



Jackson County
Conservation District
211 W. Ganson St., Suite 200
Jackson, MI 49201

“Our Land, Our Water, Our Michigan”

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2017 Spring Tree Catalog

CURRENT RESIDENT or

All programs and services of the Conservation District are offered on a non-discriminatory basis, without regard to race, color, national origin, religion, sex, age, marital status or disability.



Please recycle this catalog.

Jackson County Conservation District

2017 Spring Tree Catalog

Volume 21 • January 17, 2017

www.jacksoncd.org



Symbol/Image courtesy of the Integration and Application Network, University of Maryland Center for Environmental Science (ian.umces.edu/symbols/)

White Spruce
Picea glauca

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Jackson County Conservation District

211 W. Ganson St., Suite 200 ♦ Jackson, MI 49201
Office: 517-395-2082 ♦ jacksoncd.org ♦ Fax: 855-781-2326

DIRECTORS

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Greg Sanford.....Vice-Chairman
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Steve Noble.....Treasurer
R. James Stovall.....Member

STAFF

Lori Fitzgibbons.....District Manager
Aleta Daniels.....Project Manager
Rebecca Bender.....CTAI Engineer
Jeremiah Swain.....MAEAP Technician
Jeff Lolkus.....NRCS District Conservationist

2017 EVENTS

January 24.... JCCD Annual dinner (tickets \$10/person, call for info.)
February 4*.....Winter Stonefly Hunt 1:00-4:00
April 13*.....Tree Sale Packaging
April 14-15.....Tree Sale Pick-up
April 18.....Project RED (Jackson County Fairgrounds)
April 22.....Earth Day Celebration (Cascades Park)
April 28.....Arbor Day Celebration (Potter Park Zoo)
April, July, September (TBD)*.....Adopt-A-Highway
May 7*.....Adopt-A-Stream Program
May 20.....Native Plant Sale
September 23*.....Household Hazardous Waste Collection Event

*volunteers needed (call office for details)

Hi-Speed Print & Copy



Great Lakes Graphics, Inc.
209 E. Washington Ave ~ Suite 160 ~ Jackson MI
517.783.5500 ~ orders@glgprint.com

NATIVE PLANT SALE PRE-ORDER FORM

(Orders can be picked up at the Community Plant Sale on May 20 at the Herman Gumper Building located at the Jackson County Fairgrounds from 8:00 a.m. to 12:00 p.m.)

NAME _____

ADDRESS _____ City _____ State _____ Zip _____

PHONE _____ EMAIL _____

NATIVE PLANT*	DESCRIPTION	PRICE (includes tax)	QTY	TOTAL
New England Aster	Moist sand, loam, clay, full to part sun.	\$6.50		
Sky Blue Aster	Moist, fertile soil and clay, full sun	\$6.50		
Foxglove Beardtongue	Dry- moist soil, to 4' tall, white flower	\$6.50		
Hairy Beardtongue	Sandy soils, purple flowers, May-July	\$6.50		
Purple Coneflower	Dry- moist soil, sun- part shade, 3-4'	\$6.50		
Showy Coneflower	Moist-med, full-part sun, 20-30"	\$6.50		
Showy Goldenrod	Sandy soil, sun to part shade, yel. flower	\$6.50		
Harebell	Sandy, well drained soil, full sun, 6-18"	\$6.50		
Jack in the Pulpit	Moist loam, clay, sun- part shade, 1.5-3'	\$6.50		
Joe Pye Weed	Moist/wet sand, loam, clay, full sun, 4-6'	\$6.50		
Butterfly Milkweed	Sandy loam, sun-part shade, drought tol.	\$6.50		
Swamp Milkweed	Moist-wet loam or clay, 4-5', pink/prpl	\$6.50		
Prairie Smoke	Med/dry, sand, loam, full sun.	\$6.50		
Trillium	Dry- moist rich soil, shade, white flower	\$6.50		
Wild Ginger	Dry- moist loam, sun-part shade, purple	\$6.50		
Wild Petunia	Dry, well drained soils, full sun, 1-2'	\$6.50		
Rain Garden Kit	<u>38 plant plugs per flat</u>	\$69.00		
Pollinator Kit	Each kit is tailored for each garden type	\$69.00		
Wildflower Kit	and comes with a design plan.	\$69.00		
If also ordering trees:		Please transfer total amount from this form to the tree sale order form, and detach and submit with tree order.	TOTAL ➡	\$

OFFICE USE:
ORDER # _____
CASH ___ CC ___
CK# _____

*Due to unforeseen circumstances, some plants may not be available in the quantity requested. Substitutions may be necessary upon customer approval.
*Call with other native plant requests! I may be able to find something for you that is not listed!!



MISCELLANEOUS ITEMS



COCO TREE COLLAR: The natural alternative to weed control. Weeding is a time consuming, expensive and back-breaking task. The Weed Prevention COCODISK can help prevent weed growth while allowing the soil to breathe and reducing evaporation. They are 100% natural and biodegradable and contain no chemicals.

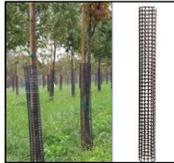
DEER REPELLENT: Plantskydd works by emitting an odor animals associate with predator activity. The active ingredient is blood meal, mixed with a vegetable fat binder. Long-term effectiveness is attributed to the binder's ability to stick tenaciously to plant material—even under severe snow/rainfall conditions—for up to 6 months in dormant season. Available in pre-mixed, concentrate and pellets for smaller animals.

FERTILIZER TABLETS: Fertilizer tablets eliminate the need for measuring small quantities of dry fertilizer, and provide a scientifically safe plant food. Designed to deliver bigger, healthier, greener plants. Slow release, ureaformaldehyde for prolonged release nitrogen. **Planting Formula, 22-8-2, 2 Year:** Targets new landscape plantings and established landscapes.

MARKING FLAGS: Fluorescent flags to mark your seedlings. Wire with plastic flags and PVC with plastic flags are available.

MOSQUITO BARRIER: This garlic-based product repels mosquitoes, ticks, fleas, and black flies and does not harm humans, pets or plants. The garlic smell is undetectable to humans within minutes of application. Each quart will cover 1.25 acres and each gallon will cover approximately 5 acres. Four applications are generally enough for the entire mosquito and tick season.

RIGID PLASTIC MESH TREE GUARDS: Used to protect trees from squirrels, rabbits and deer. Can be readily removed for tree maintenance or use on other trees. Recommended for hardwoods. Rigid Mesh guards prevent moisture and mildew build-up, won't inhibit growth, won't harbor insects and small animals, and are designed to blend in. 24" and 48" guards available.



TERRA SORB PLANTING GEL: A super-absorbent co-polymer that absorbs 200 TIMES its weight in water, then releases it slowly, to reduce watering by 50% or more. It's a process that's repeated when water is reintroduced ... over a period of 3-4 years! Non-toxic, non-hazardous to the environment, and compatible with fertilizer and other "Green Industry" chemicals. This horticultural grade has medium-sized particles for planting, seeding, sod, flower beds, and potting mixes. 0.75 to 2.0 mm in size.

TRUAX NO-TILL GRAIN DRILL RENTAL AVAILABLE: For more information or if interested in renting, please call the Conservation District at (517) 395-2082. Information can also be found on our website at jacksoncd.org.

Jackson County Recycles



Aleta Daniels, Program Mgr.
Aleta.Daniels@macd.org
517-395-2089

Visit the website:
jacksonrecycles.wixsite.com/recycling

IMPORTANT INFORMATION

DEADLINE FOR ORDERS IS MARCH 22, 2017. Orders will be filled on a first-come basis. We reserve the right to cancel if necessitated by conditions beyond our control. Your tree receipt will be mailed to you approximately one week prior to the pick-up date. A map and schedule of pickup dates will accompany your receipt.

PICK UP DATES AND LOCATIONS: The pick-up dates for the Tree Sale are **Friday, April 14th** from 9 a.m. to 6 p.m. and **Saturday, April 15th** from 9 a.m. to noon at the Jackson County Airport's Maintenance Building, 712 Airport Rd., at the corner of Wildwood and Airport Road.

The NATIVE PLANT SALE PICK-UP will be on Saturday, May 20 at the Herman Gumper building at the Jackson County Fairgrounds from 8 a.m.—noon.

REFUND POLICY: A full refund will be issued if order is cancelled by MARCH 3.

THE DISTRICT IS NOT RESPONSIBLE FOR TREES AFTER PICK-UP OR FOR ANY TREE MORTALITY.

HOW TO ORDER TREES:

Remove the order form from the book. Fill in the quantity and cost for each item you are ordering, and total on the back of the order form. Mail, email, fax or bring your order to the District office. **PLEASE DON'T FORGET TO ADD SALES TAX AND HANDLING!** Extra order forms are available at jacksoncd.org and at the district office.

Thinking about purchasing your own recreational land?



Let the real estate experts at GreenStone FCS help.

We offer a variety of flexible financing options with competitive rates for purchasing or refinancing not only rural recreational properties but also home sites and farms.



800-968-8600
100 Spring St., Concord



TREE SELECTION GUIDE

Information taken from, "Michigan Trees, A Guide to the Trees of the Great Lakes Region" and The Arbor Day Foundation website.

Plant Name	Origin	Soil	Moisture	Sunlight	Height	Growth
CONIFERS						
American Larch	N	L,M	D,M,W	Su	40-75'	F
Blue Spruce	I	S,L,C	D,M	All	30-60'	S
Concolor Fir	I	S,L,C	D,M	Su,P	40-70'	S/M
Douglas Fir	I	S,L,C	D,M	Su,P	40-70'	M
Norway Spruce	I	L,C,M	M,W	All	50-85'	F
Red Pine	N	S,L	D,M	Su	65-100'	F
White Cedar	N	S,L,M	D,M,W	All	40-60'	S
White Pine	N	S,L	D,M	Su,P	70-100'	M
White Spruce	N	S,L,C	D,M,W	All	50-85'	S
DECIDUOUS TREES						
American Sycamore	N	L,M	W	Su	65-100'	F
Black Walnut	N	L,C	M	Su	90'	M
Bur Oak	N	S,L,C	D,M,W	Su,P	70-80'	M
Red Maple	N	S,L,C	M,W	Su,P	80-100'	M/F
Shagbark Hickory	N	S,L,C	D,M	Su,P	55-65'	S
Sugar Maple	N	S,L	M	All	75-100'	S/M
Swamp White Oak	N	L,M	M,W	Su,P	60'	S/M
Tulip Poplar	N	S,L	D,M	Su	80'	F
White Birch (Paper)	N	S,L,C	M	Su,P	50-70'	F
DECIDUOUS SHRUBS AND SMALL TREES						
American Hazelnut	N	All	D,M	Su	8'	S/M
Black Elderberry	N	S,L,C	D,M	All	12'	M
Highbush Cranberry	N	All	D,M,W	Su,P	15'	M
Red Osier Dogwood	N	L,C,M	M,W	Su,P	10-15'	F
Wh. Flower. Dogwood	N	L,C	D,M	Su,P	15-30'	S/M

***THE DISTRICT IS NOT RESPONSIBLE
FOR TREES AND PLANTS AFTER PICK-UP!!***

N=Native S=Sand, L=Loam, C=Clay, M=Muck Su=Full sun, P=Partial shade S=Slow,
I=Introduced D=Dry, M=Moist, W=Wet, O=Water All=Sun, Part shade, Shade M=Moderate, F=Fast

Native Grasses

Native grasses were present in Michigan when Europeans arrived. Many of these grasses are associated with native prairies, barrens and savannahs. Native grass plantings of warm-season species provide excellent winter cover for wildlife. These tall, stiff, upright grasses stand up well to snow and ice. They also put most of their growth on in the heat of the summer unlike the cool season grasses of your lawn which grow most in the spring and fall. Native grasses will live a long time after establishment. However, like most long-lived plant species, they generally establish slowly. Therefore, it is very important to establish these grasses properly and to have patience when evaluating the results.

Big Bluestem (*Andropogon gerardi*): The most prevalent and widely distributed of all prairie grasses. Growing 5-8' and thriving on a tremendous range of soils, from wet, poorly drained clay, to dry open sand. It produces a distinctive three-parted seed head that resembles a turkey foot. The lush green of the leaves and stems change with the first frost to an attractive reddish-copper color that provides landscape interest well into the winter.

Little Bluestem (*Schizachyrium scoparium*): Found in dry areas growing in clumps 2-3' tall, taller in ideal conditions. Leaf blades 4-8" long, 1/4" wide. The blue-green foliage provides a great backdrop for prairie flowers in summer, and then turns a striking crimson in fall. It excels in dry sandy soils. Not recommended for heavy clay or damp soils.

Indian Grass (*Sorghastrum nutans*): Grows on any well-drained soil from dry sand to heavy clay. Forms in clumps ranging in height from 5'-7'. The soft, golden seed heads of Indian Grass add a distinctive look to the prairie. Matches well with a wide range of prairie flowers.

Switchgrass (*Panicum virgatum*): Grows well in almost any soil. Ranges in height from 3-6'. Bloom time from Aug-Sep. The best native grass for creating dense cover for wildlife. It's stiff stems are able to tolerate winter and stand up better than other grasses.

Common planting rate using the no-till drill is 4-5.5 lbs of Pure Live Seed (PLS) per acre. If broadcasting, frost seeding, etc., the amount should be increased by at least 25%.



Woodworker's Barn

12225 Kimler Rd,
Eaton Rapids, MI 48827

www.woodworkersbarn.com

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⇒ Custom sawing and drying of your logs.

⇒ Sawn & dried lumber for sale.

⇒ Portable mill services and high quality kiln.

FRUIT TREES (4-6' tall, 5/8"-3/4" caliper)

Apples	Require cross-pollination (2 different varieties)	Qty	Price	Amount
Aztec Fuji (EMLA 7)	Mid-late Oct. Sweet, juicy, crisp texture. (~12 ft. tree)		\$17.50	\$
Gale Gala (EMLA 111)	Mid-late Aug. Med size fruit, crisp, juicy, deep red. (~18 ft. tree)		\$17.50	\$
Gibson Golden (EMLA 111)	Mid-late Sept. Sweet juicy, smooth skinned golden delicious. (~18')		\$17.50	\$
Honeycrisp (EMLA 26)	Mid-late Sept. Crisp, juicy, sub-acid flavor. (~10 ft. tree)		\$17.50	\$
Cherry (Mazzard)	Require cross-pollination (2 different varieties)			
Bing Cherry	June-July. Sweet, dark, dense, juicy flesh, large, flavorful		\$17.50	\$
Rainier Cherry	July. Sweet, yellow cherry with red blush, superior flavor		\$17.50	\$
Peaches	Self-fertile. Freestone.			
Cresthaven Peach	Mid season. Sweet, firm, juicy, good for canning, freezing		\$17.50	\$
Redstar Peach	Early season. Large, red, juicy, sweet yellow flesh, good for canning, freezing, baking		\$17.50	\$
Pear (OHx-97)	Require cross-pollination (2 different varieties)			
Bartlett Pear	Late Aug-early Sept. Med. fruit, juicy, excellent fresh and for canning		\$17.50	\$
Beurre Danjou Pear	Late Sept. Light green, mild, aromatic flesh, keeps well in cold storage		\$17.50	\$

MISCELLANEOUS ITEMS (page 10)

CoCo Fiber Tree Collars 17.3"	\$1.50 each		\$1.50	\$
Marking Flags 36" Wire	.20 each 25 for \$4.50 50 for \$8 100 for \$15			\$
Marking Flags 24" PVC	.20 each 25 for \$4.50 50 for \$8 100 for \$15			\$
Mosquito Barrier Mosquito Repellent	1 quart bottle = \$25 1 gallon bottle = \$80		\$25/\$80	\$
Plantskydd (Animal Repellent) - Powder Concentrate	1 lb. = \$27 2.2 lb = \$43		\$27/\$43	\$
Plantskydd (Animal Repellent) - Pre-mixed	1 quart = \$22 or 1.3 gallon = \$58		\$22/\$58	\$
Plantskydd (Animal Repellent) - Granular	1 lb. shaker = \$15 3lb shaker bag = \$27		\$15/\$27	\$
Fertilizer Tablets	each .30 cents or 100 for \$25			\$
Terra Sorb Planting Medium Hydrogel	1 lb. packages = \$15		\$15	\$
Rigid Mesh Tree Bark Protectors 24" and 48"			\$4.50 / \$7	\$
Jackson County Plat Book (2014)			\$30	\$

NATIVE GRASSES

Big Bluestem	Michigan Genotype	\$21.00/lb.	\$21	\$
Little Bluestem	Michigan Genotype	\$33.00/lb.	\$33	\$
Indian Grass	Michigan Genotype	\$31.00/lb.	\$31	\$
Switchgrass	Michigan Genotype	\$16.00/lb.	\$16	\$

ORDER DEADLINE: MARCH 22, 2017

Make checks payable to: JCCD

Mail to: 211 W. Ganson St., Suite 200, Jackson, MI 49201

Questions: Call 517-395-2082 or lori.fitzgibbons@mi.nacdn.net

NAME*: _____ New Customer Y ___ N ___
 ADDRESS*: _____ New Address Y ___ N ___
 CITY*: _____ STATE*: _____ ZIP CODE*: _____
 PHONE*: _____ EMAIL: _____
 Expires _____ 3 digit Code _____

*(required information)



Side 1 total \$ _____
 Side 2 total \$ _____
 Subtotal \$ _____
 6% SALES TAX \$ _____
HANDLING \$ 2.00
 Native Plant Total \$ _____
 Donation \$ _____
TOTAL AMT \$ _____
 Don't forget sales tax and handling!! Thank you!
 Office Use: CAT017
 Invoice #: _____ Amt\$ _____
 Cash _____ CK# _____ diff. _____
 Approval Code for CC _____

**THE DISTRICT IS NOT RESPONSIBLE FOR TREES AFTER PICK-UP
OR FOR ANY TREE MORTALITY.**

2017 Spring Tree Sale Order Form

ORDERING DEADLINE IS MARCH 22, 2017

PLEASE TEAR OUT THIS ORDER FORM.

CONIFER SEEDLINGS											
Species	Size	Age	5 for	10 for	25 for	50 for	100 for	500 for	Quantity	Amount	
American Larch	18-30"	2	\$20	\$31	\$50	\$78	\$100	XX		\$	
Douglas Fir	9-15"	2-3	\$10	\$16	\$24	\$35	\$48	\$195		\$	
Norway Spruce	9-15"	2-3	\$9	\$15	\$22	\$33	\$45	\$190		\$	
Red Pine	6-14"	2-3	\$10	\$16	\$24	\$35	\$48	\$195		\$	
White Pine	10-16"	3	\$11	\$17	\$26	\$37	\$51	\$205		\$	
White Spruce	9-15"	2-3	\$9	\$15	\$22	\$33	\$45	\$190		\$	

CONIFER TRANSPLANTS											
Species	Size	Age	5 for	10 for	30 for	50 for	80 for	100 for	Quantity	Amount	
Blue Spruce	10-18"	3	\$16	\$24	\$56	\$64	\$99	\$116		\$	
Concolor Fir	10-18"	4	\$22	\$32	\$64	\$85	\$115	\$130		\$	
Norway Spruce	14-18"	3	\$16	\$24	\$56	\$64	\$99	\$116		\$	
White Cedar (Am. Ath)	8-15"	3	\$16	\$24	\$56	\$64	\$99	\$116		\$	
White Pine	12-18"	3	\$20	\$30	\$60	\$78	\$106	\$120		\$	

PLEASE TEAR OUT THIS ORDER FORM.

DECIDUOUS TREE & SHRUB SEEDLINGS											
TREES	Size	5 for	10 for	25 for	50 for	100 for	Quantity	Amount			
American Sycamore	12-18"	\$14	\$21	\$37	\$51	\$78		\$			
Black Walnut	12-18"	\$14	\$21	\$37	\$51	\$78		\$			
Bur Oak	12-18"	\$14	\$21	\$37	\$51	\$78		\$			
Red Maple	12-18"	\$17	\$28	\$47	\$65	\$98		\$			
Shagbark Hickory	12-18"	\$22	\$33	\$53	\$78	\$125		\$			
Sugar Maple	12-18"	\$15	\$24	\$42	\$60	\$90		\$			
Swamp White Oak	12-18"	\$15	\$24	\$42	\$60	\$90		\$			
Tulip Poplar	12-18"	\$17	\$28	\$47	\$65	\$98		\$			
White Birch (Paper)	12-18"	\$14	\$21	\$37	\$51	\$78		\$			
SHRUBS AND SMALL TREES	Size	5 for	10 for	25 for	50 for	100 for					
American Hazelnut	12-18"	\$17	\$28	\$47	\$65	\$98		\$			
Black Elderberry	12-18"	\$14	\$21	\$37	\$51	\$78		\$			
Highbush Cranberry	12-18"	\$16	\$26	\$44	\$62	\$94		\$			
Red Osier Dogwood	12-18"	\$14	\$21	\$37	\$51	\$78		\$			
White Flowering Dogwood	12-18"	\$16	\$26	\$44	\$62	\$94		\$			

SMALL FRUIT PLANTS				
Species	Description	Price	Quantity	Amount
Blueberry (Earlblue)	2yr old plant, 10-16" tall, season varies	\$7.50 / plant		\$
Raspberry (Mammoth Red—summer)	1st yr plant, cut off at 16", 3/16" caliper	\$3.50 / plant		\$
Strawberry (Everbearing)	1st yr plant, tops cut off, root appearance	\$0.75 / plant		\$

PACKETS				
Species	Description	Price	Quantity	Amount
Deer Food Pack	Hazelnut(2), Chinkapin Oak(2), Persimmon(2), Domestic Apple(2) Coralberry-Buckbrush(2), 10trees total, 12-18", native.	\$24		\$
Pollinator Pack	Red Osier Dogwood (2), Choke Cherry (2), American Plum (2), Meadowsweet (2), Pasture Rose (2), 10 trees total, 12-18", native.	\$25		\$
SIDE ONE TOTAL				\$