

Echelon

Dactylis glomerata



DLF's latest generation of orchard grasses, has its genetic roots in selection for the harsher North American climate. Selections on the initial material for adaptation to harsh climates, disease resistance, persistence and yield were made at the DLF research stations in Kentucky and Southern France. The result is a maturity range of well adapted, high yielding orchard grass varieties; Echelon represents the late maturity.



Key Features

- **Late Maturity**
- **Excellent Persistence and Vigor**
- **Superior Leaf Disease Resistance**
- **High DM Production**
- **High Feed Quality**

Echelon is very suitable for hay production, silage and grazing. It is a broadly adapted variety, for inclusion in mixtures anywhere orchardgrass is used. Its late maturity guarantees a high forage quality over a longer growing period, offering a more flexible harvest time. When combined with alfalfa, high forage quality is maintained from a 2-4 cut management system.

Maturity spread compared to other known varieties:

Orchardgrass Maturity Index

Traditional Classification	Early	Medium	Late	Later	Even Later
	Ambassador	Amba	Endurance	Niva	Athos
	Olathe	Orca	Inavale		Sparta
	Potomac	Paiute	Pennlate		Echelon
			Latar		

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WI State University | 2014-2016 DM yield in t/a - 2013 seeding

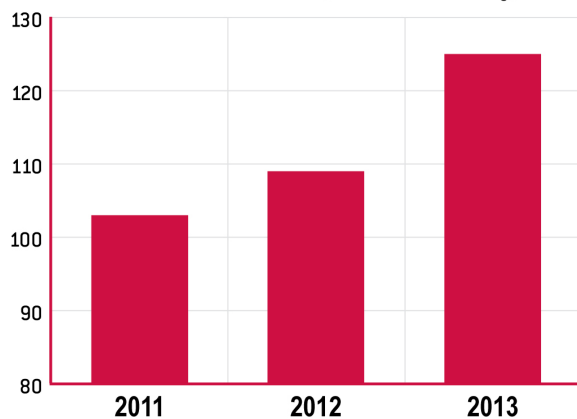
Variety	2016	2015	2014	3yr Total	% of Standard
Inavale	4.88	8.08	5.04	18.01	105%
IS-OG 61	4.53	7.62	5.73	17.88	104%
Echelon	3.72	8.56	5.39	17.68	103%
Elsie	3.84	7.56	6.04	17.44	102%
IS-OG 62	3.68	8.28	5.23	17.19	100%
Potomac	4.36	8.03	4.75	17.14	100%

Yield Stability

Echelon is very persistent as evidenced by the improving DM yield compared to trial mean in a Penn State Univ trial. Same persistency was proven in a 2011-2013 trial at Univ of WI: Echelon DM yield was 119% of trial mean in third year of the trial.

Echelon Yield Stability

Total DM as % of trial mean (Penn State University)



Penn State University | 2011-2013 yield

Variety	2011	2012	2013	3yr Total	% of Standard
Echelon	5.42	5.77	7.14	18.33	113%
Dividend VL	5.10	6.03	6.61	17.74	109%
Barlego	5.07	5.32	6.71	17.11	105%
RAD-LCF25	5.57	5.26	6.24	17.07	105%
Pennlate	5.06	5.67	5.09	15.81	97%
Potomac	5.69	5.21	4.68	15.58	96%
Tucker	4.99	4.68	4.64	14.31	88%
GRAND MEAN	5.24	5.28	5.73	16.24	100%
CV%	8.76	8.80	13.5	9.56	
LSD (p=0.05)	0.64	0.89	1.14	1.95	