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**High Quality Seed Production for Restoration in the Willamette Valley  
Final Report to Oregon Department of Fish and Wildlife  
OCRf 2022-2-30**

Willamette Valley prairie and oak habitats are among the most endangered ecosystems in North America – over ninety percent of upland prairie and oak woodlands and over 99% of historic wet prairies in the valley have been converted to other uses, primarily urban and agricultural. Over the last several decades, government agencies (including ODFW), non-profit organizations, and private landowners in the Willamette Valley have been working to reduce the decline of native species, recover listed species, and create an interconnected landscape of prairie and oak habitat by implementing restoration projects throughout the region. One major limiting factor to the success of these projects is the availability of diverse and ecologically appropriate native plant materials for use in these projects. In 2012, the Willamette Valley Native Plant Partnership (WVNPP) was formed to increase the availability and affordability of genetically diverse native seed for use in Willamette Valley restoration, revegetation, and recovery projects. Since 2012, the WVNPP has conducted valley-wide seed collection efforts, established 21 new Willamette Valley native seed production fields, distributed harvested seed to partners, and developed the partnership infrastructure. Throughout the course of this project timeline, January 2023 through December 2024, the WVNPP accomplished the following objectives:

- Coordinate partnership activities
  - 3 Steering Committee Meetings
  - 2 Species Selection Committee Meetings
  - Held 2 general meetings
  - Convened a Climate Change Committee to draft a proposed climate change action plan for the WVNPP; drafted plan over 3 meetings but still a work in progress.
  - Convened 3 working groups for strategic planning: Marketing, Genetics, and Goals and Objectives
  - Drafted 2025-2029 Strategic Plan with feedback from the partnership
- Maintained native seed production fields and established 3 new production fields (see Table 1):
  - 2023 Total Harvest: 465.09 pounds
  - 2024 Total Harvest: 222.03 pounds
- Finalized 2025 – 2029 Strategic Plan
- Published 4 newsletters
- Distributed 925.81 pounds of seed (see Table 2)
- Collected 0.59 pounds of wild seed for 6 species

Over the past two years, the WVNPP has made progress in achieving its vision of providing genetically diverse and ecologically appropriate seed for restoration, revegetation, and mitigation projects in the Willamette Valley. Funding through the Oregon Conservation and Recreation Fund helped advance the WVNPP's goals and objectives along with match funding from the Bureau of Land Management and the Oregon Watershed Enhancement Board.



Conserving native species and habitats through  
restoration, research, and education

Table 1. Native seed production yields 2023-2024

Species name	Common Name	2023 Yield (lbs)	2024 Yield (lbs)	Total
<i>Acmispon americanus</i>	Small flower lotus	158	33.2	191.2
<i>Allium amplexans</i>	Narrowleaf onion	5.54	7.02	12.56
<i>Calochortus tolmiei</i>	Tolmie's mariposa lily	1.98	2.47	4.45
<i>Camassia leichtlinii</i>	Great camas	15.3	27.4	42.7
<i>Camassia quamash</i>	Common camas	12.8	16.3	29.1
<i>Carex tumulicola</i>	Field rush	7.5	20	27.5
<i>Eriophyllum lanatum</i>	Oregon sunshine	NA	16.3	16.3
<i>Iris tenax</i>	Oregon iris	172.25	85.8	258.05
<i>Lomatium nudicaule</i>	Barestem Lomatium	91.72	NA	91.72
<i>Madia elegans</i>	Common Madia	0	6.74	6.74
<i>Pyrrocoma racemosa</i>	Clustered goldenweed	0	6.8	6.8
<b>Totals</b>		<b>465.09</b>	<b>222.03</b>	<b>687.12</b>

Table 2. Total native seed distributed 2023-2024.

Species name	Common Name	2023 Distribution (lbs)	2024 Distribution (lbs)	Total
<i>Achillea millefolium</i>	Yarrow	4.8	SOLD OUT	4.8
<i>Acmispon americanus</i>	Small flower lotus	60.09	116.89	176.98
<i>Allium amplexans</i>	Narrowleaf onion	3.33	11.47	14.8
<i>Calochortus tolmiei</i>	Tolmie's mariposa lily	1.86	2.74	4.6
<i>Camassia leichtlinii</i>	Great camas	2.34	15.2	17.54
<i>Camassia quamash</i>	Common camas	5.75	16.4	22.15
<i>Carex tumulicola</i>	Field rush	4.14	3	7.14
<i>Epilobium densiflorum</i>	Willowherb	96.69	86.85	183.54
<i>Eriophyllum lanatum</i>	Oregon sunshine	41.38	3.56	16.3
<i>Iris tenax</i>	Oregon iris	44.09	57.1	101.19
<i>Lomatium nudicaule</i>	Barestem lomatium	53.01	159	212.01
<i>Potentilla gracilis</i>	Slender cinquefoil	53.27	SOLD OUT	53.27
<i>Prunella vulgaris</i>	Selfheal	60.19	56.1	116.29
<i>Sidalcea virgata</i>	Rose checkermallow	44.89	SOLD OUT	44.89
<i>Solidago lepida</i>	Western goldenrod	73.6	17.8	91.4
<b>Totals</b>		<b>426.14</b>	<b>528.31</b>	<b>925.81</b>