

KEEPING MOKENA GREEN

Tomorrow's Trees Today...

The Village of Mokena would like to introduce three special tree programs aimed at preserving the health and beauty of Mokena's urban forest. This will be achieved by planting trees both in new sites and as replacements if needed. The three programs are: The Retention Pond/Parkway Tree Program; The Annual Tree Project and Donate-a-Tree Program. These three programs are designed to strategically plant trees around the Village of Mokena. The combination of these programs will benefit public areas, village parks, and the community as a whole.

Program Missions

The Retention Pond/Parkway Program is designed to create shady areas along residential streets, sidewalks and public areas in the Village of Mokena. The program is currently administered by the Mokena Tree Committee and is funded through a partnership between the Village and residents of Mokena.

The Annual Tree Project is also designed to increase the green areas throughout the Village of Mokena. The Program focuses on a designated area within the Village of Mokena. Several trees will then be planted in the designated area. The Annual Tree Project is a collaboration of many contributing entities.

The Annual Tree project will consist of the following items:

- 1.) A predetermined number and selected species of trees will be planted in the designated area within the Village of Mokena.
- 2.) The tree purchase will be made through a local nursery. Additionally, miscellaneous supplies will be donated by local businesses or residents of Mokena.
- 3.) The labor will be a collaborative effort between the Village of Mokena staff, the members of the Tree Commission, and volunteers.
- 4.) The Annual Tree Project is possible because of the many program partners including: The Village of Mokena, residents of the Village of Mokena, The Will County Forest Preserve, and Mid-America Landscape.

The Donate-a-Tree Program is a Mokena Community Park District Program committed to keeping the parks beautiful. Trees provide community benefits, and are a source of beauty as we go about our daily lives. They help to reduce pollution, protect wildlife, and prevent erosion. They also provide a living link to our past. As a lasting gift, memorial, or to commemorate a special person or occasion, persons may contribute to the Park District's Donate-a-Tree Program. This program will continue to be administered by the Park District as in the past. The District will match up to a \$75 donation per tree. All inquiries should be directed to the Park District Administrative Center at 708-390-2402.

10 Reasons Why Trees Are Valuable and Important

1. Trees Produce Oxygen

Let's face it, we could not exist as we do if there were no trees. A mature leafy tree produces as much oxygen in a season as 10 people inhale in a year. What many people don't realize is the forest also acts as a giant filter that cleans the air we breathe.

2. Trees Clean the Soil

The term phytoremediation is a fancy word for the absorption of dangerous chemicals and other pollutants that have entered the soil. Trees can either store harmful pollutants or actually change the pollutant into less harmful forms. Trees filter sewage and farm chemicals, reduce the effects of animal wastes, clean roadside spills and clean water runoff into streams.

3. Trees Control Noise Pollution

Trees muffle urban noise almost as effectively as stone walls. Trees, planted at strategic points in a neighborhood or around your house, can abate major noises from freeways and airports.

4. Trees Slow Storm Water Runoff

Flash flooding can be dramatically reduced by a forest or by planting trees. One Colorado blue spruce, either planted or growing wild, can intercept more than 1000 gallons of water annually when fully grown. Underground water-holding aquifers are recharged with this slowing down of water runoff.

5. Trees Are Carbon Sinks

To produce its food, a tree absorbs and locks away carbon dioxide in the wood, roots and leaves. Carbon dioxide is a global warming suspect. A forest is a carbon storage area or a "sink" that can lock up as much carbon as it produces. This locking-up process "stores" carbon as wood and not as an available "greenhouse" gas.

6. Trees Clean the Air

Trees help cleanse the air by intercepting airborne particles, reducing heat, and absorbing such pollutants as carbon monoxide, sulfur dioxide, and nitrogen dioxide. Trees remove this air pollution by lowering air temperature, through respiration, and by retaining particulates.

7. Trees Shade and Cool

Shade resulting in cooling is what a tree is best known for. Shade from trees reduces the need for air conditioning in summer. In winter, trees break the force of winter winds, lowering heating costs. Studies have shown that parts of cities without cooling shade from trees can literally be "heat islands" with temperatures as much as 12 degrees Fahrenheit higher than surrounding areas.

8. Trees Act as Windbreaks

During windy and cold seasons, trees located on the windward side act as windbreaks. A windbreak can lower home heating bills up to 30% and have a significant effect on reducing snow drifts. A reduction in wind can also reduce the drying effect on soil and vegetation behind the windbreak and help keep precious topsoil in place.

9. Trees Fight Soil Erosion

Erosion control has always started with tree and grass planting projects. Tree roots bind the soil and their leaves break the force of wind and rain on soil. Trees fight soil erosion, conserve rainwater and reduce water runoff and sediment deposit after storms.

10. Trees Increase Property Values

Real estate values increase when trees beautify a property or neighborhood. Trees can increase the property value of your home by 15% or more.

MOKENA RETENTION POND/PARKWAY TREE PLANTING PROGRAM

This program will offer the Village of Mokena and homeowners an opportunity to share the cost of trees to be planted in the resident's parkway or retention pond area. Resident's cost will be \$125.00 per tree. Applications will be accepted on a first come/first serve basis. Because of the limited number of species; the Village cannot guarantee the type of tree, although every attempt will be made to accommodate your request. Trees are sold with a one-year guarantee and a one-time replacement within twelve months of planting. Trees are approximately 2 ½ to 3 inches in diameter and will be planted in the spring or fall of each year. Additionally, the following guidelines must be adhered to in order to participate in the program :

- A maximum of two trees per resident will be allowed for the parkway and the tree must be planted between the street and the sidewalk only.
- Trees planted in the parkways may be no closer than 10 feet from driveways, fire hydrants, and B-boxes.
- The resident is responsible if there is any tree or stump removal.
- Residents may select a designated planting area, but all planting sites will be reviewed and final approval given by the Village of Mokena.
- Residents will be responsible for the watering of all trees planted in their parkways.

Applications may be submitted to the Village Hall, 11004 Carpenter Street, Mokena

Species	Quantity	1 st Choice	2 nd Choice
American Linden: ht 60-80', yellow flowers	_____	_____	_____
Little Leaf Linden: ht 60-80', yellow flowers	_____	_____	_____
Redmond Linden: ht 60-80', yellow flowers	_____	_____	_____
Shademaster Honey Locust: ht 40-60', yellow fall foliage	_____	_____	_____
Red Maple: ht 40-60', red to yellow fall foliage	_____	_____	_____
Brandy Wine Red Maple: ht 40-50', narrow spread, purple/red foliage	_____	_____	_____
October Glory Maple: ht 40-50', orange/red fall foliage	_____	_____	_____
Parkway Norway Maple: ht 40-50', yellow fall foliage	_____	_____	_____
Pacific Sunset Maple: ht 40-50', fall foliage is colorful	_____	_____	_____
State Street Miyabe Maple: ht 30-40', yellow fall foliage	_____	_____	_____

Please make check payable to the Village of Mokena. TOTAL \$125.00 per tree Total Due: _____

Resident's Name: _____ Home Phone: _____
 Address: _____ Work Phone: _____

I have read and agree to all the above listed stipulations.
 Resident's Signature: _____ Date: _____

FOR VILLAGE USE ONLY

Amt Paid _____ Check# _____ Received by _____ Date _____ Time _____



**MOKENA COMMUNITY PARK DISTRICT
DONATE - A - TREE PROGRAM**



The Mokena Community Park District is committed to keeping the parks beautiful. As a lasting gift, memorial, or to commemorate a special person or occasion, you may wish to contribute to the Park District's Donate-A-Tree Program.

Trees provide community benefits, and are a source of beauty as we go about our daily lives. They help to reduce pollution, protect wildlife, and prevent erosion. They also provide a living link to our past.

Trees can be purchased any time of the year, although they will only be planted during the appropriate planting season. Every effort will be made to honor the request of your choice of trees and park location. Your contribution of \$75 or more, with a matching \$75 donation by the Park District, will cover the cost to plant and care for a tree at least 1.5 inches in diameter. In addition, smaller donations of any amount will be accepted and combined for future tree purchases.

At the time of planting, donors will be given a Memorial Tree Recognition Certificate, suitable for framing, which will include the name of the person or event being commemorated. The certificate can be presented to the honoree or their family as a lasting reminder of the gift.

Please complete the following, detach and return with contribution made payable to the Mokena Park District, 10925 LaPorte Road, Mokena, IL 60448.

Contributor

Name _____ Phone _____

Address _____

City _____ State _____ Zip _____

Amount of contribution: \$ _____

In honor of

Name _____

Indicate Tree Choice

Maple Linden Locust Oak

Ornamental (Pear, flowering crab or serviceberry)

Indicate Park Location

Acorn Park Boulder Ridge No. Buske Grasmere The Oaks
 Green Meadows Hecht Heritage Main Timbers Pt.
 Manchester Cove Marley Creek McGovney Rivendell Tinley Gardens
 Willowview

For further information or to answer any other questions, please call the Park Office at (708) 390-2402.