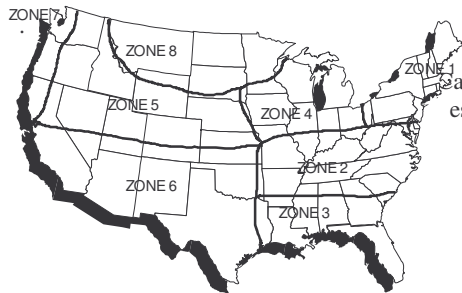


# Specific Application Recommendations Using Improved Cool Season Forage Varieties and Mixes

Pasture Perfect® Mixes	Growing Zone	Min. Fertility	pH	SOIL TOLERANCE		Maturity	Hill Land Pasture	Crop Land Pasture	Silage/ Greenchop	Hay	Controlled Grazing	Set Stock	Grazing Use	Straight Seeding	Comments
				Drought	Wet Soil										
<b>Show Horse</b> Pasture Perfect® Mixture	1,2,4 5,6,7	M	5.7-7.5	Mod.	Mod.	Med-Late	G-E	E	E	E	E	E	B,D,H, S, R	30-50#/ acre	Great mix for enduring pasture. High feed value.
<b>Managed Intensive Grazer Mix</b> Pasture Perfect® Mixture	1,2,4 5,6,7	M-H	5.7-7.5	Low	Mod.	Med-Late	G-E	E	E	E	E	E	B,D,H, S, R	30-40#/ acre	Formulated for intensive grazing; yet works well for hay. High energy mix for top Animal production.
<b>Renovator Special</b> Pasture Perfect® Mixture	1,2,3,4 5,6,7	M-H	5.7-7.5	Low	Mod.	Medium	F-G	G-E	E	F	E	E	B,D,H, S, R	30-40#/ acre	Designed for renovating pastures. Fast-growing, easy establishment.
<b>Multi Purpose</b> Pasture Perfect® Mixture	1,2,4 5,6,7	M	5.5-8.0	Mod.	Mod.	Medium.	G-E	E	G-E	E	E	E	B,D,H, S, R	30-40#/ acre	Tall fescue, orchardgrass, and ryegrass for all-purpose grazing.
<b>Multi Purpose Plus</b> Pasture Perfect® Mixture	1,2,4 5,6,7	M	5.5-8.0	Mod.	Mod.	Medium.	G-E	E	G-E	E	E	E	B,D,H, S, R	30-40#/ acre	Multi-purpose plus festulolium, trefoil, and ladino clover.
<b>Tonga Tetraploid</b> Perennial Ryegrass	1*, 2, 4* 5*, 6, 7	M-H	5.7-7.5	Low	Mod.	Early.	F-G	G-E	E	G	E	E	B,D,H, S, R	30-40#/ acre	Danish bred variety. High yield, high sugar content, winter hardy.
<b>Feast II Tetraploid</b> Annual Ryegrass	1*,2,3,4*, 5*, 6,7,8*	M-H	5.7-7.5	Low	Mod.	Late	F-G	G-E	E	G	E	E	B,D,H, S, R	30-40#/ acre	Late maturity and high yield. Low persistence. 1-2 yrs harvest.
<b>Fantastic Diploid</b> Annual Ryegrass	1*,2,3,4*, 5*, 6,7,8*	M-H	5.7-7.5	Low	Mod.	Early	P-F	G-E	E	G	E	E	B,D,H, S, R	30-40#/ acre	Early maturity and high yield. Low persistence. 1-2 yrs harvest.
<b>Duo Tetraploid</b> Festulolium	1,2,4* 5*,6,7	M-H	5.5-8.0	Mod.	Mod.	Early	G	G-E	E	G-E	E	E	B,D,S, H,R	30-40#/ acre	PRG X Meadow Fescue. Excellent persistence and palatability.
<b>Grasslands Tekapo</b> Orchardgrass	1*, 2, 4* 5*,6,7	M	5.9-7.0	Mod.	Mod.	Med-Late	E	E	E	E	E	E	B,D,S, H,R	12-15# / acre	Bred in New Zealand for grazing. Improved disease resistance.
<b>Bronson</b> Tall Fescue	1,2,3,4 5,6,7	M	5.5-8.0	Mod.	Mod.	Early	E	E	E	E	E	E	B,D,S, H,R	15-20#/ acre	Great forage yield with high palatability.
<b>Kopu II</b> White Clover	1,2,3,4 5,6,7,8	M-H	5.7-7.5	Low	High	Med.	G	E	G-E	G	E	G	B,D, S,R	10-12 #/ acre	Improved stolon activity. Selected under grazing.
<b>StarFire</b> Red Clover	1,2,3,4 5,6,7,8	M-H	5.7-7.5	Low- Mod	Medium	Med- Late	G	G-E	G-E	E	E	G	B,D,S, H,R	10-15#/ acre	Multi-year producer, even under 4-cutting, grazing pressures.
<b>Tuukka Timothy</b>	1,2,4, 5,7,8	M	5.0-7.0	Low	Low	Medium	P	G	G-E	E	F	F	H	10-12#/ acre	Greater yields and higher leaf to stem ration.
<b>Reed Canarygrass</b>	1,2,3,4 5,6,7,8	M-H	5.5-6.0	High	Very High	Early- Late	P	G	E	E	G	F	B,D	10-12#/ acre	Particularly well adapted to wet soils. Very responsive to N.
<b>Oasis Brand Chicory</b>	1,2,3,4 5,6,7,8	M	5.5-8.5	High	Mod.	Early	G	E	E	P	E	E	B,D,S, H,R	3-4 #/ acre	Cold and drought tolerant. Improved palatability.

H=High M=Medium L=Low E=Excellent G=Good F=Fair P=Poor A=Arid/Hot Climate T=Temperate Climate B=Beef D=Dairy S=Sheep H=Horse R=Ratites



Caution: Possible winter kill in these zones, especially if snow cover is not present

Detailed booklets full of information on these and other varieties have been compiled for your benefit. If you need more information on any of the listed varieties or other grasses not shown please contact us at the address on back of this guide.

*This Guide highlights some of the improved "Cool Season" forages offered by Ampac Seed Company.*

*We invite you to visit our web site at [www.ampacseed.com](http://www.ampacseed.com) to see many additional products. ©2001 Ampac Seed Company, All Right Reserved*

## POPULAR PUBLIC FORAGE VARIETIES

### Orchardgrasses

**Potomac** - Early maturity, winter hardy. Best adapted to Mid-Atlantic, Mid-South. Productive, persistent, and rust resistant. Recommended with clover.

**Latar** - Late maturity, winter hardy. Best adapted to Western, Mountain areas. Seed with legumes; low fiber content. Recommended with alfalfa.

**Paiute** - Medium maturity, very winter hardy. Best adapted to rangeland and dryland pastures in low rainfall areas. Persistent and highly palatable. Tolerant of alkaline soils. Establishes well.

**Pennlate** - Late maturity, compatible with alfalfa. Best adapted to Mid-Atlantic, Southern New England, North Central, and Northwest areas. High yielding.

### Tall Fescue

**Fawn** - More palatable than Alta.

**Kentucky 31** - High endophyte, not for new pastures.

### Perennial Ryegrasses

**Tetraploid** - More foliage, fast growing, very palatable.

### Annual Ryegrass

**Gulf** - Good for overseeding Bermuda grass pastures.

**Tetraploid** - More foliage, faster growth and regrowth, more palatable.

### Legumes

**Austrian Winter Peas** - Winter annual for cover crop.

**Crimson Clover** - Winter annual for forage, cover crop.

**Common Vetch** - Annual cover crop, good protein, sweet. Southwest adaptation.

**Hairy Vetch** - Tall, re-establishes well, small leaves, bitter. Southeast adaptation.

**Kenland Red Clover** - Short life. Best suited for hay and silage in 3-4 year rotations.

**Ladino Clover** - Heavy foliage, taller growing.

**Medium Red Clover** - Produces 2-3 hay crops per year.

**Sub Clover** - Creeping clover. Pasture use. Southern adaptation.

**Dutch White Clover** - Long life. Primarily for pasture.

**New Zealand White Clover** - Produces high quality forage. Use throughout Western Hemisphere.

**S-1 White Clover** - Adapted to Southern States.



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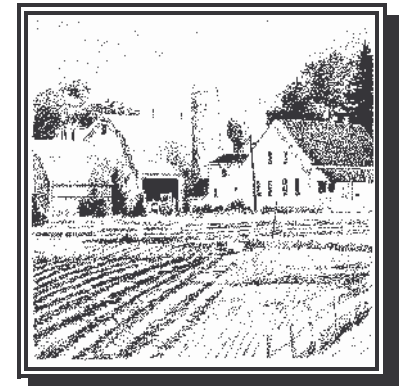
*Since 1978, we have been servicing the United States, Canada, Europe, and the Pacific Rim with a full range of proprietary and common turf, forage, and clover seed. From inception, we have consistently added top-performing varieties to our product line.*

*This guide has been put together to help you plant application-specific seed - be it a straight variety, blend, or mixture - nonetheless, seed that works!*

*If you have further questions, please contact us. We are dedicated to providing our customers what they need!*

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## Forage Seed Pocket Guide®



## Cool Season Forages