



Environmental & Conservation Seed Committee



SEED WAREHOUSE STRATEGY VISION AND MISSION

Vision



The right seed in the right place at the right time

Mission



To ensure the availability of genetically appropriate seed to restore viable and productive plant communities and sustainable ecosystems



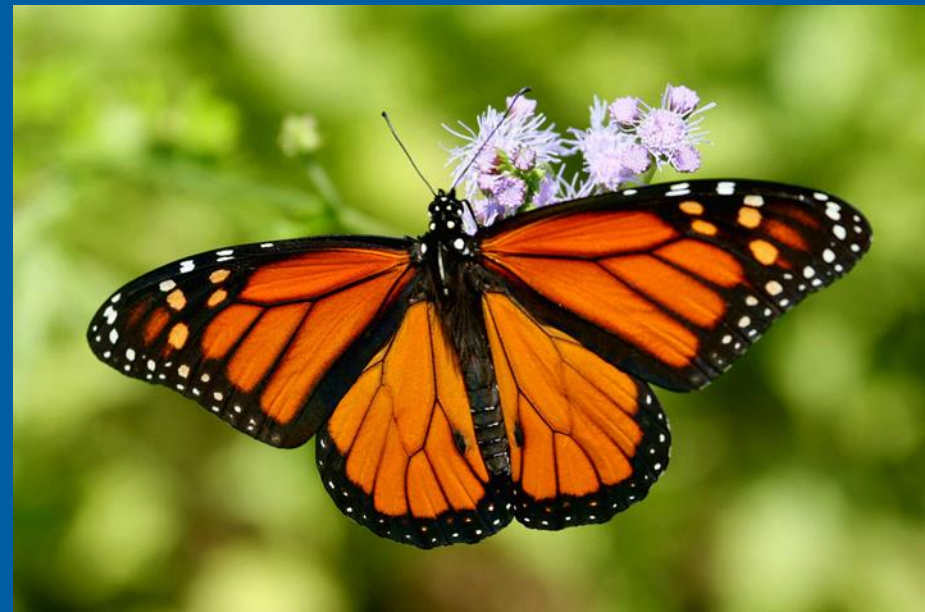
New Plant Material Policy Related to BLM Seed Strategy

Secretarial Order No. 3336:

- Enhanced policies and strategies for preventing and suppressing rangeland fire and for restoring sagebrush landscapes impacted by fire across the West

Presidential Memo on Pollinators:

- Establish a reserve of native seed mixes, including pollinator-friendly plants, for use in restoration and post-fire rehabilitation



Strategic Goals of the National Seed Warehouse System

- **Provide Quality Seed**
 - **Increase Storage Capacity and Seed Availability**
 - **Increase Seed Buying Capacity**
 - **Increase Communications & Customer Service to the Field**
- 

Seed Storage Capacity Updates Progress to Meet 2.1 Million lbs & Even More is Needed

New Compliant Rack System with Narrow Isle Configuration - Awarded for Delivery in 2017

New Articulating Forklift is in Process of Getting Awarded

Office Repair Contract in Process of Getting Awarded

Ely Warehouse was Relatively Operational in Receiving Seed this Fall

- **Now Working to increase Staffing to Include Summer/Fall/Winter Crew**

Still Working to Get an Operational Mixer

Ely



Boise



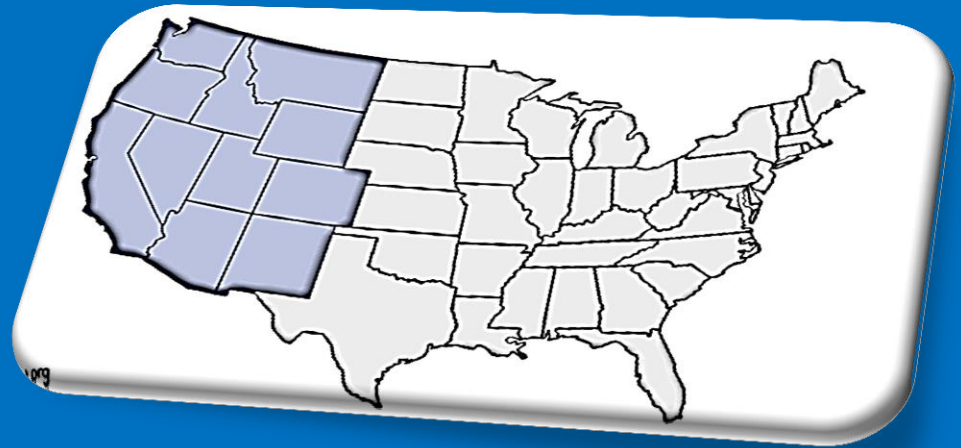
Recent Increased Seed Buying Capacity



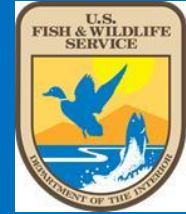
- FY 2016 - 3 Seed Buys per Year (60 to 90 Days Long)
 - Extended from (15 to 210 Days)
- Increased Storage Allows
 - Ability to Increase the Number of Types of Seed (FY2016 – 218 Types out of 382 Lots)
- Total Working Capital Funds Budget of \$11.8M

Who are the Customers?

- 40 BLM Field Offices in 11 Western States
- BLM Programs
(ES&R, Fuels, HLI, Range, and Wildlife)



- Partners with cooperative agreements



SEEDS
OF
SUCCESS

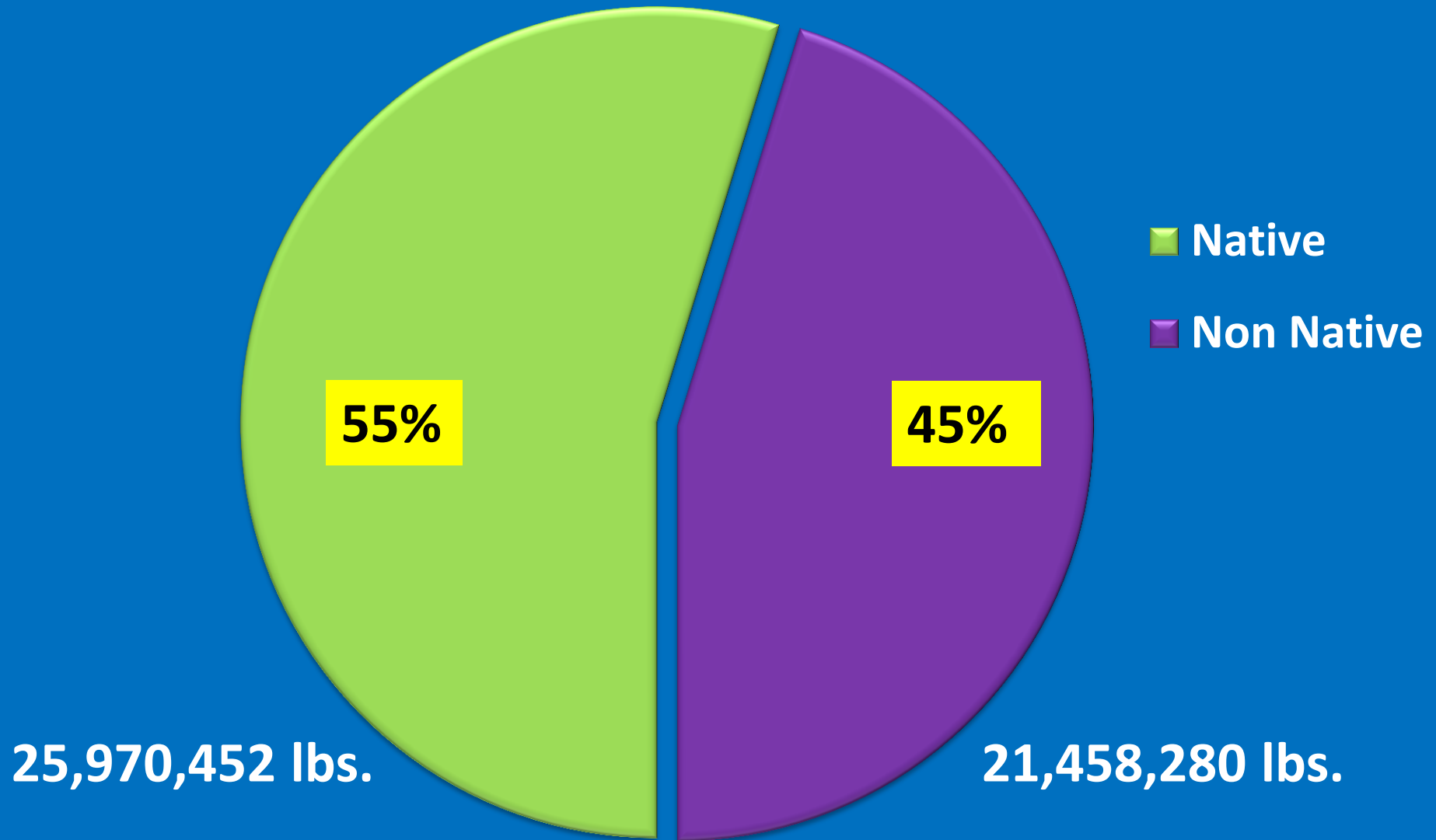
BLM Consolidated Seed Buy 1996-2016

Total Expenditure
\$254,452,928

43 Million LBS
Purchased

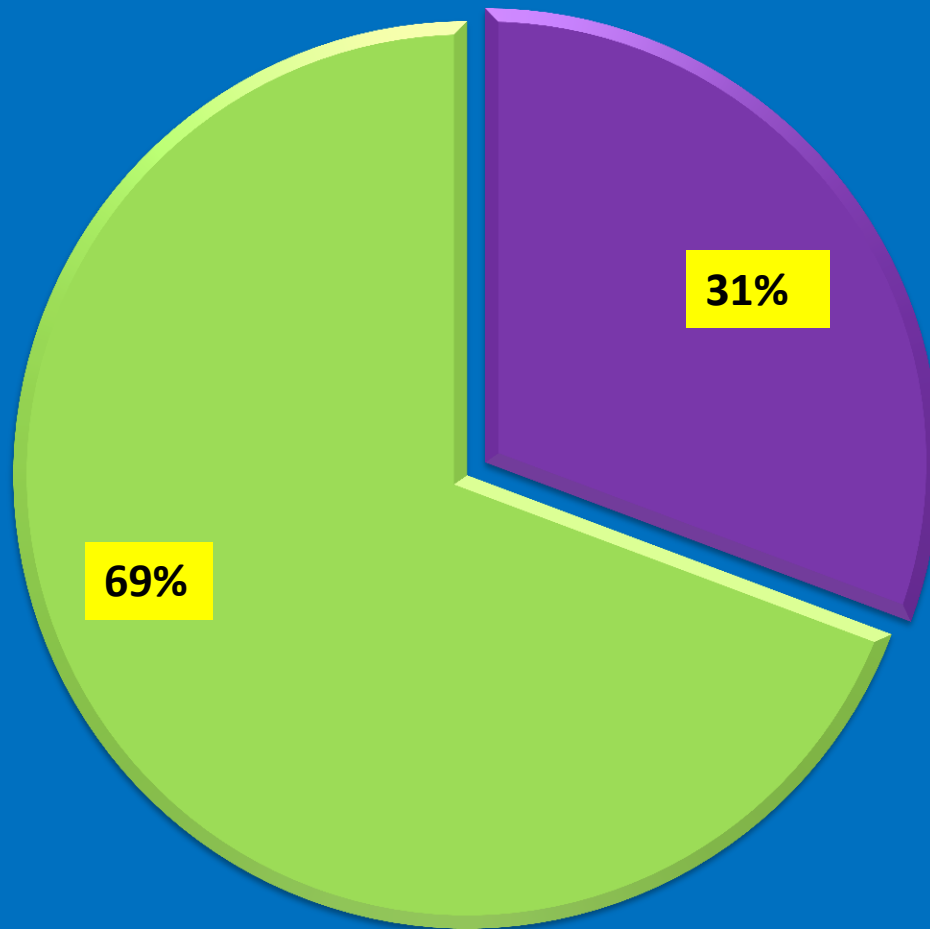
BLM Consolidated Seed Buy 1998 -2016

Native vs Non-Native



3 year Summary 2013-2016

Sales

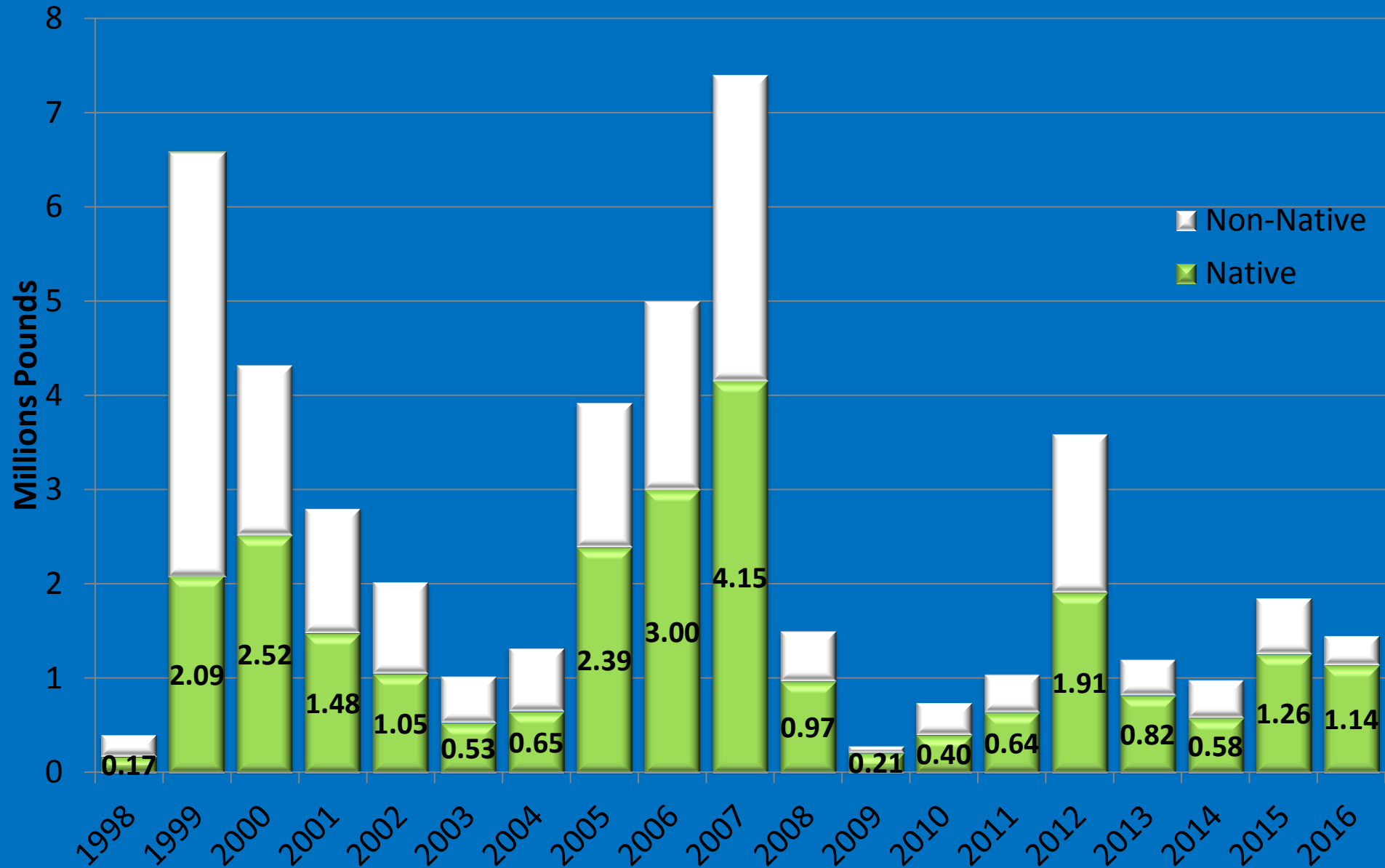


NON-NATIVE

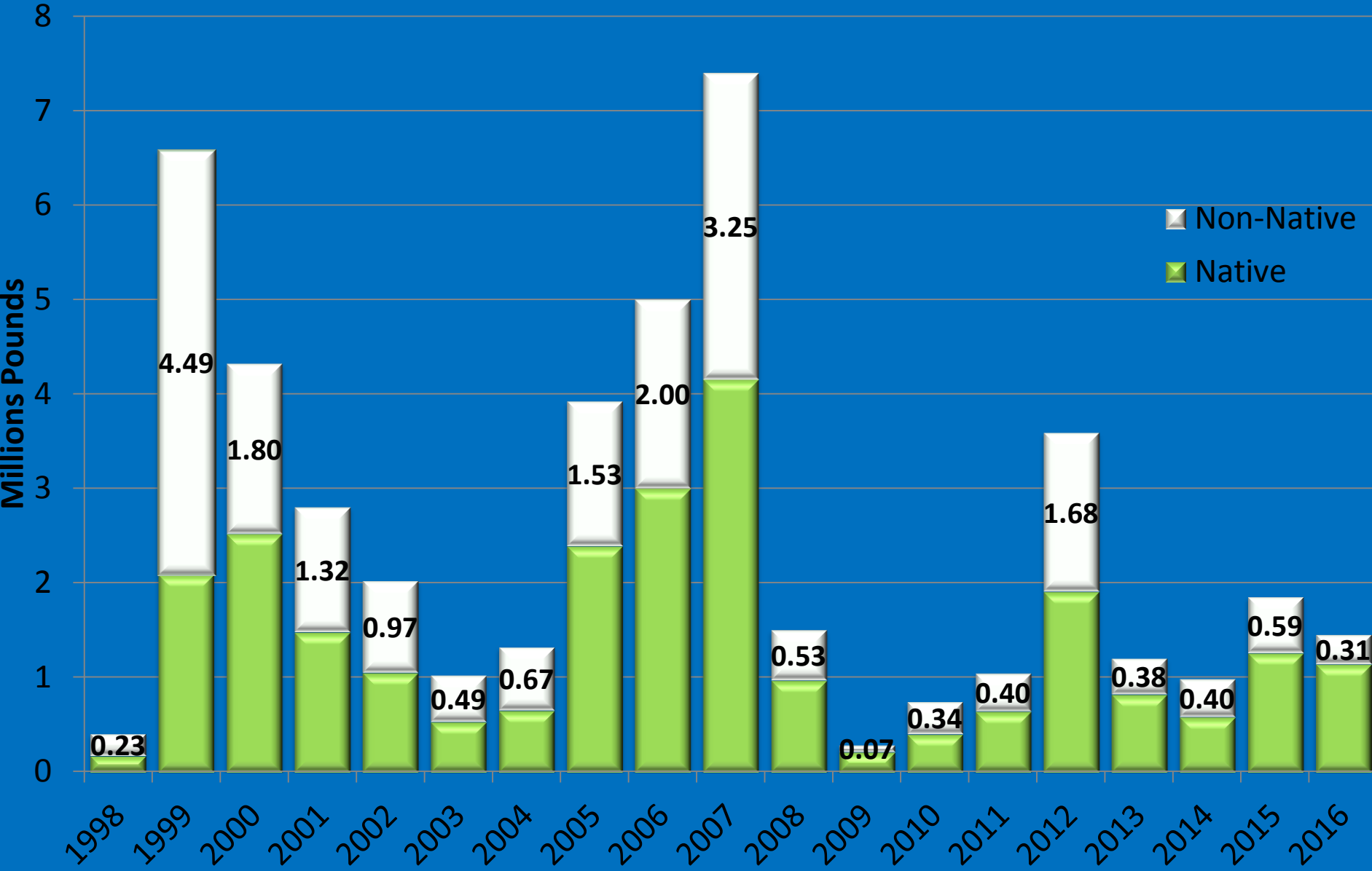
NATIVE

NON-NATIVE	NATIVE
1,688,280	3,810,452
31%	69%

BLM Consolidated Seed Buy 1998-2016 Native

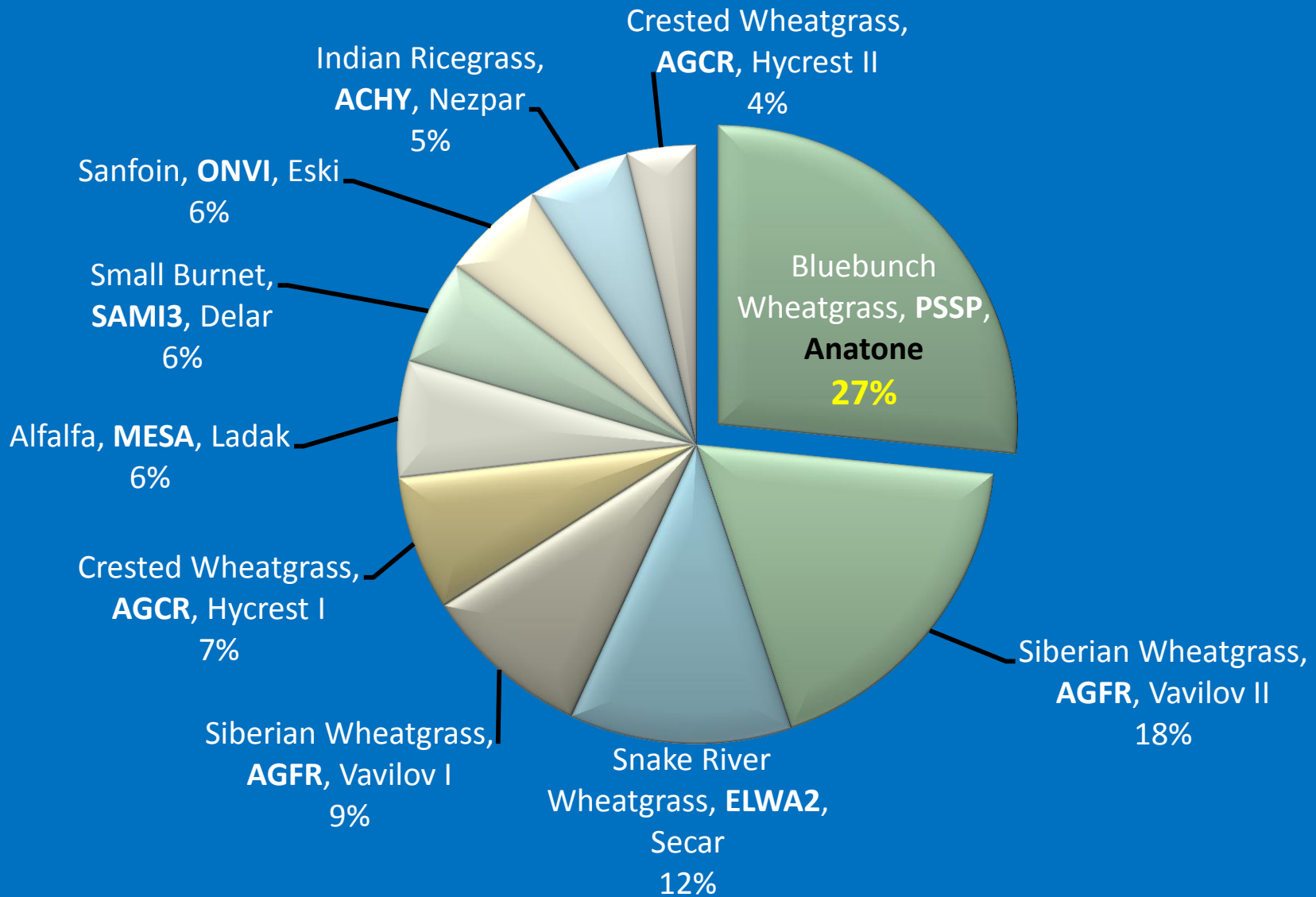


BLM Consolidated Seed Buy 1998-2016 Non-Native



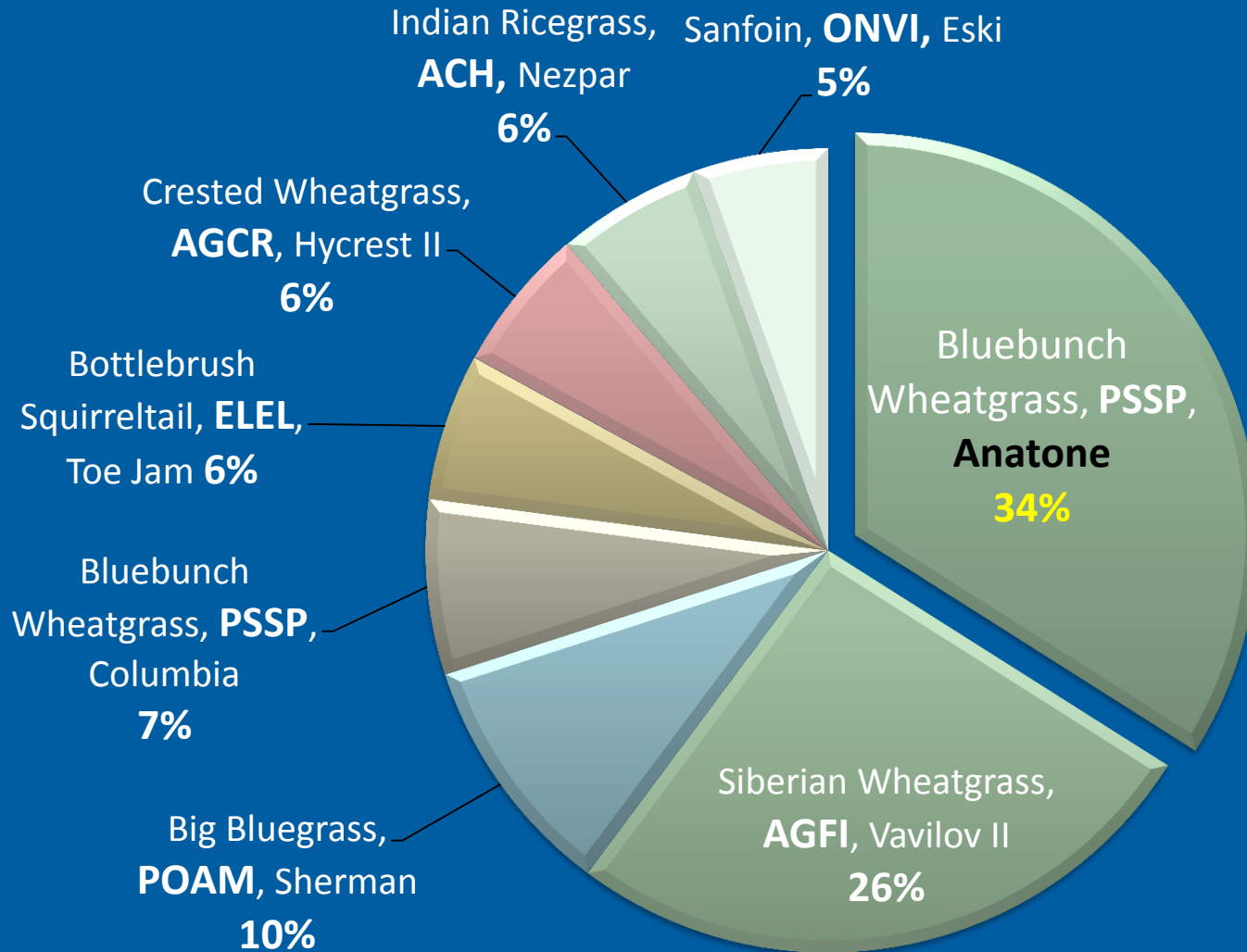
5 year Summary 2010-2015

Top 10 Seed Types ordered for projects



3 year Summary 2013-2016

Top 10 Seed Types ordered for projects



Updates & Upcoming Efforts

- **BLM Ad-hoc Working Group to Develop and Integrate the Omernick Level III Ecoregion and Provincial Seed Transfer Zone Methodology with current Source Identification Specifications for Sagebrush Species and/or Varsity**

Provisional and Empirical Seed Transfer Zone Map:

http://fs.bioe.orst.edu/web_maps/Seed_Zones.htm

Great Basin Native Plant Project Priority Forbs List

- This list was developed to meet new policy goals and objectives for restoration and rehabilitation in the Great Basin
- Major objectives of this group are to improve the availability of native plant materials and to provide the knowledge and technology required for their use in restoring diverse native plant communities across the Great Basin. More than 20 federal, state, and private cooperators are involved in this project.

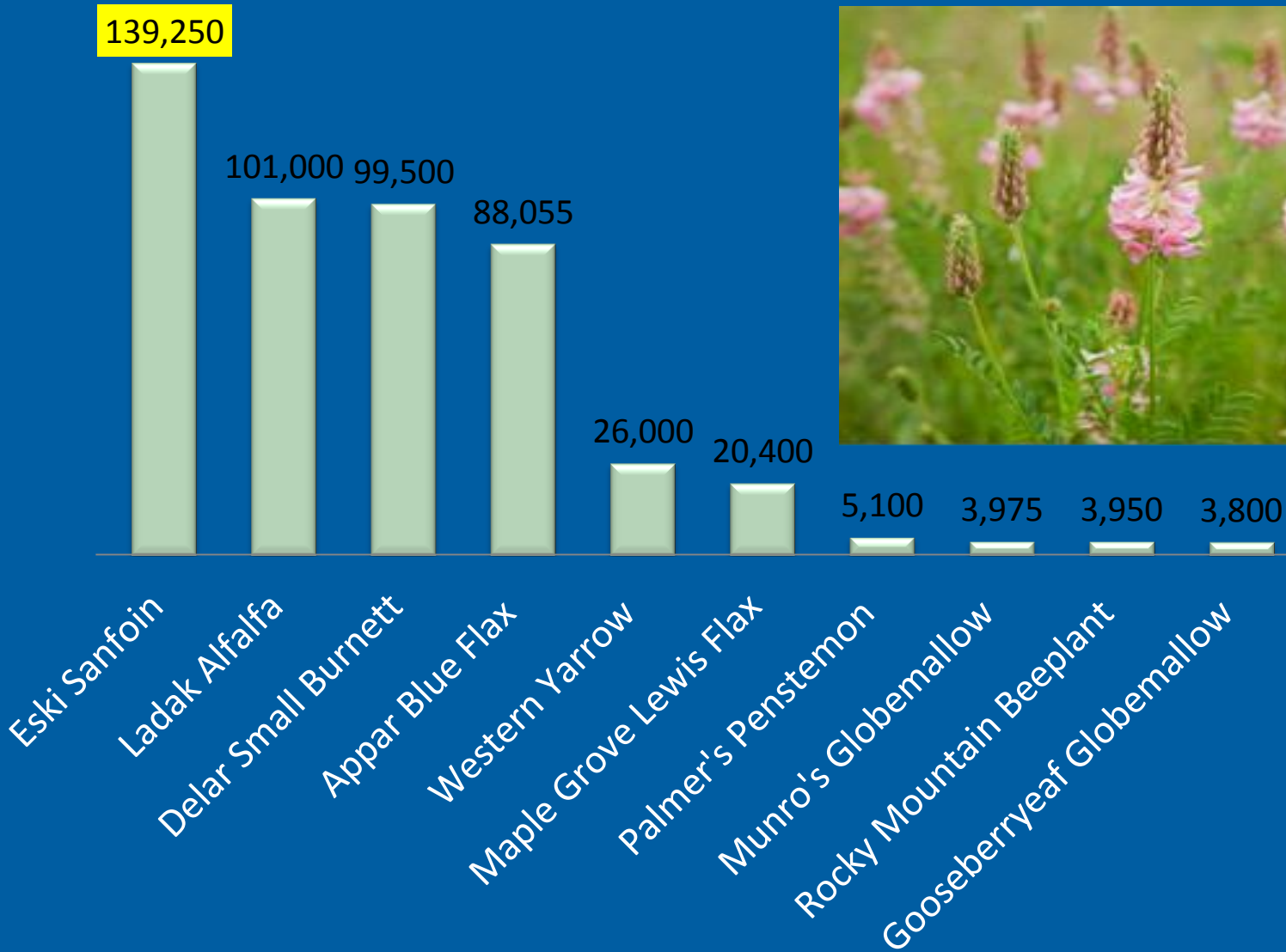


PRIORITY GREAT BASIN FORBS FOR SEED PRODUCTION



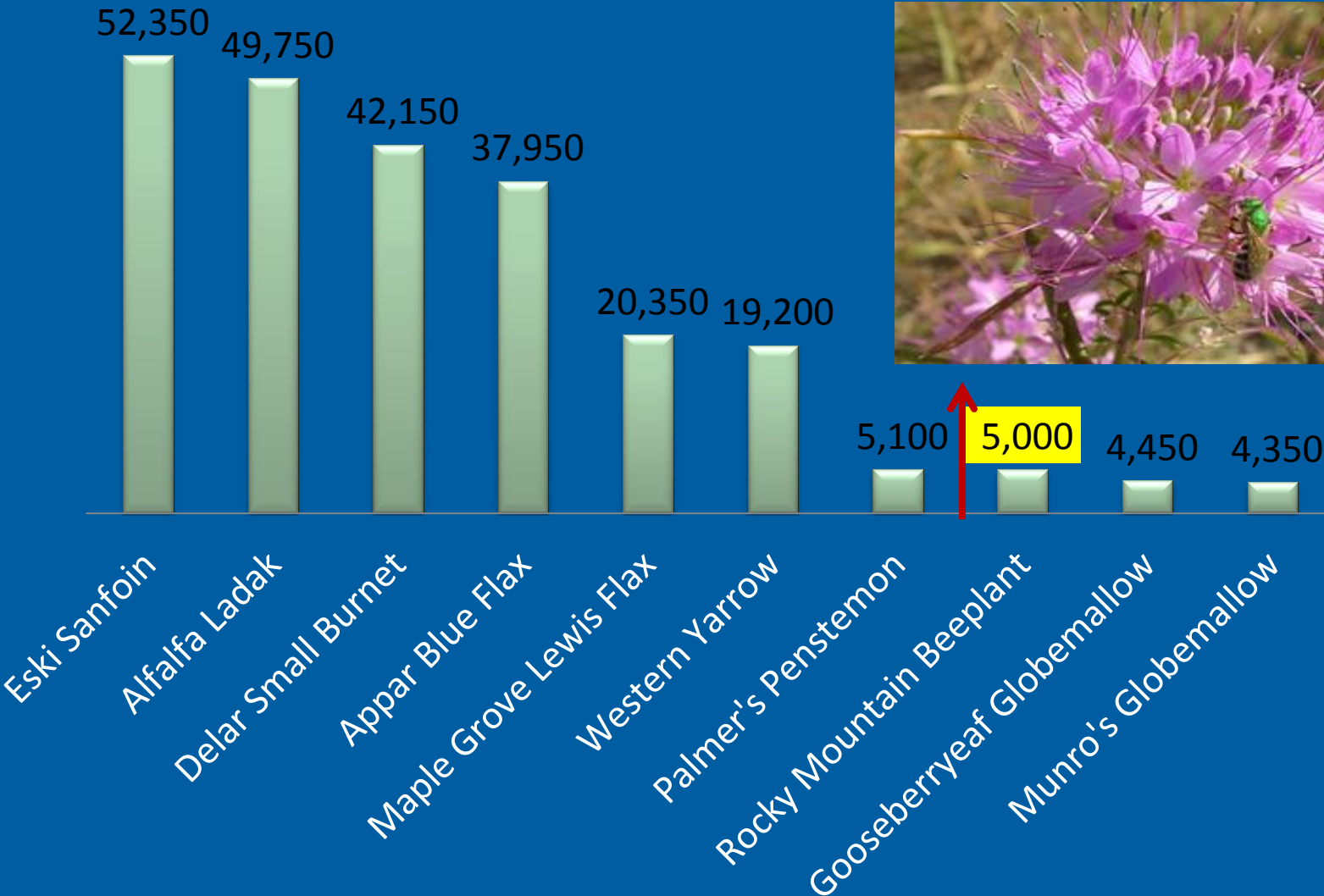
5 year Summary 2010-2015

Top 10 Forbs ordered for projects



3 year Summary 2013-2016

Top 10 Forbs ordered for projects



Pounds

SEED INVENTORY & PRICE SHEET

EXAMPLE

National Seed Warehouse System Inventory

*(SI) = Source Identified Plant Material

(SI) means (Collected from Field location or farm produced from a source Field location)

Call the Warehouses for specific (SI) locations Boise 208-384-3277 and Ely 775-289-3461

All other Seed Types are either Native or Non Native Cultivars

See: Seed Tag Illustrations at the end of the list

See seed tag illustrations at the end of the list

FBMS Material #	RSW INVENTORY DATE OCTOBER 2, 2016	MOVING AVERAGE PRICE PER LB	STOCK QTY LB	BLM MIN PLS
200171	ALFALFA, MESA, LADAK	\$ 2.73	12,250	0.8100
200246	BALSAMROOT, ARROWLEAF, BASA3, (SI)	\$ 33.91	850	0.4200
200250	BEEPLANT, ROCKY MOUNTAIN, CLSE, (SI)	\$ 17.76	2,164	0.7600
200050	BEEPLANT, YELLOW, CLLU2, (SI)	\$ 20.00	-	0.7600
200259	BISCUITROOT, FERNLEAF, LODI, (SI)	\$ 46.03	1,062	0.4500
200269	BITTERBRUSH, ANTELOPE, PUTR2I, (SI)	\$ 24.45	4,632	0.7700
200144	BITTERBRUSH, DESERT, PUGL2, (SI)	\$ 22.50	100	0.7700
200251	BLACKBRUSH, CORA, (SI)	\$ 15.53	800	0.5400
207814	BLUEGRASS, POAL, ALPINE	\$ 14.00	-	0.7200
200020	BLUEGRASS, BIG, POSE, SHERMAN	\$ 11.59	5,125	0.7200
200085	BLUEGRASS, CANBY'S, POSE, CANBAR	\$ 4.12	9,850	0.7200

Seed Buy Request Form

<div> <div>Example Project Seed Request Form</div> <div> <div>Boise Regional Seed Warehouse 208-384-3277 or Ely Regional Seed Warehouse 775-289-3483</div> <div>Issue:</div> </div> </div>					
<div> <div>ID, OR, WA, MT, WY, CO Email this form to Rico</div> <div>rgalvan@blm.gov</div> </div>		<div> <div>AND Derek</div> <div>dconn@blm.gov</div> </div>		<div> <div>NV, UT, AZ, NM, CA Email this form to Eric Livermore</div> <div>elivermore@blm.gov</div> </div>	
Requestor:		Project Name:		Funding	
District/Field Office:		Additional Information:		10 Digit: Cost Center	LLCOM00000
Work Phone:				15 Digit: Functional Area	LF3100000JM0000
Cell Phone:				12 Digit: WBS	LFHFPJ020000
Office Address:		Delivery Address:	(XXX or 15X): Source Year Funding		
Request Date:		Required Delivery Date:	Budget Officer Signature: (Only if a MO is needed) End of Fiscal Year		
IS THE RSW MIXING THE SEED?	YES	ACRES (for mix only)			

EVERY LINE MUST BE FILLED OUT OR THE REGIONAL SEED WAREHOUSE WILL CONSIDER THE ORDER VOID.

[illegible]

REFER TO THE CURRENT INVENTORY SHEET FOR REQUIRED INFO. Stock number, Species, and Price

Total Pounds	630	
Total Cost of Seed	\$5,954.50	
RSW Surcharge	25 per lb	\$157.50

Links

- Provisional and Empirical Seed Transfer Zone Map:

http://fs.bioe.orst.edu/web_maps/Seed_Zones.htm1

- Fedconnect Solicitation Seed Buy Contracts:

https://www.fedconnect.net/FedConnect/PublicPages/PublicSearch/Public_Opportunities.aspx

- BLM ESR Sharepoint Site:

<http://teamspace/sites-wo/wo200/esr/default.aspx>

Questions & Contact Info



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- Ricardo Galvan, Admin Seed Specialist, National Seed Warehouse System
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- Derek Conn, OPS Manager, Boise Regional Seed Warehouse
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- Jim Andrews, OPS Manager, Ely Regional Seed Warehouse
jandrews@blm.gov 775-289-3483