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# MNLA CERTIFICATION PLANT IDENTIFICATION RESOURCE

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Proper plant identification is essential to all professionals in the Green Industry. A goal of the MNLA Certification Committee is to develop a high-quality plant identification resource that shows several identification characteristics of several genera, species and varieties of plants common to the Midwest U.S. Green Industry. Information included in this document for learning plant identification consists of plant form, flowers, leaf shape, leaf fall color and unique characteristics of each plant. This MNLA Certification Plant Identification Resource includes the genus, species and variety names, the common names and the classification of each plant in the Plant Identification Resource. The Classifications and the number of plants in each classification are listed in Table 1.

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Table 1. Number of plants in each Plant Classification of the MNLA Certification Plant Identification Resource.

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<u>Classification</u>	<u>Number of Plants</u>
Deciduous Tree	43 Plants
Evergreen	31 Plants
Landscape Grass	10 Plants
Perennial	43 Plants
Shrub	35 Plants
Shrub Rose	10 Plants
Vine	8 Plants

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The plants described in this Resource are typically grown or sold in the USDA Plant Hardiness Zones 3 and 4. The plants are organized alphabetically by classification and then alphabetically by genus, species and variety within each classification as shown in Tables 2 through 8. Each plant listed will have colored photos of the plant's form, flowers, leaves, fall

color and/or other characteristics. All photos are jpeg files on a Compact Disc (CD) that is enclosed with this manual.

Table 2 lists the genus, species and variety, and the common name of all the plants in the Deciduous Tree Classification. Table 3 lists the genus, species and variety, and the common name of all the plants in the Evergreen Classification. Table 4 lists the genus, species and variety, and the common name of all the plants in the Landscape Grass Classification. Table 5 lists the genus, species and variety, and the common name of all the plants in the Perennial Classification. Table 6 lists the genus, species and variety, and the common name of all the plants in the Shrub Classification. Table 7 lists the genus, species and variety, and the common name of all the plants in the Shrub Rose Classification. Table 8 lists the genus, species and variety, and the common name of all the plants in the Vine Classification. Each page of each Table includes extra lines so that additional or favorite plants in each Classification can be added in alphabetical order as desired. Also refer to Chapters in this manual on Fruits, Landscape Grasses, Perennials, Roses and on Woody Plants and Vines for additional detailed descriptions of these and additional plants.

The plants described in this photographic Plant Identification Resource can be used as a study guide for the plant identification section of the MNLA Certification Examination. Plants described in this photographic Plant Identification Resource will be randomly selected for inclusion in the Plant Identification Section of the MNLA Certification Examination.

Information for this Plant Identification Resource was obtained from numerous excellent references which are all listed in the Reference section at the end of this Chapter. Referral to these original sources will provide additional information for improvement of plant identification knowledge.

Table 2. Genus, species, variety and common name of plants in the **Deciduous Tree Classification** included in the MNL Certification Plant Identification Resource Compact Disc (CD). These plants are to be used as a study guide and they will be randomly selected for inclusion in all Certification Examinations.

Genus, Species, Variety	Common Name	Classification
<i>Acer ginnala</i>	Amur Maple	Deciduous Tree
<i>Acer platanoides</i>	Norway Maple	Deciduous Tree
<i>Acer rubrum</i>	Red Maple	Deciduous Tree
<i>Acer rubrum</i> 'Autumn Spire'	Autumn Spire Red Maple	Deciduous Tree
<i>Acer saccharum</i>	Sugar Maple	Deciduous Tree
<i>Acer x freemani</i> 'Autumn Blaze'	Autumn Blaze Maple	Deciduous Tree
<i>Aesculus glabra</i>	Ohio Buckeye	Deciduous Tree
<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	Deciduous Tree
<i>Betula nigra</i>	River Birch	Deciduous Tree
<i>Betula papyrifera</i>	Paper Birch	Deciduous Tree
<i>Carpinus caroliniana</i>	Blue Beech (Musclewood)	Deciduous Tree
<i>Celtis occidentalis</i>	Hackberry	Deciduous Tree
<i>Cercis canadensis</i>	Eastern Redbud	Deciduous Tree
<i>Cornus alternifolia</i>	Pagoda Dogwood	Deciduous Tree
<i>Crataegus crusgalli</i> var. <i>inermis</i>	Thornless Hawthorne	Deciduous Tree
<i>Elaeagnus angustifolia</i>	Russian Olive	Deciduous Tree
<i>Fraxinus americana</i> 'Autumn Blaze'	Autumn Blaze Ash	Deciduous Tree
<i>Fraxinus pennsylvanica</i> 'Marshall's Seedless'	Marshall's Seedless Ash	Deciduous Tree
<i>Ginkgo biloba</i>	Ginkgo (Maidenhair Tree)	Deciduous Tree
<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Thornless Common Honeylocust	Deciduous Tree
<i>Gymnocladus dioica</i>	Kentucky Coffeetree	Deciduous Tree
<i>Magnolia acuminata</i>	Cucumbertree Magnolia	Deciduous Tree
<i>Magnolia stellata</i>	Star Magnolia	Deciduous Tree
<i>Magnolia x soulangiana</i>	Saucer Magnolia	Deciduous Tree
<i>Malus</i> sp. 'Prairie Fire'	Prairie Fire Crabapple	Deciduous Tree
<i>Malus</i> sp. 'Red Splendor'	Red Splendor Crabapple	Deciduous Tree
<i>Malus</i> sp. 'Snowdrift'	Snowdrift Crabapple	Deciduous Tree
<i>Malus</i> sp. 'Spring Snow'	Spring Snow Crabapple	Deciduous Tree
<i>Populus tremuloides</i>	Quaking Aspen	Deciduous Tree
<i>Prunus maackii</i>	Amur Chokecherry	Deciduous Tree
<i>Prunus virginiana</i> var. <i>melanocarpa</i> 'Canada Red'	Canada Red Cherry	Deciduous Tree
<i>Quercus bicolor</i>	Swamp White Oak	Deciduous Tree
<i>Quercus ellipsoidalis</i>	Northern Pin Oak	Deciduous Tree
<i>Quercus macrocarpa</i>	Bur Oak	Deciduous Tree
<i>Quercus rubra</i>	Red Oak	Deciduous Tree
<i>Rhamnus cathartica</i>	Common Buckthorn	Deciduous Tree
<i>Salix alba</i>	White Willow	Deciduous Tree
<i>Sorbus decora</i>	Showy Mountain Ash	Deciduous Tree
<i>Syringa reticulata</i>	Japanese Tree Lilac	Deciduous Tree
<i>Tilia americana</i>	American Linden (Basswood)	Deciduous Tree
<i>Tilia cordata</i>	Littleleaf Linden	Deciduous Tree
<i>Ulmus japonica</i> x <i>wilsoniana</i> 'Morton'	Accolade Elm	Deciduous Tree
<i>Ulmus</i> x 'Cathedral'	Cathedral Elm	Deciduous Tree

Table 3. Genus, species, variety and common name of plants in the **Evergreen Classification** included in the MNLA Certification Plant Identification Resource Compact Disc (CD). These plants are to be used as a study guide and they will be randomly selected for inclusion in all Certification Examinations.

<b>Genus, Species, Variety</b>	<b>Common Name</b>	<b>Classification</b>
<i>Abies balsamea</i>	Balsam Fir	Evergreen
<i>Abies concolor</i>	White (Concolor) Fir	Evergreen
<i>Juniperus chinensis</i> 'Gold Lace'	Gold Lace Juniper	Evergreen
<i>Juniperus chinensis</i> 'Maneyi'	Maney Juniper	Evergreen
<i>Juniperus horizontalis</i> 'Hughes'	Hughes Juniper	Evergreen
<i>Juniperus horizontalis</i> 'Blue Chip'	Blue Chip Juniper	Evergreen
<i>Juniperus procumbens</i> 'Nana'	Japanese Garden Juniper	Evergreen
<i>Juniperus sabina</i> 'Broadmoor'	Broadmoor Juniper	Evergreen
<i>Juniperus scopulorum</i> 'Medora'	Medora Juniper	Evergreen
<i>Juniperus virginiana</i> 'Grey Owl'	Grey Owl Juniper	Evergreen
<i>Larix decidua</i>	European or Common Larch	Evergreen
<i>Larix decidua</i> 'Pendula'	Weeping Larch	Evergreen
<i>Microbiata decussata</i> 'Northern Pride'	Northern Pride Microbiata	Evergreen
<i>Picea abies</i>	Norway Spruce	Evergreen
<i>Picea glauca</i>	White Spruce	Evergreen
<i>Picea glauca</i> 'Conica'	Dwarf Alberta Spruce	Evergreen
<i>Picea glauca densata</i>	Black Hills Spruce	Evergreen
<i>Picea pungens globosa</i>	Dwarf Blue Spruce	Evergreen
<i>Picea pungens</i> var. <i>glauca</i>	Colorado Blue Spruce	Evergreen
<i>Pinus cembra</i>	Swiss Stone Pine	Evergreen
<i>Pinus mugo</i>	Mugo Pine	Evergreen
<i>Pinus nigra</i>	Austrian Pine	Evergreen
<i>Pinus ponderosa</i>	Ponderosa Pine	Evergreen
<i>Pinus strobus</i>	Eastern White Pine	Evergreen
<i>Pinus sylvestris</i>	Scotch Pine	Evergreen
<i>Pseudotsuga menziesii</i> var. <i>glauca</i>	Douglas Fir	Evergreen
<i>Taxus cuspidata</i> 'Capitata'	Upright Japanese Yew	Evergreen
<i>Taxus x media</i> 'Taunton'	Taunton Yew	Evergreen
<i>Thuja occidentalis</i> 'Techny'	Techny Arborvitae	Evergreen
<i>Thuja occidentalis</i> 'Globosa'	Globe Arborvitae	Evergreen
<i>Tsuga canadensis</i>	Canadian Hemlock	Evergreen

Table 4. Genus, species, variety and common name of plants in the **Landscape Grass Classification** included in the MNLA Certification Plant Identification Resource Compact Disc (CD). These plants are to be used as a study guide and they will be randomly selected for inclusion in all Certification Examinations.

<b>Genus, Species, Variety</b>	<b>Common Name</b>	<b>Classification</b>
<i>Calamagrostis x acutiflora</i> 'Karl Foerster' ('Stricta')	Karl Foerster Feather Reed Grass	Landscape Grass
<i>Deschampsia caespitosa</i> 'Northern Lights'	Deschampsia Northern Lights Grass	Landscape Grass
<i>Festuca cinera</i> 'Elijah Blue'	Festuca Elijah Blue Grass	Landscape Grass
<i>Helictotrichon sempervirens</i>	Blue Oat Grass	Landscape Grass
<i>Miscanthus sinensis</i> 'Purpurascens'	Miscanthus Flame Grass	Landscape Grass
<i>Miscanthus sinensis</i> 'Siberfeder'	Miscanthus Silver Feather Grass	Landscape Grass
<i>Molina caerulea</i> subsp. <i>arundinacea</i> 'Skyracer'	Molina Skyracer Grass	Landscape Grass
<i>Panicum virgatum</i> 'Shenandoah'	Panicum Shenandoah Red Switch Grass	Landscape Grass
<i>Schizachyrium scoparium</i> 'Little Blue Stem'	Schizachyrium Little Blue Stem Grass	Landscape Grass
<i>Sporobolous heterolepis</i> 'Prairie Dropseed'	Sporobolous Prairie Dropseed Grass	Landscape Grass

Table 5. Genus, species, variety and common name of plants in the **Perennial Classification** included in the MNLA Certification Plant Identification Resource Compact Disc (CD). These plants are to be used as a study guide and they will be randomly selected for inclusion in all Certification Examinations.

<b>Genus, Species, Variety</b>	<b>Common Name</b>	<b>Classification</b>
Achillea 'Moonshine'	Moonshine Achillea (Yarrow)	Perennial
Anemone sylvestris	Snowdrop Anemone	Perennial
Astilbe x sp.	Astilbe	Perennial
Athyrium niponicum 'Pictum'	Japanese Painted Fern	Perennial
Bergenia cordifolia	Heart-leaved Bergenia	Perennial
Buddleia davidii x sp.	Buddleia (Butterfly Bush)	Perennial
Campanula x sp.	Campanula (Bellflower)	Perennial
Coreopsis x sp.	Coreopsis	Perennial
Delphinium elatum	Delphinium (Larkspur)	Perennial
Dicentra spectabilis	Bleeding Heart Pink	Perennial
Echinacea purpurea	Purple Coneflower	Perennial
Echinops ritro	Globe Thistle	Perennial
Eupatorium maculatum 'Gateway'	Joe Pye Weed	Perennial
Geranium x sp	Geranium (Cranesbill)	Perennial
Heliopsis helianthoides	False Sunflower	Perennial
Hemerocallis 'Pardon Me'	Pardon Me Daylily	Perennial
Hemerocallis 'Stella de Oro'	Stella de Oro Daylily	Perennial
Heuchera x sp.	Heuchera (Coral Bell)	Perennial
Hosta 'Patriot'	Patriot Hosta	Perennial
Hosta sieboldiana 'Elegans'	Sieboldiana Elegans Hosta	Perennial
Iris pseudacorus	Yellow Flag Iris	Perennial
Iris versicolor	Blue Flag Iris	Perennial
Leucanthemum x superbum 'Becky'	Becky Leucanthemum (Daisy)	Perennial
Liatris x sp.	Blazing Star (Gayfeather)	Perennial
Linum perennial	Perennial Flax	Perennial
Lupinus x sp	Lupine	Perennial
Nepeta x faassenii 'Walkers Low'	Walkers Low Nepeta (Catmint)	Perennial
Pachysandra terminalis	Japanese Pachysandra (Japanese Spurge)	Perennial
Paeonia x sp.'Felix Supreme'	Felix Supreme Peony	Perennial
Paeonia x sp.'Sarah Bernhardt'	Sarah Bernhardt Peony	Perennial
Papaver orientale	Oriental Poppy	Perennial
Penstemon digitalis 'Husker Red'	Husker Red Penstemon	Perennial
Perovskia 'Little Spire'	Perovskia (Russian Sage)	Perennial
Phlox paniculata sp.	Phlox	Perennial
Platycodon grandiflorus	Balloon Flower	Perennial
Rudbeckia 'Goldstrum'	Goldstrum Rudbeckia	Perennial
Salvia x sp.	Salvia	Perennial
Scabiosa 'Butterfly Blue'	Butterfly Blue Scabiosa	Perennial
Sedum 'Autumn Fire'	Autumn Fire Sedum	Perennial
Stachys byzantina	Lamb's Ears	Perennial
Veronica sp. 'Blue Charm'	Speedwell	Perennial
Vinca minor	Common Periwinkle (Vinca)	Perennial
Yucca filamentosa 'Ivory Tower'	Ivory Tower Yucca	Perennial

Table 6. Genus, species, variety and common name of plants in the **Shrub Classification** included in the MNLA Certification Plant Identification Resource Compact Disc (CD). These plants are to be used as a study guide and they will be randomly selected for inclusion in all Certification Examinations.

<b>Genus, Species, Variety</b>	<b>Common Name</b>	<b>Classification</b>
<i>Aronia melanocarpa</i>	Black Chokecherry	Shrub
<i>Berberis thunbergii</i> 'Emerald Carousel'	Emerald Carousel Japanese Barberry	Shrub
<i>Berberis thunbergii</i> 'Crimson Pygmy'	Crimson Pygmy Japanese Barberry	Shrub
<i>Berberis thunbergii</i> 'Golden'	Golden Japanese Barberry	Shrub
<i>Buxus</i> 'Glencoe'	Chicagoland Green Boxwood	Shrub
<i>Clethera alnifolia</i> sp.	Clethera	Shrub
<i>Cornus sericea</i> 'Isanti'	Isanti Dogwood	Shrub
<i>Cotoneaster lucidus</i>	Hedge Cotoneaster	Shrub
<i>Diervilla lonicera</i>	Dwarf Bush-honeysuckle	Shrub
<i>Euonymus alatus</i>	Winged Euonymus	Shrub
<i>Forsythia</i> sp.	Forsythia	Shrub
<i>Hydrangea arborescens</i> 'Annabelle'	Annabelle Hydrangea	Shrub
<i>Hydrangea macrophylla</i> 'Endless Summer'	Endless Summer Hydrangea	Shrub
<i>Ilex verticillata</i> sp.	Winterberry	Shrub
<i>Lonicera</i> x 'Honeyrose'	Honeyrose Honeysuckle	Shrub
<i>Philadelphus coronarius</i> 'Aureus'	Golden Mockorange	Shrub
<i>Physocarpus opulifolius</i> 'Monlo'	Diabolo Ninebark	Shrub
<i>Potentilla fruticosa</i> sp.	Potentilla	Shrub
<i>Rhododendron</i> 'PJM'	PJM Rhododendron	Shrub
<i>Rhododendron</i> x 'Lemon Lights'	Lemon Lights Azalea	Shrub
<i>Rhododendron</i> x 'Northern Lights'	Northern Lights Azalea	Shrub
<i>Rhus aromatic</i> 'Gro-Low'	Gro-Low Fragrant Sumac	Shrub
<i>Rhus typhina</i> 'Bailtiger'	Cutleaf Tiger Eyes Sumac	Shrub
<i>Ribes alpinum</i>	Alpine Currant	Shrub
<i>Sorbaria sorbifolia</i>	Ural Falsespirea	Shrub
<i>Spiraea</i> x bumalda 'Anthony Waterer'	Anthony Waterer Spirea	Shrub
<i>Spiraea</i> x bumalda 'Goldflame'	Goldflame Spirea	Shrub
<i>Spiraea</i> x vanhouttei 'Renaissance'	Vanhoutte Spirea/Bridal Wreath Spirea	Shrub
<i>Symphoricarpos albus</i>	White Snowberry	Shrub
<i>Syringa meyeri</i> palibin	Dwarf Korean Lilac	Shrub
<i>Syringa patula</i> 'Miss Kim'	Miss Kim Lilac	Shrub
<i>Viburnum dentatum</i>	Arrowwood Viburnum	Shrub
<i>Viburnum lantana</i> 'Mohican'	Mohican Viburnum	Shrub
<i>Viburnum opulus</i>	European Cranberry Viburnum	Shrub
<i>Weigela</i> sp.	Weigela	Shrub

Table 7. Genus, species, variety and common name of plants in the **Shrub Rose Classification** included in the MNLA Certification Plant Identification Resource Compact Disc (CD). These plants are to be used as a study guide and they will be randomly selected for inclusion in all Certification Examinations.

<b>Genus, Species, Variety</b>	<b>Common Name</b>	<b>Classification</b>
Rosa 'Blanc Double de Coubert'	Blanc Double de Coubert Rose	Shrub Rose
Rosa 'Carefree Beauty'	Carefree Beauty Rose	Shrub Rose
Rosa 'Champlain'	Champlain Shrub Rose	Shrub Rose
Rosa 'Charles Albanel'	Charles Albanel Shrub Rose	Shrub Rose
Rosa 'Flower Carpet'	Flower Carpet Shrub Rose	Shrub Rose
Rosa 'Morden Blush'	Morden Blush Shrub Rose	Shrub Rose
Rosa 'Nearly Wild'	Nearly Wild Shrub Rose	Shrub Rose
Rosa 'Ramblin Red'	Ramblin' Red Rose (Climber)	Shrub Rose
Rosa 'William Baffin'	William Baffin Rose (Climber)	Shrub Rose
Rosa 'Winnipeg Parks'	Winnipeg Parks Shrub Rose	Shrub Rose

Table 8. Genus, species, variety and common name of plants in the **Vine Classification** included in the MNLA Certification Plant Identification Resource Compact Disc (CD). These plants are to be used as a study guide and they will be randomly selected for inclusion in all Certification Examinations.

<b>Genus, Species, Variety</b>	<b>Common Name</b>	<b>Classification</b>
Campsis radicans	Trumpet Vine	Vine
Clematis x sp.'Jackmanii'	Jackmanii Clematis	Vine
Clematis x sp.'Henryi'	Henryi Clematis	Vine
Humulus lupulus 'Nugget'	Humulus Nugget Hops	Vine
Lonicera x brownii 'Dropmore Scarlet'	Dropmore Scarlet Honeysuckle Vine	Vine
Parthenocissus quinquefolia 'Engelmanni'	Engelmann Ivy (Virginia Creeper)	Vine
Parthenocissus tricuspidata 'Robusta'	Boston Ivy	Vine
Wisteria sinensis 'Aunt Dee'	Aunt Dee Wisteria	Vine