

# AUSABLE RIVER SEED MIXES

These seed mixes have been specially curated for the Ausable River Watershed through vegetation inventories across the Ausable River by Ausable River Association staff and botanist, Steve Langdon with Borealis Consulting. Species and recommended mix percentages were determined based on the frequency of occurrence and abundance of each species as well as the cost of the species at Ernst Conservation Seeds. Read the description of each seed mix to find which one is right for your location and needs.

## HIGH ELEVATION PLANT/GRASS MIX

This seed mix was curated for locations in the Ausable River watershed above 1000ft elevation. It includes both flowering plants and grasses.

|                                       |                                 |     |
|---------------------------------------|---------------------------------|-----|
| Solidago rugosa                       | Common wrinkle-leaved goldenrod | 10% |
| Onoclea sensibilis                    | Sensitive fern                  | 10% |
| Eutrochium maculatum                  | Spotted Joe pyeweed             | 10% |
| Juncus effusus ssp. solutus           | Common soft rush                | 10% |
| Lycopus americanus                    | American water horehound        | 10% |
| Asclepias syriaca                     | Common milkweed                 | 10% |
| Carex gynandra                        | Nodding sedge                   | 8%  |
| Euthamia graminifolia                 | Common flat-topped goldenrod    | 5%  |
| Clematis virginiana                   | Virgin's bower                  | 5%  |
| Euthamia perfoliatum                  | Boneset                         | 5%  |
| Verbena hastata                       | Blue Vervain                    | 5%  |
| Calamagrostis canadensis              | Canada bluejoint                | 3%  |
| Carex scoparia                        | Blunt Broom Sedge               | 3%  |
| Solidago juncea                       | Early goldenrod                 | 3%  |
| Doellingeria umbellata var. umbellata | Flat topped white aster         | 3%  |

## HIGH ELEVATION GRASS MIX

This seed mix was curated for locations in the Ausable River watershed above 1000ft elevation. It includes only grasses.

|                             |                   |     |
|-----------------------------|-------------------|-----|
| Juncus effusus ssp. solutus | Common soft rush  | 30% |
| Carex scoria                | Blunt broom sedge | 30% |
| Carex gynandra              | Nodding Sedge     | 25% |
| Calamagrostis canadensis    | Canada bluejoint  | 15% |

Due to seasonal weather patterns and harvest amounts, nursery cost and availability of seeds in these mixes are always subject to change.

## LOW ELEVATION PLANT/GRASS MIX

This seed mix was curated for locations in the Ausable River watershed below 1000ft elevation. It includes both flowering plants and grasses.

|  |                              |     |
|--|------------------------------|-----|
| Elymus riparius                          | Riverbank Wildrye            | 15% |
| Lycopus americanus                       | American Water Horehound     | 12% |
| Eutrochium maculatum                     | Spotted Joe pyeweed          | 12% |
| Onoclea sensibilis                       | Sensitive fern               | 10% |
| Asclepias syriaca                        | Common milkweed              | 10% |
| Apocynum cannabinum                      | Indian hemp                  | 10% |
| Agrostis perennans                       | Autumn Bentgrass             | 5%  |
| Verbena hastata                          | Blue Vervain                 | 5%  |
| Eupatorium perfoliatum                   | Boneset                      | 5%  |
| Clematis virginiana                      | Virgin's bower               | 5%  |
| Doellingeria umbellata var. umbellata    | Flat topped white aster      | 3%  |
| Euthamia graminifolia                    | Common flat-topped goldenrod | 2%  |
| Calamagrostis canadensis                 | Canada Bluejoint             | 2%  |
| Solidago juncea                          | Early goldenrod              | 2%  |
| Dulichium arundinaceum var. arundinaceum | Threeway Sedge               | 2%  |

## LOW ELEVATION GRASS MIX

This seed mix was curated for locations in the Ausable River watershed below 1000ft elevation. It includes only grasses.

|  |                   |     |
|--|-------------------|-----|
| Elymus riparius                          | Riverbank Wildrye | 35% |
| Dulichium arundinaceum var. arundinaceum | Threeway Sedge    | 25% |
| Calamagrostis canadensis                 | Canada Bluejoint  | 15% |
| Agrostis perennans                       | Autumn Bentgrass  | 15% |
| Elymus canadensis var. canadensis        | Canada Wildrye    | 10% |

When you plant any plants, grasses, shrubs, or trees always makes sure that they are native to the area. Sourcing plants and trees from local nurseries will help give those species a better chance at survival because they will already be adapted to the local environment.



## POLLINATOR MIX

This seed mix was curated for locations across the Ausable River watershed. It includes only flowering plants.

|                                       |                              |     |
|---------------------------------------|------------------------------|-----|
| Eutrochium maculatum                  | Spotted Joe pyeweed          | 15% |
| Lycopus americanus                    | American Water Horehound     | 15% |
| Solidago juncea                       | Early goldenrod              | 15% |
| Asclepias syriaca                     | Common milkweed              | 15% |
| Clematis virginiana                   | Virgin's bower               | 10% |
| Verbena hastata                       | Blue Vervain                 | 10% |
| Eupatorium perfoliatum                | Boneset                      | 10% |
| Euthamia graminifolia                 | Common flat-topped goldenrod | 5%  |
| Doellingeria umbellata var. umbellata | Flat topped white aster      | 5%  |

## Riparian Trees and Shrubs

These trees and shrubs were found across the watershed during the vegetation inventories. They can be planted along streambanks to help enhance riparian buffers. These species are adapted to survive in areas with high disturbance.

|                          |                   |
|--------------------------|-------------------|
| Salix sericea            | Silky willow      |
| Cornus sericea           | Red-osier dogwood |
| Alnus incana ssp. rugosa | Speckled alder    |
| Salix petiolaris         | Meadow willow     |
| Acer rubrum              | Red maple         |
| Salix bebbiana           | Bebb's willow     |
| Spiraea alba             | Meadowsweet       |

If you have any questions about any of the seed mixes, please email [cpershyn@ausableriver.org](mailto:cpershyn@ausableriver.org)



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