

BARENBRUG ALFALFAS WITH GRASS

Baralfa varieties can be planted in combination with Barenbrug grasses. In these mixed stands, the grasses benefit from the nitrogen fixing ability of the alfalfa, while satisfying a diversity of nutritional requirements for the animal. The addition of the grass will improve the energy to protein ratio resulting in a better-balanced ration. In addition, the grass will help with overall disease resistance and sward health, extending its life.

We recommend the inclusion of species such as late heading orchardgrass, high quality tall fescues, bromes and highly digestible perennial ryegrass. These species have proved to work well in mixed stands.



FOUR GOOD REASONS WHY BARENBRUG GRASSES WORK WITH BARALFA VARIETIES:

- ▶ TF-33
- ▶ BG-34
- ▶ OG-34
- ▶ Brome-34

Establishment and Management

In order to maximize the benefits of these high quality alfalfas, they should be managed well. The recommended seeding rate is 15-20 pounds per acre in a fine, well-prepared seedbed.

Brillion seeders or high quality conventional drills, calibrated correctly, work well. The ideal sowing depth is 1/4".

Baralfa varieties are durable and persistent, but as with all high quality forages they benefit from good management techniques.

With compliments,



 **BARENBRUG**

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Baralfa

Baralfa 32 IQ, 42 IQ, 53 HR, 54

Alfalfa Varieties



- ▶ Excellent palatability
- ▶ High digestibility
- ▶ Lower feed costs and increased profitability
- ▶ Increased animal production

 **BARENBRUG**

TODAY'S DEMANDS

In an increasingly competitive world, which demands low cost food production, feed costs are becoming of paramount importance. Generally, improving the value of the forage produced on the home farm is the quickest way of increasing profitability. For example, with grazed forages, these improvements can often be seen within the same day!

THE CHALLENGE

Clearly increasing the yield of forage produced per acre is important, but with today's modern genetics, animals require much more than simply enough to eat. The quality of the forage produced is crucial, especially its palatability and digestibility. When asked, farmers frequently cite intake as being the biggest challenge to animal performance. This is unavoidably linked to digestibility, as highly digestible forages pass through the rumen faster, thus making the animal hungry and encouraging further intake.



BARENBRUG ALFALFAS

It is with these ideas firmly in mind that Barenbrug brings you the Baralfa range of alfalfas. As with all other Barenbrug forage varieties, our alfalfas are specifically selected for additional attributes to yield. The quality of Barenbrug alfalfa varieties is of critical importance, with varieties having to meet exacting standards for digestibility, palatability, pest and disease resistance.

BARENBRUG

BARALFA 32 IQ

Baralfa 32 IQ is a very persistent, winter-hardy variety, with excellent yield. In addition, Baralfa 32 has earned itself the highly coveted IQ status. IQ stands for Improved Quality, reflecting its high quality, fine stems and suitability for grazing.

Baralfa 32 IQ has high resistance to Bacterial Wilt (Bw), Fusarium Wilt (Fw), Anthracnose (An), Phytophthora Root Rot (PRR), Spotted Alfalfa Aphid (SAA) and Aphanomyces (APH) and is resistant to Verticilium Wilt (Vw), Blue Alfalfa Aphid (BAA) and Stem Nematodes (Sn).

Baralfa 32 IQ has demonstrated high levels of Crude Protein, up to 19.0 % and very high RFV, giving well over 11,000 lbs. of milk per acre. With these impressive figures, Baralfa 32 IQ is an especially high quality variety, giving high yield and fast regrowth after cutting.

BARALFA 42 IQ

Baralfa 42 IQ, like Baralfa 32 IQ, has the important IQ designation, spelling out its Improved Quality. It has a dormancy rating of 4, with a winter-hardiness rating of 2, giving it wide ranging appeal to producers across the USA. Baralfa 42 IQ has a unique combination of characteristics, including excellent disease resistance, greater yield punch, wide adaptability, traffic resistance, manure tolerance and of course, improved quality.

Baralfa 42 IQ is a unique plant type, featuring mature plant weights that are up to 40% greater than conventional varieties, larger root reserves that store up to 30% more carbohydrates, over 35% more crown buds and stems per crown and very deep seated crowns. These factors give Baralfa 42 IQ superior plant health, improved winter-hardiness, better quality and exceptional traffic tolerance.

BARALFA 53 HR

Baralfa 53 HR has earned the much coveted HR designation for being Highly Resistant to all of the following major pests and diseases: Bacterial Wilt (Bw), Fusarium Wilt (Fw), Verticilium Wilt (Vw), Anthracnose (An), Phytophthora Root Rot (PRR) and resistant to the following, Pea Aphid (PA), Spotted Alfalfa Aphid (SAA), Stem Nematodes (Sn).

Baralfa 53 HR has a dormancy class of 5, with a winter-hardiness rating of 3, giving it the very high yield potential that is associated with class 5 varieties. However, it has significantly better winter-hardiness, increasing its climatic adaptation and suitability.

BARALFA 54

Baralfa 54 is a dormancy class 5 variety, with a winter-hardiness of 4. It gives very high yield, with excellent regrowth potential. As with all Baralfa varieties, it has an above average leaf to stem ratio and has a dark green, healthy appearance.

Baralfa 54 is tough, with High Resistance to Fusarium Wilt (Fw), Anthracnose (An) and Phytophthora Root Rot (PRR), Spotted Alfalfa Aphid (SAA), Blue Alfalfa Aphid (BAA) and is resistant to Bacterial Wilt (Bw), Verticilium Wilt (Vw) and Stem Nematodes (Sn).

The more dormant an alfalfa, the greater it tolerates stress factors, but with a reduction in potential yield. Baralfa 54 is a variety which bucks that rule and combines the higher yield of a dormancy class 5 variety, with the winter-hardiness and persistence of a class 4 variety.



It is a dormancy class 3 variety, with a dormancy 2 winter-hardiness. Baralfa 32 IQ displays above average leafiness, with extremely fine stems and dark green color. This combination of winter-hardiness, pest resistance and quality make Baralfa 32 IQ the variety of choice for farmers in colder regions.

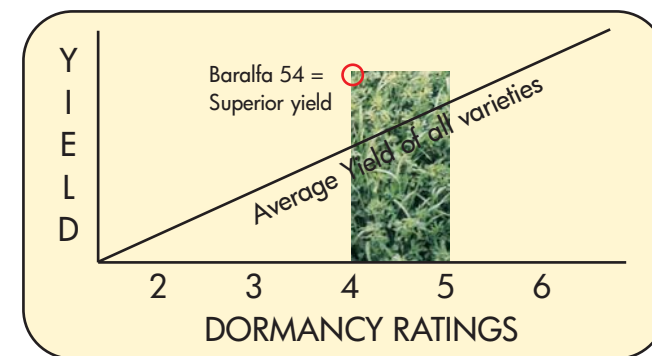


An excellent crop of Baralfa 32 IQ with Barenbrug grass.

The traffic tolerance of Baralfa 42 IQ makes it ideal for areas of high wear and also frequent manure applications.

To complete the package, in addition to the yields of a class 4 dormancy, with a class 2 winter-hardiness, it has excellent disease resistance. Baralfa 42 IQ is specifically resistant to Phoma Medicaginis, commonly called Spring Blackstem Crown Rot, Phoma Crown Rot or the "traffic disease." This disease has caused significant levels of damage in most of the 50 states and has increased in prevalence and frequency, due to the advent of large balers, manure spreaders and other heavy field equipment. All of these factors make Baralfa 42 IQ an excellent, forage producing package.

Most farmers and animal nutritionists agree that intake and digestibility are the most meaningful parameters for predicting animal performance. Baralfa 53 HR has been developed with this closely in mind and the analysis of the Relative Feed Value (RFV) has been key in its development. In recent trials, Baralfa 53 HR has demonstrated high RFVs, resulting in high outputs in lbs. of milk per acre. This is where additional profit can be squeezed out of every farming enterprise. Combined with very fast recovery, high yield potential, very good winter-hardiness and exceptional late season growth, Baralfa is a truly outstanding variety.



The more dormant an alfalfa variety, the more it tolerates stress factors - but with a reduction in potential yield. Baralfa 54 is one of the first alfalfa varieties to combine the higher yields of a Dormancy 5 variety with the winter-hardiness and persistence of a dormancy 4 variety.