

Spring 2009 Seedling & Plant Order Form- Leelanau Conservation District
112 W. Philip St., PO Box 205, Lake Leelanau, MI 49653-0205 Tel: 231-256-9783 Fax: 231-256-7851

Name _____
 Address _____
 City _____ State _____
 Credit card V MC _____

Date _____
 Phone _____
 Zip _____
 Exp _____ V-Code _____

We accept orders via mail, fax, or phone. Order Deadline is, April 10th 2009.
 Pick up date is Friday, April 24th 2009, between 8am-6pm, at Leelanau Fruit Company in Suttons Bay. Full purchase price including tax must accompany the order.

SUBTOTAL (both sides)	
SALES TAX 6%	
<i>For our Educational Programs – Tax Deductible Charitable Donation</i>	
Grand Total Enclosed	

Species *=Native Species	Height	Price/Quantity							Quantity	Cost
		1000	500	100	50	25	10	5		
Seedlings										
*Jack Pine	6-12"	163	109	44	28	16				
*Red Pine	6-10"	228	153	61	39	22				
*White Pine	4-8"	195	131	53	34	19				
Norway Spruce	5-10"	189	127	51	33	18				
*White Spruce	5-10"	189	127	51	33	18				
Blue Spruce	6-12"	189	127	51	33	18				
Douglas Fir	8-12"	189	127	51	33	18				

Transplants										
*White Cedar	12-18"			88	61	44	29	16		
*Balsam Fir	6-12"		356	76	52	38	25	14		
Concolor Fir	6-12"		383	82	56	41	27	15		
Douglas Fir	8-15"		368	78	54	39	25	14		
Blue Spruce	10-18"		544	116	80	58	38	21		
Norway Spruce	8-12"		319	68	47	34	22	12		
*White Spruce	8-12"		319	68	47	34	22	12		
*White Pine	8-12"		431	92	63	46	30	17		
Fraser Fir	10-18"		544	116	80	58	38	21		

Hardwoods										
*Red Oak	12-18"			112	77	56	36	20		
*White Oak	12-18"			128	88	64	42	23		
*Black Cherry	12-18"			120	83	60	39	21		
Burr Oak	12-18"			96	66	48	31	17		
Pin Oak	12-18"			96	66	48	31	17		
*American Chestnut	10"+			256	176	128	83	46		
*Sugar Maple	12-18"			99	68	50	32	18		
*Red Maple	12-18"			82	56	41	27	15		
*Quaking Aspen	12-18"			96	66	48	31	17		
*American Beech	12-18"			110	76	55	36	20		

Shrubs										
*Black Chokeberry	12-18"			71	48	36	23	13		
*Highbush Cranberry	12-18"			87	59	45	28	16		
*Grey Dogwood	12-18"			53	36	27	17	10		
*Red-Osier Dogwood	12-18"			47	32	24	15	8		
Hazelnut	12-18"			103	70	53	33	19		
Washington Hawthorn	12-18"			85	58	44	28	15		
Alternate Leaf Dogwood	12-18"			98	67	50	32	18		
*Witchhazel	12-18"			109	75	56	35	20		
*Serviceberry	12-18"			100	68	51	32	18		
Arrowwood	12-18"			100	68	51	32	18		

*Variety Packets	Size (Now)	Cost (1)	Quantity	Cost
Wetland	6-12"	\$25		
Pond	6-12"	\$30		
Nut	6-12"	\$30		

Native Grasses	Size (Adult)	Cost
*Little Bluestem	1.5-2.5'	\$60/Flat
*Switch Grass	5-6'	\$60/Flat
*Amer. Beach Grass	1-1.5'	\$55/Bndl

Ground Covers	Size	Cost
*Bearberry	1-3"	\$70/Flat
*Virginia Creeper	4-8"	\$76/Flat
*Wintergreen	3-5"	\$77/Flat

Ferns	Size	Cost
Maidenhair Fern	1-2'	\$75/Flat
Interrupted Fern	2-4'	\$64/Flat
Royal Fern	2-5'	\$62/Flat

PLANTING SUPPLIES & DETERRENTS	
Fertilizer Tablets 10gm. Slow release for seedlings trees & shrubs.	\$8/50
Fertilizer Tablets 5 gm. Slow release for ground covers & garden plants.	\$8/50
Garlic Sticks Deer & Rabbit Repellent.\$7/10 \$15/25 \$25/50 \$45/100 \$90/250	
Flagging Tape Sun-glo colors. 150 ft. roll	\$3.00
Flicker Tape Metallic red or silver. \$9/roll \$8.50ea/10 rolls \$8ea/15 or more.	
Marker Flags 4x5 in. with 30 in. staff. \$16/100 \$.50 ea.	
Terrasorb™ Moisture enhancer. Don't plant without it. \$3/oz. \$10/8oz. \$15/lb.	
Signs 2\$ Each 10 or more \$1.50	
Trees Planted Keep Off, Posted No Trespassing, No Motorized Vehicles	

Species	Height	Moisture	Sun	Notes
Seedlings	*=Native Species			
*Jack Pine	6-12"	Dry-Mod	Sun-PS	Drought tolerant, Kirtland Warbler use, Good in sand
*Red Pine	6-10"	Dry-Mod	Full Sun	Drought tolerant, Plantation pine, Good in sand
*White Pine	4-8"	Dry-Mod	Sun-Shade	Good under oak/aspens, open grown gets bushy
Norway Spruce	5-10"	Dry-Mod	Full Sun	Fastest grower, good screen, drooping branches
*White Spruce	5-10"	Dry-Mod	Full Sun	X-mas, Fast grower, good screen
Blue Spruce	6-12"	Dry-Mod	Full Sun	X-mas, Screen, Do not Plant by Doug Fir
Douglas Fir	8-12"	Moderate	Full Sun	X-mas, Do not plant by Blue Spruce
Transplants				
*White Cedar	12-18"	Mod-Wet	Sun-Shade	Good hedge even in shade, Wide growing tolerance
*Balsam Fir	6-12"	Mod-Wet	Sun-Shade	Slower growing, wide sun tolerance
Concolor Fir	6-12"	Moderate	Full Sun	X-mas, Tolerates clay, needs air drainage
Douglas Fir	8-15"	Moderate	Full Sun	X-mas, Do not plant by Blue Spruce
Blue Spruce	10-18"	Dry-Mod	Full Sun	X-mas, Screen, Do not Plant by Doug Fir
Norway Spruce	8-12"	Dry-Mod	Full Sun	Fastest grower, good screen, drooping branches
*White Spruce	8-12"	Dry-Mod	Full Sun	X-mas, Fast grower, good screen
*White Pine	8-12"	Dry-Mod	Sun-Shade	Good under oak/aspens, open grown gets bushy
Fraser Fir	10-18"	Moderate	Full Sun	Great X-mas, winter hardy
Hardwoods				
*Red Oak	12-18"	Dry-Mod	Sun-PS	Tolerates sand, wildlife, lumber
*White Oak	12-18"	Dry-Mod	Sun-PS	Very drought tolerant, wildlife, slower growing oak
*Black Cherry	12-18"	Dry-Mod	Sun-PS	Tolerates sand, wildlife, likes more sun than shade
Burr Oak	12-18"	Dry-Mod	Sun-PS	Wildlife, Native downstate
Pin Oak	12-18"	Dry-Mod	Sun-PS	Wildlife, Native downstate, more drought than Red Oak
*American Chestnut	10"+	Dry	Sun-PS	Seed from blight resistant parents, Good w/oak
*Sugar Maple	12-18"	Mod-Moist	Sun-Shade	Fast growing, lumber, maple syrup, shade tolerant
*Red Maple	12-18"	Dry-Moist	Sun-PS	Faster growing, less shade tolerant, more drought
*Quaking Aspen	12-18"	Dry-Moist	Full Sun	Fastest growing, shade intolerant
*American Beech	12-18"	Mod-Moist	PS-Shade	Good wildlife, shade tolerant
Shrubs				
*Black Chokeberry	12-18"	Dry-Moist	Sun-PS	Good aesthetics, Growth rate dependent on soil
*Highbush Cranberry	12-18"	Wet	Sun-PS	Great wildlife holds fruit into winter, likes wet feet
*Grey Dogwood	12-18"	Dry-Moist	Sun-PS	Hardy shrub, fast grower, good wildlife
*Red-Osier Dogwood	12-18"	Moist-Wet	Sun-Shade	Good wildlife, stem is red in full sun
Hazelnut	12-18"	Dry-Mod	Full Sun	Temperature hardy, small tree-big shrub, wildlife
Washington Hawthorn	12-18"	Dry-Mod	Sun-PS	Has thorns, good wildlife, Good hedge
Alternate Leaf Dogwood	12-18"	Dry-Moist	Sun-PS	Hardy shrub, fast grower, good wildlife
*Witchhazel	12-18"	Dry-Mod	PS-Shade	Good edge plant, drought/shade tolerant
*Serviceberry	12-18"	Dry-Moist	Full Sun	Great wildlife, drought tolerant, large shrub-small tree
Arrowwood	12-18"	Dry-Wet	Sun-Shade	Good Wildlife, grows well in a range of places
*Variety Packets				
Wetland	6-12"	Wet	Full Sun	Spicebush, P.Willow, River Birch, Button Bush, Nannyberry
Pond	6-12"	Wet	Full Sun	Red Osier Dogwood, Button Bush, Ninebark, Pussy Willow, Sycamore
Nut	6-12"	Mod-Moist	Sun-PS	Hazelnut, Northern Pecan, Butternut, Black Walnut
Native Grasses Adult Size				
*Little Bluestem	1.5-2.5'	Dry-Mod	Full Sun	Prairie Grass with deep roots, need care to establish
*Switch Grass	5-6'	Dry-Mod	Full Sun	Prairie Grass with very deep roots, need care to establish
*Amer. Beach Grass	1-1.5'	Dry-Mod	Full Sun	Perfect for the sandy beach setting, will slowly spread
Ground Covers Adult Size				
*Bearberry	1-3"	Dry-Mod	Sun-PS	Ever-expanding ground cover, tolerates sand and acid soils
*Virginia Creeper	4-8"	Dry-Moist	Sun-Shade	Red fall color, wildlife benefits, hardy fast grower
*Wintergreen	3-5"	Dry-Mod	Sun-Shade	Modest spreader, tolerates any sun conditions and drought
Ferns Adult Size				
Maidenhair Fern	1-2'	Mod-Wet	PS-Shade	Best in moist organic soils, graceful unique shape
Interrupted Fern	2-4'	Moist-Wet	Sun-Shade	Best near stream/pond, Any amount of sun, aesthetic
Royal Fern	2-5'	Moist-Wet	Sun-Shade	Prefers constantly moist, acid soils, Any amount of sun

PS=Partial Sun
Mod=Moderate

Helpful Hints for the Planting

The best time to plant a tree is NOW! We expect shrubs to bear fruit in 3-7 years after planting, depending on site and conditions. For all our plants, we encourage watering often, 1-2 times a week for the first two years is ideal, and use Terrasorb™ if you can't water that often. Always over-dig the size of your hole, and never put roots into a J shape in a hole that is too short. Mulching and weed control will improve results. Use only mechanical/manual weed control when planting and for the first year unless you know how to time a chemical application perfectly. Mulching should be 2-4" deep only, and never allow the mulch to physically touch the stem of the plant keep it back an inch or more. Fertilization is not recommended until the plant has been in the ground a year and use extreme caution with the amount of liquid fertilizer used any time. Follow instructions exactly or apply less fertilizer to be safe.