






# Peat soil suitability

Besides focusing on high yields, rust resistance and forage quality, DSV also pays attention to remarkable persistency and special ability to cope with peat soils. The special perennial ryegrass varieties, which are rewarded with an M in Germany, are the icing on the cake of DSV's variety portfolio.

The peat soil suitability is tested at several locations in North Germany, where the varieties have to prove outstanding ground cover and winter hardiness on these low land locations. In special trials, the ground cover of the first, third and last emergence as well as the winter hardiness are evaluated for three years by an independent official body. The award M is only given to the very best varieties and proves their peat soil and low pH suitability in combination with higher persistency and good spring growth. Surviving the harsh conditions at the test locations as well as the very low ph level (below 5) show that these varieties are really able to grow in non-perennial ryegrass-friendly neighbourhoods, not only under German conditions but at all other locations with rather difficult and wet conditions on mineral and peat soils.

## DSV's top perennial ryegrass varieties in COUNTRY

	Variety	Milk Index	Peat soil suitability	Ploidy	Yield	Sward density	Winter hardiness	Rust resistance	Persistency	Forage quality	National listing/ Official recommendation
early	KARATOS		M	t	4	4	4	4	4	3	DE, RU
	MIRTELLO		M	t	4	4	4	5	5	3	AR, BE, DE, LU
inter	EUROCONQUEST		M	t	4	4	5	4	4	5	DE
	EXPLOSION		M	t	5	4	5	5	4	5	DE, NL, UK
	ARELIO		M	d	4	4	4	3	4	4	DE, EC, NL, RU, UK
	ASTONHOCKEY		M	t	4	4	4	3	5	4	BE, DE
	BOTOND			t	4	4	4	4	5	4	DE
	TRIVOS			t	4	4	4	4	5	3	CH, CO, DE, EC, LU, NL, RU, UA
	LIDELTA			t	4	4	4	3	5	3	DE
	ALLIGATOR			t	5	4	5	3	5	2	AT, CH, DE, LU
	VALERIO		M	t	5	4	5	4	5	4	BE, DE, RU, UK
	KAIMAN			d	5	4	3	4	4	5	DE, NL
late	SHERLOCK		M	t	4	4	4	5	4	3	DE
	HURRICANE			t	5	4	3	4	4	4	DE, FR, LU, NL, UK
	CHEVALIER		M	t	5	4	4	4	4	3	DE
	ROSSIMONTE			d	5	4	3	3	4	4	DE, NL
	ARNANDO			d	4	4	4	4	3	3	DE, NL
	YOUPI			t	4	4	4	5	4	5	DE, FR, NL, UK

Range: 1-5 (5=best); breeders classification