



**Local water quality concerns for in-ground nursery growers:**

- ❖ Erosion from bare fields during and after winter harvest
- ❖ Degraded and non-vegetated ditches, swales, or seasonal drainage areas through fields
- ❖ Non-vegetated streamside areas
- ❖ Erosion and soil-laden runoff from field roads
- ❖ Lack of vegetated field borders causing field runoff to deposit in streams, roadside ditches, or on roads
- ❖ Irrigation induced erosion



**Ways in-ground nursery growers can address local water quality concerns:**

- ❖ Plant between-row cover crops
- ❖ Plant filter strips and field borders to keep sediment out of ditches, roads, and streams
- ❖ Use cover crops to increase soil organic matter which will reduce the erosion potential of the soil
- ❖ Plant and maintain riparian buffers along streams and grassed waterways through fields where needed
- ❖ Repair and maintain roads on a regular basis; use practices such as crowning and rolling dips to control runoff
- ❖ Convert to drip irrigation to reduce erosion, weed competition, and fertilizer costs



**As a nursery owner or manager, you can:**

- ❖ Seek technical assistance from your local soil and water conservation district (SWCD) or cooperative extension service agent to implement conservation practices
- ❖ Use conservation techniques on your own to improve water quality
- ❖ Seek financial assistance for installing conservation practices
- ❖ Share conservation information with your friends and neighbors

**For more information contact:**

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**East Multnomah SWCD**  
503-222-7645

**Marion SWCD**  
503-399-5741

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503-648-3174

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503-238-4775

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