

IMPACT 2

PERENNIAL RYEGRASS



650mm+



4.8-8.0



Most Soil Types



PBR

KEY FEATURES

- Exceptional ryegrass with high tiller density
- Outstanding persistence and insect resistance due to NEA2 endophyte
- All seasons growth pattern provides quality late season feed
- Palatable to stock with no staggers or animal performance issues



DESCRIPTION

Impact 2 is an exceptional perennial ryegrass variety with an all seasons growth pattern. It is late flowering (+16) days, providing winter/late spring and early summer growth. This more even seasonal growth curve gives good feed production throughout the year with very strong autumn, winter and early spring production. Impact 2 excellent persistence even in difficult environments and management conditions because of the strength of NEA2 endophyte and the high tiller density of a diploid ryegrass. It has high total yield and good production in all seasons giving longer lasting pasture. The natural endophyte NEA2 provides excellent pest resistance particularly against black beetle and root aphid.

BREEDING HISTORY

Impact 2 is a re-selection of late flowering Tolosa material. Tolosa plants were selected for improved seed production characteristics and forage yield. In trials Impact 2 has shown a yield advantage to Tolosa. It is noted that Tolosa was an exceptional cultivar which provided very good persistence, yield and palatability. Tolosa is also the parent variety of Bealey.

PEST / INSECT RESISTANCE

Impact 2 with NEA2 is a first in that NEA2 is a natural endophyte of Impact 2 and has been bred and tested as a team. This natural combination of cultivar and endophyte is likely to be one reason we are seeing such good field performance and we sell the combination we have tested. This combination gives good insect protection in the Australian environment particularly against black beetles and root aphids.





PRODUCT FIT

- Temperate high rainfall and irrigated regions for high production dairy systems under high stocking rates or adverse conditions such as pugging or marginal country
- Earlier finishing applications where earlier flowering varieties are traditionally used
- High rainfall beef and sheep
- Mixes: Ideal in a mix with other late flowering perennials such as Bealey, with or without white clover or sub clovers.

Impact 2 and Bealey are ideal in a mix giving the benefits of both varieties; otherwise Impact 2 should be used in more difficult applications where is higher tiller density and stronger endophyte protection will result in more robust persistence.

HERITAGE SEEDS PRODUCT POSITIONING

Impact 2 will replace Alto AR1 as our lead diploid perennial ryegrass because it has the advantages of:

- Higher yields
- More even seasonal growth
- Improved early season production
- Stronger endophyte profile
- Persistence



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