heavy, wet, clay soil, and reaching a height of 200'

### BLUE SPRUCE



Prefers full sun, shade tolerant, slow growing, grows well on almost any upland soil, drought resistant, long lived, and grows to height of 100'.

### WHITE SPRUCE

Prefers well-drained clay to clay loam soils, tolerates heat, drought, shade, high water, slow grower, and growing to height of 100'.

### NORWAY SPRUCE

Prefers moist clay to loam soils, shade tolerant, moderate to fast growing, does not thrive on dry, excessively drained, sandy-gravelly soils, intolerant of lime, sensitive to late frosts, and grows to a height of 100'.

### NORTHERN WHITE CEDAR

Typically grows in cold, poorly drained swamps with moving water, will not tolerate acidic soils as well, very shade tolerant, very slow growing, important winter food for deer, and growing to a height of 60' and 25' wide.

### BALSAM FIR

Grows up to 45-75'. Likes well drained, acidic soils. Prefers full sun and partial shade. Provides food for squirrels, birds, and shelter for a variety of animals.

### FRASER FIR

Grows up to 40-60'. Prefers moist well drained soils and likes full sun. Produces buds later than Balsam and more tolerant of early spring frosts. Red squirrels like the seeds and buds.

### BLACK SPRUCE

Frequently found in cold, poorly drained areas, swamps and bogs, small and slow growing tree reaching a height of 50'.

### HYBRID POPLAR

Very fast growing, up to 6-8' a year, reaching a height of 80', prefers medium-fertility, acid soils, moderately drought resistant, not shade tolerant, does well on somewhat poorly drained lowlands and tolerates occasional flooding.



tell your friends and family

[www.facebook.com/Isabella-Conservation-District](http://www.facebook.com/Isabella-Conservation-District)



# SPRING 2022

## ISABELLA CONSERVATION DISTRICT

### FRUIT TREE ORDER BLANK

**Ordering Deadline**  
**April 1, 2022**

5979 E. Broadway, Mt. Pleasant, MI 48858 • Ph # (989) 772-5927 ext. 3

VARIETY	FRUIT MATURITY	EACH	2 or more Cost per tree	QUANTITY	TOTAL
<b>APPLES</b>					
Crimson Crisp – EMLA 7	September 10th – 25th	\$22.00	\$20.00		
Honeycrisp – BUD 9/EMLA 111	September 10th – 25th	\$22.00	\$20.00		
Gala – EMLA 7	September 5th – 20th	\$22.00	\$20.00		
Fuji -Axtec – EMLA 111	November 5th	\$22.00	\$20.00		
Golden Delicious – EMLA 111	Sept. 20th – Oct. 10th	\$22.00	\$20.00		
Granny Smith – EMLA 111	November 5th	\$22.00	\$20.00		
Enterprise - EMLA 7	October 15th	\$22.00	\$20.00		
Liberty – EMLA 111	Sept. 15th – Oct. 5th	\$22.00	\$20.00		
Royal Court – EMLA 7	Sept. 10th – 25th	\$22.00	\$20.00		
<b>PEACHES – Self-pollinating</b>					
Red Haven	August 5th	\$21.00	\$19.00		
F Fury	August 20th	\$21.00	\$19.00		
Contender	August 15th	\$21.00	\$19.00		
Reliance	July 25th – August 15th	\$21.00	\$19.00		
<b>PEARS</b>					
Bartlett	August 10th – 25th	\$21.00	\$19.00		
Harrow Sweet	September 5th – 20th	\$21.00	\$19.00		
<b>CHERRY</b>					
Montmorency	Late July-Early August	\$22.00	\$20.00		
Planting Gel—Root dip – 1 oz to 1 gallon of water		\$ 3.00 oz.			
<b>SUB TOTAL</b>					
<b>Add 6% Sales Tax</b>					
<b>TOTAL</b>					

## FRUIT TREE DESCRIPTIONS

Apple trees are grown on a variety of rootstocks. The use of clonal rootstocks for apples began in the mid-1900's. The apple trees we have this year are grown on the following root stocks. The rootstock that each apple tree is grown on is listed on the 2022 Fruit Tree Order Blank

**Bud 9/EMLA 111**  
The interstem Bud9/EMLA 111 produces intermediate trees that grow to height of 12-14'. Advantages include a well-anchored, collar, rot-resistant and a greater tolerance to fire blight.

**EMLA 7**  
The most widely planted freestanding semi-dwarf rootstock growing to a height of 15'. The trees size fruit well in a dry season. Trees are relatively well anchored, but support is recommended on weak sites.

**EMLA 111**  
A vigorous semi-dwarf, EMLA 111 grows to a height of approximately 15' – 16'. Trees are well anchored, resistant to collar rot and woolly aphids. A good selection for heavy, poorly drained soils.

**APPLES**  
**Crimson Crisp – EMLA 7**  
A medium sized fruit, very attractive crimson red color. Fruit is firm, crisp texture with a tart, complex flavor. Matures - Mid to late September

**Honeycrisp – Bud 9/EMLA 111**  
This tree is a reliable annual bearer and retains crispness in Zone 5. This 3" fruit is mildly sweet, delicate flavor, juicy, and slightly aromatic. Matures - September 10th – 25th

**Golden Delicious – EMLA 111**  
This variety is cold-hardy, heat-tolerant, and very productive. This apple is excellent fresh, sauced, and juiced. One of the most universal pollinators for other varieties. It is self-pollinating, requires full-sun, loamy well drained soil. Matures - September 20th to October 10th

**Fuji – Aztec – EMLA 111**  
This variety is healthy and vigorous, and the fruit is sweet. A good selection for heavy, poorly drained soils. Matures - November 5th – 11/15th

**Gala (Simmons CLTV)– EMLA 7**  
Tree is upright and vigorous; fruit size and flavor are comparable to traditional gala. Matures - September 5th – 20th

**Enterprise – EMLA 7**  
These trees are relatively well anchored, but support is recommended on weak sites. The fruit deep red, medium to larger in size, and has good storing qualities. Matures - October 15th

**Royal Court – EMLA 7**  
These trees are relatively well anchored, but support is recommended on weak sites. This variety is considered the superior Cortland strain. Matures - September 10th – 25th

**Granny Smith – EMLA 111**  
High quality eating apple with a storage life equal to Fuji. A good selection for heavy, poorly drained soils. Matures - November 10th – 20th

**Liberty – EMLA 111**  
A good selection for heavy poorly drained soils. Medium sized yellow fleshed dessert apple. Fruit is apple scab, cedar apple rust, fire blight and mildew resistant. Matures – September 15th – October 5th

**PEARS**  
**Bartlett**  
A large heavy bearing variety, great for canning, and requires cross pollination. Matures - August 10th – 25th

**Harrow Sweet**  
A late season variety and resistant to fire blight. The fruit is very similar to Bartlett. Trees should be thinned to maintain fruit size. Matures – September 5th – 20th

**PEACHES**  
**Red Haven**  
The tree is vigorous, very bud hardy, and productive. The fruit is medium sized and color to a brilliant red. Matures – August 5th

**FFury PF 17**  
The tree is vigorous, productive, and resistant to bacterial spot. The fruit is large, yellow-fleshed, and freestone. Matures – August 25th

**Contender**  
A freestone variety, firm fruit with excellent color. Very winter hardy, juicy, and bacterial spot resistant. Matures – August 25th

**Reliance**  
Very cold hardiness. This variety is ideal for northern climate. The fruit is freestone, great for canning and freezing. Matures – July 25th – August 15th

**Cherries**  
This tart cherry is a cold-hardy hybrid species that ripens early in the season. The fruit is medium-large, bright red and has a firm yellow flesh with a rich tart flavor. It is excellent for baking and jam. Self-fertile, but planting two or more trees will ensure the best crop. Matures – Typically July-August

**CREDIT CARD INFORMATION**

Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Card# \_\_\_\_\_ Exp \_\_\_\_\_  
 Security Code \_\_\_\_\_ Email \_\_\_\_\_

You can also email your completed order blank to:

[crystal.beutler@mi.nacdnet.net](mailto:crystal.beutler@mi.nacdnet.net)

- **Make checks or money orders payable to: Isabella Conservation District or ICD**
- **The District's liability ceases once trees and shrubs are picked up.**
- **You will be notified when and where to pick trees and shrubs up!**
- **Orders are confirmed when paid for. They are filled on first come first serve basis. Some species may be in short supply; Substitutions can be made with customer's approval.**





# SPRING 2022

## ISABELLA CONSERVATION DISTRICT TREE AND SHRUB ORDER BLANK

**Ordering Deadline  
April 1, 2022**

5979 E. Broadway, Mt. Pleasant, MI 48858 • Ph # (989) 772-5927 ext. 3

SEEDLINGS	SIZE	50	100	250	500	1000	QUANTITY	COST
Red Pine	10-12"	\$45.00	\$75.00	\$175.00	\$275.00	\$400.00		
White Pine	9-14"	\$45.00	\$65.00	\$165.00	\$240.00	\$355.00		
Blue Spruce	10-15"	\$65.00	\$90.00	\$185.00	\$325.00	\$525.00		
White Spruce	12-18"	\$45.00	\$75.00	\$175.00	\$275.00	\$400.00		
Norway Spruce	10-15"	\$45.00	\$65.00	\$165.00	\$240.00	\$355.00		

TRANSPLANTS	SIZE	EACH	5	10	25	50	QUANTITY	COST
White Pine	18-24"	\$4.00	\$18.00	\$35.00	\$80.00	\$140.00		
Red Pine	18-24"	\$4.00	\$18.00	\$35.00	\$80.00	\$140.00		
Blue Spruce	16-20"	\$3.75	\$17.50	\$32.50	\$75.00	\$137.50		
White Spruce	2'+	\$4.00	\$18.75	\$35.00	\$80.00	\$140.00		
Norway Spruce	2'+	\$4.00	\$18.75	\$35.00	\$80.00	\$140.00		
White Cedar	18-24"	\$4.50	\$21.25	\$40.00	\$95.00			
Larch	15-24"	\$4.50	\$21.25	\$40.00	\$95.00	\$140.00		
Balsam Fir	18-24"	\$7.50	\$36.25	\$65.00	\$156.25			
Balsam Fir	18-24"	\$6.00	\$28.75	\$55.00	\$131.25			
Hybrid Poplar	3-4'	\$4.00	\$18.00	\$35.00	\$80.00	\$140.00		
<b>Bird &amp; Butterfly Packet</b> - Includes 1 each of the following: Butterfly bush, Lilac, Trumpet Vine, Rose of Sharon, and Rose Rugosa					\$10.00 each			

HARDWOODS	SIZE	EACH	5	10	25	50	QUANTITY	COST
Red Maple	2-3'	\$4.75	\$22.50	\$42.50	\$100.00	\$187.50		
Sugar Maple	2-3'	\$5.00	\$23.75	\$45.00	\$106.25	\$200.00		
White Oak	1-2'	\$3.75	\$17.50	\$32.50	\$75.00	\$137.50		
Red Oak	3-4'	\$4.75	\$22.50	\$42.50	\$100.00	\$187.50		
Tulip Tree	2-3'	\$4.50	\$21.25	\$40.00	\$103.75	\$185.00		
Mountain Ash	2'	\$3.75	\$17.50	\$32.50	\$75.00	\$137.50		
Sycamore	2-3'	\$5.50	\$26.25	\$50.00	\$143.00			
White/Paper Birch	3-4'	\$9.00	\$43.75	\$85.00	\$143.00			
American Chestnut	2-3'	\$4.50	\$21.25	\$35.00	\$81.25			
Black Walnut	2-3'	\$5.50	\$26.25	\$50.00	\$81.25	\$225.00		
Redbud	2-3'	\$5.00	\$23.75	\$45.00	\$118.75			
Dawn Redwood	2-3'	\$9.50	\$46.25	\$90.00	\$118.75			
Black Willow	2-3'	\$7.50	\$36.25	\$65.00	\$118.75			
Hazelnut	2-3'	\$7.75	\$37.50	\$72.50	\$175.00			
American Plum	18"	\$3.50	\$17.50	\$30.00				
Serviceberry	18"	\$3.50	\$17.50	\$30.00				

SHRUBS	SIZE	EACH	5	10	25	QUANTITY	COST
Silky Dogwood	1-2'	\$3.00	\$13.75	\$25.00	\$53.75		
Silky Dogwood	3'	\$4.25	\$20.00	\$37.50	\$86.25		
Red Osier Dogwood	2-3'	\$3.75	\$17.50	\$35.00	\$70.00		
Common Lilac	3-4'	\$4.25	\$20.00	\$37.50	\$86.25		
Rose Rugosa	2-3'	\$4.25	\$20.00	\$37.50	\$86.25		
Rose of Sharon	3-4'	\$4.25	\$20.00	\$37.50	\$86.25		
Fountain Grass Plugs		\$2.75	\$12.25	\$22.50	\$50.00		
Ninebark	3-4'	\$4.25	\$20.00	\$37.50	\$86.25		
Butterfly Bush –root stock		\$2.75	\$12.50	\$22.50	\$50.00		
Trumpet Vine –root stock		\$2.75	\$12.50	\$22.50	\$50.00		
Elderberry, black	2-3'	\$5.50	\$26.25	\$50.00			
Highbush Cranberry	3'	\$4.25	\$20.00	\$37.50			
Gray Dogwood	2-3'	\$3.50	\$16.25	\$30.00	\$65.00		
Forsythia	3-4'	\$4.25	\$20.00	\$37.50	\$96.25		
Blue Hydrangea	1-2'	\$3.50	\$16.25	\$30.00			
Pee Gee Hydrangea	2-3'	\$5.00	\$23.75	\$45.00			
Holly, Winterberry	2-3'	\$4.50	\$21.25	\$40.00	\$93.75		
Pussy Willow	1-2'	\$3.00	\$13.75	\$25.00	\$56.25		
Wisteria Vine	1-2'	\$4.00	\$18.75	\$35.00			
American Wildflower Mix – 1 oz. Covers 250 sq. ft.					\$5.00 oz.		
<b>POLLINATOR PACKETS – 1 for \$4.00 or 4 for \$13.00</b>							
Common Milkweed – Approximately 100 seeds per packet							
Swamp Milkweed – Approximately 100 seeds per packet							
Prairie Milkweed – Approximately 50 seeds per packet							
Butterfly Weed – Approximately 100 seeds per packet							
<b>Planting Gel</b> – Mix 1 oz. with 1 gal of water. - Dips app. 50					\$3.00 oz.		
<b>Marking Flags</b>					.20 ea.		
<b>PLANTSKYDD – DEER AND RABBIT REPELLENT</b>							
Plantskydd – 1 lb. granular treats app. 600 sq. ft.					\$12.95		
Plantskydd – 1 lb. powder treats app. 300 plants					\$29.95		
Plantskydd – 2.2 lb. powder treats app. 600 plants					\$49.95		
Plantskydd – 1 qt. pre-mixed treats app. 100 plants, 1 ft. high					\$21.95		
Plantskydd - 3 lb. granular shaker bag treats up to 1800 sq. ft.					\$26.95		
<b>TOTAL</b>							
<b>ADD 6% SALES TAX</b>							
<b>TOTAL</b>							

**CREDIT CARD INFORMATION**

Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Card# \_\_\_\_\_ Exp \_\_\_\_\_  
 Security Code \_\_\_\_\_ Email \_\_\_\_\_

You can also email your completed order blank to:  
[crystal.beutler@mi.nacdn.net](mailto:crystal.beutler@mi.nacdn.net).

- **Make checks or money orders payable to: Isabella Conservation District or ICD**
- **The District's liability ceases once trees and shrubs are picked up.**
- **You will be notified when and where to pick trees and shrubs up!**
- **Orders are confirmed when paid for. They are filled on first come first serve basis. Some species may be in short supply; Substitutions can be made with customer's approval.**



# Tree Planting Tips - Before Planting

Site preparation may be needed to reduce weed competition or stabilize an area. This may include furrowing or spraying depending on the area. Weed competition is the number one factor leading to the death of a seedling. Also different trees have different site requirements; match the tree to the site. Determine the number of trees for the site before you order. If you plan to use an herbicide for weed control, please contact your local MSU Extension Office for spray recommendations.



## WHEN YOU PLANT

Trees and shrubs may be planted with a tree planter or by hand using a planting bar, shovel, or other planting tools. They should be planted in a vertical position with the root collars about one inch below the surface. Make sure the trench or hole is deep and wide enough to allow the roots to spread in a natural, uncurled position. The conservation district has a tree planter available to rent.



## After You Plant

Check survival the first and second year and replant where necessary. Try to control weed competition

and grasses either by tillage and/or herbicides. Prune hardwoods to produce straight stem and begin shearing Christmas trees after the third year. Watch for attacks by insects and diseases in the spring and consult a forester if damage is evident.

### TIPS ON SEEDLING CARE

- Avoid planting when the ground is hard, frozen, dry, or when excessively wet.
- Allow frozen seedlings to thaw naturally in bundles before attempting to separate.
- Seedlings should be carried in containers or bags to protect the roots from exposure to sun and air.
- Plant seedlings immediately once removed the container or bag.
- When machine planting check furrow depth or hand planting check the hole depth to provide space for roots.
- To check firmness of the soil packing, grasp the tips of the seedling and pull upward, if the tree pulls out of the ground, it was not firmly packed.
- Do not place seedlings in a bucket of water. This will remove soil or planting jell particles which will speed up drying out of the roots. Some trees or shrubs cannot tolerate being submerged for long periods of time directly in water.

- If trees cannot be planted immediately after picking them up, if possible, place in cold storage. Dormant seedlings can be kept at 32-40 degrees with high humidity for up to 10 weeks.
- Make sure bags do not have holes to prevent the roots from drying out.
- Water uncovered bare-root seedlings when you get them and every other day thereafter. Do not water roots that have a moisture retentive material. This will remove the protective coating.
- Store in areas protected from the sun, wind, and freezing temperatures.
- Stack bundles loosely (not more than three deep) and use spacers between bundles to permit adequate

ventilation.

- Seedlings kept without cold storage should be planted within three weeks.
- If unable to plant all seedlings, dig a hole on a slant, plant seedlings and cover with soil. If they are there for a long period of time, it may be best to wait until fall when everything is dormant to plant them.

### TEN WAYS TO USE TREES

1. Cut soil erosion  
Rows of trees break the wind on flatter lands and healthy forests protect soil from water erosion on hillsides.
2. Improve air & water quality  
A forest floor of leaves and decaying wood acts as a giant sponge by absorbing, filtering, and holding water; one acre of trees provides fresh, clean oxygen for seven people and will clean the air polluted by eight cars operated for 12 hours.
3. Increase income  
Properly managed trees can provide excellent sources of income, such as the sale of trees or wood products.
4. Save energy  
Studies have shown that windbreaks can reduce winter fuel consumption by 10 to 30 percent. Trees also save energy by shading; one tree has the cooling effect of five air conditioners.
5. Protect livestock  
Trees reduce the wind and can significantly reduce animal stress.

Livestock not only need less feed, but their gains are higher. Shade provided by trees is also helpful to animals on very hot summer days.

### 6. Sound barriers

Trees and windbreaks reduce noise from high-speed traffic and other sounds. Plant leaves, branches, and twigs all absorb sounds of different frequencies.

### 7. Home for wildlife

Wooded areas make valuable cover, nesting, and breeding areas for upland game and songbirds. In winter, when all other food is blanketed with snow, seeds and fruits of trees and shrubs provide food for non-migratory species.

### 8. Living snow fence

In snow country, properly planting a living fence of trees and shrubs parallel to your driveway or highway helps hold snow on the fields and off the roads.

### 9. Improve crop yields

Soil particles blown by strong winds frequently damage small crops. Yields also may be lowered by the effects of hot winds. Trees protect against these hazards.

### 10. Beautify the countryside

Well-kept wooded areas, windbreaks and other tree plantings undeniably enhance the aesthetic value of individual farms and the countryside.



tell your friends and family

[www.facebook.com/Isabella-Conservation-District](http://www.facebook.com/Isabella-Conservation-District)

Or visit us at [www.isabellaconservationdistrict.org](http://www.isabellaconservationdistrict.org)



# Farmers.gov Features Help You Manage Your USDA Business Online

Farmers.gov provides a secure, single desktop- and mobile device-accessible authenticated portal for FSA, NRCS and RMA customer-facing features. As we've continued to add more content and capabilities, farmers.gov has quickly become the premier online hub for customers to find resources, submit applications and assistance requests, and make connections.

The farmers.gov portal also enables you to:

- View, upload, download, and e-sign documents.
- Request financial assistance, including submitting a program application.
- View and submit conservation requests.
- View technical references and submit questions.
- Access information on current and past conservation practices and plans.

- Report practice completion and request practice certification.
- View detailed information on all previous and ongoing contracts.
- Have the authority as an FSA and/or NRCS customer to work in the portal and act on behalf of your active power-of-attorney entitlements and your current authorities for business entities.

You'll also receive an email letting you know that an NRCS document needs your signature, which you can quickly and easily sign online in the portal. These conservation features join several others already available through the farmers.gov portal, including the ability to view farm loan information and farm records. Capabilities include:

- View, print and export detailed farm records such as cropland, base acres, yields, CRP acres, land ownership details, and much more.

- View, print and export farm/tract maps that can be provided to lenders, chemical or fertilizer providers, and FSA for reporting acreage and crop insurance agents; and
- Export common land unit (field) boundaries as ESRI shapefiles.

To access your information, you'll need a USDA eAuth account to login to farmers.gov. After obtaining an eAuth account, producers should visit farmers.gov and sign into the site's authenticated portal via the Sign In/Sign Up link at the top right of the website. In addition to the self-service features available by logging into farmers.gov, the website also has ample information on USDA programs, including pandemic assistance, farm loans, disaster assistance, conservation programs

and crop insurance. Recently, USDA updated the navigation and organization of the site as well as added some new webpages, including "Get Involved," "Common Forms," and "Translations." Learn more about these changes.



## Farmers Help America Keep Soil Healthy

Our lives are dependent on healthy soil. Healthy soil gives us clean air and water, bountiful crops and forests, productive grazing lands, diverse wildlife, and beautiful landscapes. It's the reason why USDA's Natural Resources Conservation Service experts are in your community and across the nation.

Soil is composed of air, water, organic matter, and minerals. A community of organisms – functioning as a soil food web – lives all or parts of their lives in soil. More individual organisms are in a teaspoon of soil than there are people on earth. Increasing soil organic matter typically improves soil health, since organic matter improves several critical functions of soil.

To improve the health of their soil,

more and more farmers and ranchers are keeping soil covered, reducing disturbance activities such as tilling, keeping plants growing throughout the year, and diversifying the crops they're planting in a rotation. Taking these steps allow farmers and ranchers to help reduce erosion while increasing the soil's ability to provide nutrients and water to the plant at critical times during the growing season.

When producers focus on improving soil health, they often have larger harvests, lower input costs, optimized nutrient use, and improved crop resilience during drought years like last year. In heavy rainfall years, healthy soil holds more water, reducing runoff that helps avert flooding downstream.

And because healthy soil allows for greater water infiltration and less erosion, nutrients and pesticides stay on the farm where they benefit crops and are far less likely to be carried off the farm into streams and lakes where they can cause harm.

NRCS helps farmers install conservation practices such as cover crops to maintain and improve soil health – all of which can lead to productive, profitable,

and sustainable farming and ranching operations for generations to come. For more information, contact the Isabella County USDA Service Center at 989-546-2317 or visit [nrcs.usda.gov](http://nrcs.usda.gov).





# Hunting Access Program (HAP)



HAP is a voluntary land leasing program. The DNR leases lands from private landowners to provide hunting areas for hunters where public land is limited or not available. Private landowners can

choose if all hunters, or youth and apprentice hunters only, may hunt on their property. They also determine if hunters may harvest deer only, turkey only, small game only, all legal species, or a combination of any of these options. Property owners also specify the maximum number of hunters allowed on their land at any one time. Hunters utilizing HAP properties are guests of the landowners. Respect



of the landowner and landowner's privacy is vital; use registration services types provided. Appropriate conduct is expected and helps ensure a good



experience for both hunters and landowners. All rules and regulations enforced by the DNR apply while

hunting on HAP lands.

Lands enrolled in HAP are available each day on a first-come, first-served basis, and hunters must register at each property headquarters to hunt for the day. To help hunters locate and scout HAP lands, aerial photographs of HAP properties are available on the DNR's interactive hunting map application, (mi.



gov/mihunt), and on the HAP webpage, at [mi.gov/hap](http://mi.gov/hap).

Isabella County currently has 4 separate properties enrolled in HAP owned by 3 different landowners. They have chosen different hunting options. So, if you hunt on these properties please pay close attention to those options. These are the properties enrolled in HAP for Isabella County.

Roger Brookens  
Lincoln Twp., Sec. 18 & 19 – 236 acres.  
Small game & turkey only  
Permits are issued from 9200 S. Green Rd., Shepherd, MI 48883

Raymond Sisco  
Coldwater Twp., Sec. 33 – 65 acres  
Small game & turkey only  
Permit box is located on 7429 N. Rolland Rd., Lake, MI 48632 – Barn located on Battle Rd., parking located at driveway adjacent to barn.

Allen Sisco  
Coldwater Twp., Sec., 34 – 48 acres  
Small game & turkey only  
Permit box is located at 7132 N. Rolland Rd., Lake MI 48632

Coldwater Twp., 27&28 – 64 acres  
Small game & turkey only  
Permit box is located at 7132 N. Rolland Rd., Lake MI 48632

**Additional information regarding funding opportunities will be provided this spring. For more information contact the district office at 989-772-5927 Ext. 3.**



## North Country Metals, LLP

Specializing in New Roofs & Reroofs!



*Metal Roofing & Siding*  
**(989) 386-3013**  
5139 Pere Marquette  
Clare

  
**Everlast Roofing, Inc.**  
[everlastingroofing.com](http://everlastingroofing.com)

## 2022 Clare Feeder Cattle Sales



**ALL SALES ON THURSDAY AND START AT 1:00 P.M.**  
**ALL CATTLE WEIGHED AT SALE TIME**  
**ACCEPTING CATTLE ON WEDNESDAY ALL DAY!!**  
**OVERNIGHT CATTLE WILL BE FED & WATERED!!**

**Every Monday: .....**  
**2:30 p.m. Hay, Straw and Feeder Hogs (outside)**  
**3:00 p.m. Goats, Sheep, Hogs, and Feeder Calves**  
**5:00 p.m. Bulls, Finished Cattle, and Cows**

**March 10, April 17, May 5, Sept. 1, Oct. 6, Nov. 3 & Dec. 1**

**GO TO [WWW.DAVIDCLARKAUCTION.COM](http://WWW.DAVIDCLARKAUCTION.COM) FOR MORE INFORMATION!!**  
**"SALE EVERY MONDAY AT 3:00 P.M."**



# Environmental Recycling Programs

## Household Hazardous Waste

In the fall of 2021, we held our 18th Household Hazardous Waste and our 19th Clean Sweep Collections. To date we have recycled over 330,546 pounds of corrosive liquids, solids, oils, oil-based paints/stains, solvents, cleaners, fluorescent bulbs, batteries of all types, automotive liquids, aerosols, pharmaceuticals, mercury, pesticides, herbicides, insecticides, and fertilizers.

The Isabella Conservation District contracts with a licensed waste recycling company that assists the district with the collections. At waste is stored, sealed in drums, and removed from the site the day of the collection.

We would like to thank the Saginaw Chippewa Indian Tribe for their continued financial support, and to the hundreds of Isabella County residents that continue to recycle this waste and do their part in helping to keep our environment clean.

**We can not confirm recycling collection dates at this time. Because of Covid the HHW recycler is very short of staff. As soon as we can confirm dates we will post them on the district's Facebook page - Isabella Conservation District, website at [www.isabellaconservationdistrict.org](http://www.isabellaconservationdistrict.org), radio, and local papers.**



## Tires

On September 25th the district held their 19th tire recycling collection. These collections made it possible for the residents of Isabella County to properly recycle over 47,000 tires and keep them out of landfills, and our rivers, lakes, streams, and ditches.

This environmental program is also free to the residents of Isabella county and made possible by the support and continued funding provided by the Saginaw Chippewa Indian Tribe.

**Our first collection for 2022 will be held on Saturday, June 25th at the Isabella County Fairgrounds from 8:00 a.m. to 12:00 p.m.**



Farming is a way of life for many here in Michigan. As your community bank, we're dedicated to maintaining the integrity of our local farmers and agriculture operations.

Our agriculture loans can cover machinery, livestock, and more. We'll work with you to find the best terms for your budget. Let Isabella Bank help you grow your business, talk to one of our local lenders today.

**ISABELLA BANK**  
bank local. bank *anywhere*

[isbellabank.com](http://isbellabank.com) 800.651.9111 [isbellabankmi](https://www.facebook.com/isbellabankmi)

Member FDIC Equal Housing Lender



# The Chippewa Watershed Conservancy

The Chippewa Watershed Conservancy is a local 501(c)(3) non-profit organization that was founded in 1985 with the mission of protecting and restoring Central Michigan's land, water, and wildlife resources to improve the quality of life for all. We work to achieve this mission by several means.

First, we own land and make it accessible to the public. Our twenty-four nature preserves are open to the public year round for recreational activities such as hiking, birdwatching, fishing, snowshoeing, and cross-country skiing. Our best known properties include Sylvan Solace Preserve located on W. Pickard Rd in Deerfield Township, Audubon Woods Preserve located on W. Wing Rd in Deerfield Township, Bundy Hill Preserve in Broomfield Township, and Hall's Lake Natural Area located at the intersection of Old State Road and W. Broomfield Road in Broomfield Township. All four of these preserves offer hiking trails with loops that range from three-quarters of a mile to several miles in length. Bundy Hill Preserve also encompasses the highest point in Isabella County and offers a view of up to fifteen miles. In 2021, more than fifteen thousand people visited our preserves.

Second, we help landowners preserve private land by creating permanent conservation easements that reserve select developmental rights. This gives landowners an opportunity to protect properties

that are special to them even if the property changes hands. Because of the limits on development, easement landowners may see some benefit in reduced property taxes. We currently protect nearly 4,700 acres in this manner. Land placed under easement is not publicly accessible. We require that landowners signing an easement make a financial donation to the CWC to cover the costs of annual monitoring of the property and to defend against any possible future legal challenges to the easement.

Finally, we host numerous recreational events and environmental education opportunities. These include social events such as sunrise hikes at Bundy Hill and full moon hikes at Sylvan Solace Preserve. Our programming also includes hikes focused on geology, wildflowers, ferns, mushrooms, birds, animal tracking, and other educational topics. We also have several fun hiking challenges open to the public including a 100-Mile Hiking Challenge and the Bundy Hill Vertical Mile Challenge.

The vast majority of our programming is presented free to the public and access to our preserves is always free. Our funding comes from foundation grants, business sponsorships, and private donations. To learn more about the work of Chippewa Watershed Conservancy, our preserves and public events, and your conservation options visit our website [cwc-mi.org](http://cwc-mi.org), find us on Facebook @ChippewaWatershedConservancy and Instagram @cwc\_mi, or call (989) 772-5777.





## Farmers Help America Keep Soil Healthy

When it comes to sprucing up the farm or yard, native plants are a great option. These plants are indigenous to a particular area and provide advantages when used in the right place. Native plants are typically low maintenance and resistant to pests if planted in a place similar to their natural surroundings.

Many farmers recognize the benefits of native plants and are incorporating them into working lands, a practice commonly called “farmscaping.” Farmers incorporate natives into field borders, hedgerows, and buffer strips – all conservation activities that help agricultural production and the environment. On farms, native trees, shrubs, and plants help:

- Reduce the need for pesticides because native plants attract beneficial insects and birds that eat agricultural pests and help pollinate
- Protect farmsteads, crops and livestock from wind and dust
- Keep soil in place, enabling it to become healthier and not wash into and pollute waterways.
- Provide wildlife habitat
- Increase the beauty of the farm landscape

Our community has a variety of wildflowers, such as:

- Butterfly Weed
- Black-Eyed Susan
- Purple Coneflower
- Blazing Star
- Fleabane
- Blue Vervain
- Boneset
- New England Aster
- Cardinal Flower
- Wild Bergamot
- Milkweed
- Goldenrod
- Sunflower
- Coreopsis
- Blazingstar

For more information, contact the Isabella County USDA Service Center at 989-546-2317 or visit [nrcs.usda.gov](http://nrcs.usda.gov).



## No-till Leads to Healthier Soil, Cleaner Water

In the minds of many, a freshly tilled field is picturesque – cleaned and ordered for the next planting. But we’ve learned from studying soil that heavy tillage isn’t good. When soil is heavily tilled, the stalks and leaves remaining from the previous crop are chopped, disturbing the top several inches of soil. This “fluffing” action allows

for better seed placement according to some, but soil scientists say not tilling leads to healthier, more drought-resistant soil.

USDA’s Natural Resources Conservation Service and other groups recommend producers to not till and leave the stalks and leaves, called residue, in place. By not tilling, soil organic matter is enhanced, increasing water infiltration and reducing erosion. No-till is a conservation practice that leaves the crop residue undisturbed from harvest.

Any tillage causes a flush of organic matter decomposition, resulting

in loss of soil carbon. Tillage also breaks up soil aggregates, which are important for water infiltration, providing oxygen to plant roots, and reducing erosion.

Healthy soils cycle water and nutrients more efficiently. And they function better, enabling them to buffer against extreme drought and flooding. Plus, they re-

duce soil loss into waterways, which can cause problems for water quality.

Good management of field residue can increase efficiency of irrigation and control erosion. No-till can be used for many crops in almost any soil and can save producers labor costs and fuel. It’s a sound investment for the environment and the farm.

For more information, contact the Isabella County USDA Service Center at 989-546-2317 or visit [nrcs.usda.gov](http://nrcs.usda.gov)



## Farmers Harness Benefits from Cover Crops



Cover crops are planted because of their excellent benefits, including improving the health and function of soil. This leads to better nutrient cy-

cling, improved water infiltration and more consistent yields over time. Cover crops also suppress weeds, prevent erosion, control diseases and pests as well as help pollinators.

Farmers not familiar with how mixtures of cover crops work together might ask, “Why would I want to plant a cover crop that uses up all my water?” But using diverse annual cropping rotations and cover crop combinations increases soil organic matter. And for each 1

percent in organic matter, there is a 25 percent increase in water holding capacity and up to 30 pounds an acre more of available nitrogen.

While cover crops use some water in the soil profile to grow, they simultaneously improve the soil structure by building soil aggregates, providing armor for the soil surface, and recharging the water in the soil profile though increased infiltration.

Common cover crops in Michigan include:

- Barley
- Oats
- Millet
- Rye
- Sorghum
- Triticale
- Wheat
- Radish
- Clover
- Cow Peas


**For more information, contact the Isabella County USDA Service Center at 989-546-2317 or visit [nrcs.usda.gov](http://nrcs.usda.gov).**



# Electronic Waste Events

This spring we will hold our fourth Electronic Waste Collection. To date we have collected over 197,000 pounds of TV's of all types, cell phones, desktop/laptop computers, monitors, desktop scanners and printers, keyboards, mice,

tablets, gaming consoles, DVD players, VCR's, and microwaves. With the help of the Michigan Department of Environment, Great Lakes, and Energy (EGLE) staff, they assisted us in securing the funding and coordinating our first Electronic Waste collection. We

received financial support from HP  to hold our first, second and third Electronic Waste Collections. We feel very fortunate they have agreed to fund our Spring 2022 collection. These collections are free to Isabella County and non-county residents.

The Conservation District is working towards securing the funding for property that will enable us to construct an Environmental Education Building.

This would allow us to hold our Tire Recycling and Household Hazardous Waste/Clean Sweep Collections more than twice a year and develop a permanent location to develop an Electronic Waste Recycling Program for Isabella County and non-Isabella County residents

Unfortunately, the funding is not a permanent source but again, this Spring they will be providing the funding for an Electronic Waste Collection on Saturday, May 14th at the Isabella County Fair Grounds from 8:00 a.m. to 12:00 p.m. This collection is free to Isabella County and Non-Isabella County residents. Please do not bring vacuums, coffee makers, toasters,

mixers, lamps, irons, blow dryers, curling irons, etc....

We will accept desktop and laptop computers, tablets, computer monitors, televisions (all types), desktop printers, microwaves, desktop fax machines, computer keyboards/mice, gaming consoles, DVD players, VCR's, desktop scanners, cell phones, and microwaves.



## The Importance of Recycling Electronic Waste

People today are buying more and more electronic products than ever before. Newer, faster technology is being introduced every day, which results in constant upgrades of electronic equipment. This means that the now-obsolete models of computers, mobile phones and gaming systems are discarded on a regular basis. Electronic waste or e-waste is a term used to describe these now-undesirable electronic products.

- Many old electronic devices contain toxic substances that include lead, mercury, cadmium, beryllium, polyvinyl chloride, and chromium. When e-waste is tossed into landfills, these chemicals leach into the soil, polluting the ground and surface water as well as the air.
- Electronics are made of components that contain valuable raw materials. Recycling old devices saves energy. It also

means that fewer raw materials need to be drawn from nature to create new devices.

- Reusing old devices prevents e-waste by keeping it out of landfills. It also saves the resources used to recycle them. Additionally, reusing electronics helps other, less fortunate people in your community. So, take your old devices to be refurbished (if possible) and give them a new life.
- Finally, recycling saves

the raw materials that can be repurposed by producing new devices. As a result, energy is saved, and pollution is reduced. A lot of recyclable materials come from electronics. As an example, for every million cell phones recycled, these are the materials that can be recovered.

- 35,000 pounds of copper
- 772 pounds of silver
- 75 pounds of gold
- 35 pounds of palladium

# Isabella County Time of Transfer Program

The Time of Transfer (TOT) is part of the Sanitary Code of regulation of the Central Michigan District Health Department (CMDHD). It states that properties in Isabella County with onsite wells and/or onsite sewage treatment systems need to be evaluated when the property is sold or transferred to a new owner. The purpose of this regulation is to protect public health and to prevent or minimize the degradation of groundwater and surface water quality by malfunctioning sewage treatment systems and to assure safe water supplies by the evaluation of the sewage treatment systems and private water supply systems at the time of transfer. It is not the intention of this regulation to cause any existing onsite sewage treatment and

disposal system or private water supply system that are currently functioning but do not meet existing construction standards to be brought into compliance with such standards unless a public health nuisance exists. Only those that are failing or do not meet the approval criteria established by the Central Michigan District Health Department will require corrective action. A sewage treatment system and water supply that are certified for transfer have been found, at the time of inspection, to be safely constructed and not an environmental concern. A certified system is not a new installation

For more information go to the Central Michigan District Health Department at <https://www.cmdhd.org>

# GATEWAY MFG.

NEW & USED EQUIPMENT

## Rentals



7 ft. No Till Drill 5507  
\$15/Acre \$150 Minimum



Bobcat Excavator E 35  
\$25/Hour 6 Hour Minimum



**(989) 386-4198**

7836 E. COLONVILLE RD.  
CLARE

ALVIN YODER  
LEROY YODER



## 2022 RAM 1500

**BEST-IN-CLASS MAX TOWING AT 12,750 LB\***

\*When Properly Equipped

CASE IH Product Owners may qualify for special rebates.

see dealer for details



2280 W. Monroe Rd. (M-46) • Alma

**989-681-3900**

SHOP 24-7 [www.almaMIauto.com](http://www.almaMIauto.com)

Sales:  
Monday and Thursday 8:30 am - 7 pm  
Tuesday, Wednesday, Friday 8:30 am - 6 pm • Saturday 9 am - 3 pm  
Service: Monday - Friday 7:30 am - 5:30 pm

# 60,000 ACRES SOLD AT AUCTION

Pavlik Auction & Real Estate is an Auction Company and Real Estate Office based in Alma, MI.

We're privileged to have had the opportunity to achieve the following:

1. An uninterrupted history of conducting real estate auctions for over 40 years with a proven specialty focus on selling *Farmland*.
2. The sale of approximately 60,000 acres of land in Central Michigan and the surrounding regions.
3. Representation of market leaders in banking, trust departments, legal services and countless individuals.
4. A track record of auctions that capture a selling price above Seller's expectations.
5. Complete protection for the Seller—if we don't realize a satisfactory price on the Seller's real estate, they do not have to sell.
6. Turn-key engagement for the Seller. Our real estate office will handle all necessary paperwork from start to close.

**When the time is right for you to consider selling your farm, put our experience to work for you!**

**Give Pavlik a Call;**

**“Let's talk it over about selling your farm AT AUCTION!”**

PAVLIK AUCTION SERVICE

CALL AUCTION COMPANY FOR MORE INFORMATION  
989-463-4903

**JOHN PAVLIK & JOHN C. PAVLIK, SR.**  
AUCTIONEERS/REALTORS

Pavlik Auction & Real Estate, LLC., Alma, MI 48801 • [www.PavlikLLC.com](http://www.PavlikLLC.com)







## GET STARTED

It's easy to join a farmer-led watershed group! Simply attend one of our free events and see for yourself if the Saginaw Watershed Farmer Network is a good fit. Email us, give us a call, or visit our website to learn more about upcoming opportunities near you.

**Email:** [waterqualityfarming@gmail.com](mailto:waterqualityfarming@gmail.com)  
**Phone Number:**  
**Website:** [www.SaginawFarmerNetwork.org](http://www.SaginawFarmerNetwork.org)  
**Facebook:** <https://www.facebook.com/Saginaw-Watershed-Farmer-Network>

This project is supported by the Environmental Protection Agency's grant #00E02802. The Institute of Water Research at Michigan State University is partnering with MSU Department of Biosystems and Agricultural Engineering, MSU Extension, The Nature Conservancy of Michigan, Michigan Department of Agriculture and Rural Development, Michigan Farm Bureau, Michigan Association of Conservation Districts, River Raisin Watershed Council, and conservation districts in Gratiot, Genesee, Saginaw, and Shiawassee counties.

## TESTIMONIALS



"Being a fourth-generation farmer is important to me, and we have definitely learned that a cover crop option is cheap tillage, cheaper soil management and provides benefits to keep the farm operation running for the next generation."

— Nick Weisenberger,  
Weisenberger Farms, LLC



"We've been no-tilling for 5 years. The biggest thing that I like is that wind erosion is much less. My soil just doesn't move. And we're down to just four gallons of diesel fuel per acre."

— Scott Brechtelsbauer,  
Scott Brechtelsbauer Farm



"Our yields have continued to improve over the last few years, especially our high demand crops. We see the health benefits of the soil in our bottom line."

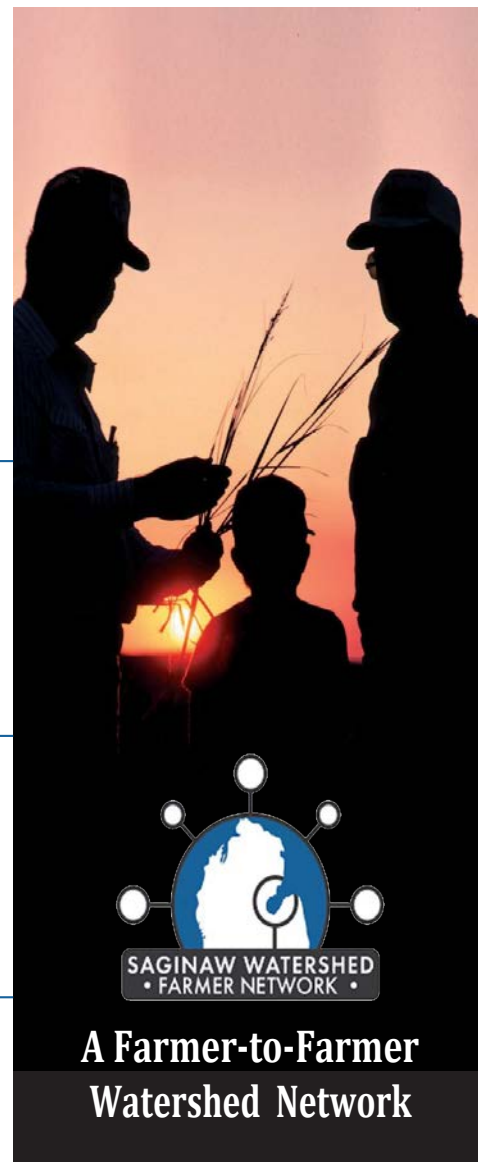
— Dave Rupprecht,  
Zwerk & Sons Farms



Find us on Facebook and Youtube!

<https://bit.ly/saginaw-network>

@SaginawWatershedFarmerNetwork



## NETWORKING

Join our network and collaborate with farmers in your community who know the challenges you face on your farm. At our events, you'll have the opportunity to meet farmers and other experts that could provide insights on new opportunities for your operation.

## EDUCATION

Join our network to help you climb the learning curve that comes with trying new conservation practices. Network members will be invited to farmer-led workshops that explains conservation in a clear and easy-to-follow manner.

## ASSISTANCE

Join our network and learn about the financial and technical assistance that may be available for practices that might be a good fit for your farm.

## HEALTHY SOIL MEANS THRIVING FARMS AND CLEAN WATER

On the farm, everything comes back around to the soil eventually. And healthy soil means better yield and fewer weather-related crop losses. Healthy soil keeps your nutrients where they belong – around the roots of your crops – and supports improved water quality in the Saginaw Bay.

[WWW.SAGINAWFARMERNETWORK.ORG](http://WWW.SAGINAWFARMERNETWORK.ORG)



# ABOUT THE SAGINAW WATERSHED FARMER NETWORK

In the Saginaw Bay area, farmers are banding together to learn about and experiment with conservation practices, to improve the health of their soils and the Saginaw Bay. At our events, learn from experts and other farmers about best practices to protect water quality and potential benefits for your operation.

Some farmers report that effective nutrient management has helped them build healthier soils, cut their fertilizer bill, reduce fuel costs, or save time in the field. Ultimately, healthier soil can lead to better yield per acre and is the first line of defense against weather-related crop losses.

By participating in these farmer-led groups, you can collaborate with other farmers to learn about their experiences with new and established conservation practices and how you might be able to incorporate them on your farm







# Hometown lending.

For over a century, we've sewn the seeds of progress by supporting our communities with quality financial products and services.

- Agricultural financing
- Crop insurance
- Rural mortgages
- Vacant land financing
- Construction loans
- Recreational land loans
- Tax and accounting
- Hobby farm financing

**Contact us today in Mt. Pleasant  
at 989-773-5175**



[www.greenstonefcs.com](http://www.greenstonefcs.com)



*GreenStone FCS is an equal opportunity provider and employer.*