

1) Species selection - grasses

1 – excellent 2 – good 3 – acceptable 4 – not suitable	Way of utilization		Frequency		Earliness		Longevity			Fertilization (fertility of site)			Soil			Climate (site)		
	cut	graze	low	high	early	late	short time	temporary	perennial	low	medium	high	sandy	silt	clay	warm, arid	medium	humid, cold,
<i>Alopecurus pratensis</i>	1	4	2	1	1	4	4	3	1	4	2	1	2	1	1	4	2	1
<i>Arrhenatherum elatuis</i>	1	4	1	3	1	3	1	2	3	3	2	1	1	1	2	2	1	2
<i>Dactylis glomerata</i>	1	1	3	1	1	3	1	1	1	4	2	1	1	1	2	1	1	2
<i>Festuca arundinacea</i>	1	1	3	1	1	2	3	1	1	3	1	1	1	1	1	1	1	1
<i>Festuca pratensis</i>	1	1	1	2	1	2	1	1	2	3	1	2	1	1	1	3	1	1
<i>Festuca rubra</i>	1	1	1	2	1	1	4	2	1	1	1	2	1	1	1	1	1	1
<i>Festulolium L</i>	1	2	2	1	1	2	1	3	4	4	2	1	2	1	1	2	1	2
<i>Festulolium F</i>	1	1	2	1	1	2	1	1	1	3	1	1	1	1	1	1	1	1
<i>Lolium multiflorum</i>	1	2	2	1	1	2	1	4	4	4	2	1	2	1	2	2	1	3
<i>Lolium perenne</i>	2	1	2	1	1	1	1	1	1	4	1	1	2	1	2	2	1	3
<i>Phleum pratense</i>	1	2	1	2	3	1	1	1	2	3	1	1	2	1	1	3	1	1
<i>Poa pratensis</i>	1	1	1	1	1	1	4	3	1	2	1	1	1	1	1	1	1	1
<i>Trisetum flavescens</i>	1	2	1	2	1	2	2	1	2	1	1	2	1	1	1	1	1	1

1) Species selection - legumes

1 – excellent 2 – good 3 – acceptable 4 – not suitable	Way of utilization		Frequency		Earliness		Longevity			Fertilization (fertility of site)			Soil			Climate (site)		
	cut	graze	low	high	early	late	short time	temporary	perennial	low	medium	high	sandy	silt	clay	warm, arid	medium	cold, humid
<i>Lotus corniculatus</i>	1	1	1	2	1	1	4	1	1	1	1	4	1	1	1	1	1	3
<i>Medicago lupulina</i>	1	1	1	2	1	1	2	1	3	1	1	4	1	1	1	2	1	2
<i>Medicago sativa</i>	1	2	1	1	1	2	1	1	2	2	1	2	2	1	1	1	1	4
<i>Onobrychis viciifolia</i>	1	3	1	3	2	1	1	1	3	2	1	2	1	1	1	1	1	3
<i>Trifolium pratense</i>	1	2	1	1	1	1	1	3	3	1	1	2	2	1	2	3	1	1
<i>Trifolium repens</i>	3	1	2	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1
<i>Trifolium hybridum</i>	1	2	1	1	1	1	1	3	3	1	1	2	2	1	1	4	2	1

Rules for mixture creation

2) Composition of forage groups & species number:

Description	Longevity (years)	Species number	% ratio of legumes	% ratio of bunch grasses	% ratio of rhizomatous grasses
Short time stand	1 - 3	2 - 3	50 - 80	20 - 50	0
Temporary meadow	3 - 6	3 - 5	20 - 40	60 - 80	0
Perennial meadow	7 and more	4 - 7	10 - 20	50 - 70	10 - 30
Perennial pasture	7 and more	5 - 8	20 - 30	30 - 50	20 - 40

Rules for mixture creation

3) Assessment of sowing rate:

This value is derived from % ratio of species in the mixture and sowing rate per hectare in the pure culture.

Grasses	Pure sowing rate	Legumes	Pure sowing rate
<i>Alopecurus pratensis</i>	30	<i>Lotus corniculatus</i>	15
<i>Arrhenatherum elatuis</i>	50	<i>Medicago lupulina</i>	15
<i>Dactylis glomerata</i>	20	<i>Medicago sativa</i>	20
<i>Festuca arundinacea</i>	35	<i>Onobrychis viciifolia</i>	200
<i>Festuca pratensis</i>	30	<i>Trifolium pratense</i>	20
<i>Festuca rubra</i>	25	<i>Trifolium repens</i>	15
<i>Festulolium, Lolium ssp.</i>	30	<i>Trifolium hybridum</i>	15
<i>Phleum pratense</i>	15		
<i>Poa pratensis</i>	20		
<i>Trisetum flavescens</i>	25		