

# PLANT SPECIES ADATED TO MARIN COUNTY, BY PRACTICE

These lists contain plants that we have seen success with in our Marin County planting projects. **Not all of these species will be appropriate on each site.** Consider soil and site conditions, climate, and purpose. Check with local native plant nurseries for availability.

## LOW WINDBREAK (6-8')

Not all of these species will be appropriate on each site. Sample planting: double staggered line, where space permits, or single line where space is limited (10' vs. 6' width). Plants on 6' centers, double staggered line 3' apart (preferred). If single line, plant on 3' centers for rapid closure (limited space conditions).

| Low Windbreak (6-8') Example Species List |                           |
|---|---------------------------|
| Scientific Name                           | Common Name               |
| <i>Baccharis pilularis</i>                | Coyote brush              |
| <i>Corylus cornuta ssp. californica</i> * | California hazelnut       |
| <i>Frangula californica</i> *             | California coffeeberry    |
| <i>Heteromeles arbutifolia</i>            | Toyon                     |
| <i>Holodiscus discolor</i>                | Oceanspray                |
| <i>Lonicera involucrate</i> *             | Twinberry honeysuckle     |
| <i>Ribes sanguineum</i> *                 | Flowering currant         |
| <i>Rubus parviflorus/spectabilis</i> *    | Thimbleberry/salmon berry |
| <i>Sambucus nigra ssp. caerulea</i>       | Blue elderberry           |
| <i>Ceanothus thyrsiflorus</i>             | Blueblossom               |
| <i>Crataegus douglasii</i> *              | Black hawthorn            |
| <i>Diplacus aurantiacus</i>               | Sticky monkeyflower       |
| <i>Rosa californica</i> *                 | California wild rose      |
| <i>Sambucus racemosa</i> *                | Red elderberry            |
| <i>Symphoricarpos albus</i> *             | Snowberry                 |

\* Indicates shrubs and trees commonly found in riparian corridors on surrounding ranches in Marin County and that typically thrive in moist/wet sites.

## MEDIUM WINDBREAK (8-20')

Sample planting: 1st line: low windbreak; 2nd line: 6' back, medium windbreak, 6' centers.

| Medium Windbreak (8-20') Example Species List |                        |
|---|------------------------|
| Scientific Name                               | Common Name            |
| <i>Ceanothus thyrsiflorus</i>                 | Blueblossom            |
| <i>Corylus cornuta ssp. californica</i> *     | Western Hazelnut       |
| <i>Crataegus douglasii</i> *                  | Black hawthorn         |
| <i>Frangula californica</i> *                 | California coffeeberry |
| <i>Garrya elliptica</i>                       | Coast silk tassel      |
| <i>Heteromeles arbutifolia</i> *              | Toyon                  |
| <i>Morella californica</i>                    | California wax myrtle  |
| <i>Sambucus nigra ssp. caerulea</i> *         | Blue elderberry        |
| <i>Sambucus racemosa</i> *                    | Red elderberry         |

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## TALL WINDBREAK (20-50'+)

Sample planting: 1st line: low windbreak; 2<sup>nd</sup> line: 6' back, medium windbreak, 6' centers.

| List Tall Windbreak (20-50'+) Species List               |                       |
|--|-----------------------|
| Scientific Name  | Common Name           |
| <i>Acer negundo</i> *                                    | Boxelder              |
| <i>Aesculus californica</i>                              | California buckeye    |
| <i>Alnus rhombifolia</i> *                               | White alder           |
| <i>Alnus rubra</i> *                                     | Red alder             |
| <i>Ceanothus thyrsiflorus</i>                            | Blueblossom           |
| <i>Fraxinus latifolia</i> *                              | Oregon ash            |
| <i>Garrya elliptica</i>                                  | Coast silk tassel     |
| <i>Hesperocyparis macrocarpa</i> (single line temporary) | Monterey cypress      |
| <i>Heteromeles arbutifolia</i> *                         | Toyon                 |
| <i>Morella californica</i>                               | California wax myrtle |
| <i>Pseudotsuga menziesii</i>                             | Douglas Fir           |
| <i>Quercus agrifolia</i> *                               | California live oak   |
| <i>Quercus lobata</i>                                    | Valley oak            |
| <i>Salix laevigata</i> *∅                                | Red willow            |
| <i>Salix lasiandra</i> *∅                                | Pacific willow        |

|                                   |                |
|-----------------------------------|----------------|
| <i>Salix lasiolepis</i> *◇        | Arroyo willow  |
| <i>Salix sitchensis</i> *◇        | Coulter willow |
| <i>Umbellularia californica</i> * | California bay |

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◇ Note: There are many non-native willows available at nurseries that are less adapted to our county. These non-native willows readily hybridize with our native Marin species, changing local genetics. To protect our local native willow populations, plant the native species listed here.

## SILVOPASTURE

Silvopasture density will not exceed 60% canopy cover at maturity, and will vary by site.

| Silvopasture and Species Planting List |                                  |
|--|----------------------------------|
| Scientific Name                        | Common Name                      |
| <i>Aesculus californica</i>            | California buckeye               |
| <i>Fraxinus latifolia</i> *            | Oregon ash                       |
| <i>Juglans hindsii</i>                 | Northern California black walnut |
| <i>Quercus agrifolia</i>               | Coast live oak                   |
| <i>Quercus lobata</i>                  | Valley oak                       |
| <i>Salix laevigata</i> *◇              | Red willow                       |
| <i>Salix lasiandra</i> *◇              | Pacific willow                   |
| <i>Salix lasiolepis</i> *◇             | Arroyo willow                    |
| <i>Salix sitchensis</i> *◇             | Coulter willow                   |
| <i>Umbellularia californica</i>        | California bay                   |

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## RIPARIAN FOREST BUFFER, TREE AND SHRUB ESTABLISHMENT, AND HEDGEROW

Field borders will typically be approximately 40 wide; length to be determined by site. Riparian forest buffers will typically cover a 30' width from top of bank on both sides of the riparian corridor, for a total width of 60 feet or more, depending upon planting within the stream channel.

| Riparian Forest Buffers, Silvopastures and Tree and Shrub Establishment |                                  |
|---|----------------------------------|
| <i>Acer macrophyllum</i> *  | Bigleaf maple                    |
| <i>Acer negundo</i> *   | Boxelder                         |
| <i>Aesculus californica</i> +*  | Buckeye                          |
| <i>Alnus rhombifolia</i> *  | White alder                      |
| <i>Alnus rubra</i> *  | Red alder                        |
| <i>Corylus cornuta ssp. californica</i>                                 | Beaked hazelnut                  |
| <i>Cornus sericea</i> *   | American dogwood                 |
| <i>Diplacus aurantiacus</i>   | Sticky monkeyflower              |
| <i>Frangula californica</i> *   | California coffeeberry           |
| <i>Fraxinus latifolia</i> *   | Oregon ash                       |
| <i>Heteromeles arbutifolia</i> *  | Toyon                            |
| <i>Holodiscus discolor</i>  | Ocean spray                      |
| <i>Juglans hindsii</i> +  | Northern California black walnut |
| <i>Lonicera involucrate</i> *   | Coast twinberry                  |
| <i>Quercus agrifolia</i> +*   | Coast live oak                   |
| <i>Quercus lobata</i> +*  | Valley oak                       |
| <i>Quercus kelloggii</i> +*   | California black oak             |
| <i>Ribes sanguineum</i> *   | Red-flowering currant            |
| <i>Rosa californica</i>   | California wild rose             |
| <i>Rubus parviflorus/spectabilis</i> *                                  | Thimbleberry/salmon berry        |
| <i>Sambucus nigra ssp. caerulea</i>                                     | Blue elderberry                  |
| <i>Sambucus racemosa</i> *  | Red elderberry                   |
| <i>Salix laevigata</i> *◇   | Red willow                       |
| <i>Salix lasiandra</i> *◇   | Pacific willow                   |
| <i>Salix lasiolepis</i> *◇  | Arroyo willow                    |
| <i>Salix sitchensis</i> *◇  | Coulter willow                   |
| <i>Scrophularia californica</i> *                                       | California bee plant             |
| <i>Symphoricarpos albus</i> *   | Common snowberry                 |
| <i>Umbellularia californica</i> *                                       | California bay                   |

+ Indicates field border species.

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