

# Tonic Plantain

## Key Features

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TONIC plantain is a mineral-rich perennial grazing herb that is a valuable pasture component, particularly in drier regions and less fertile conditions. TONIC has a similar yield potential and suits similar management systems to perennial ryegrass.

Tonic can add value, both in terms of dry matter and quality, in a diverse range of ways in any farming system. The benefits of Tonic include improved dry matter production and quality at key times of the year. Tonic also has a positive impact on animal performance by improving the supply of some trace elements. Tonic suffers from few pests and diseases.

- Valuable year-round production
- Source of key minerals - calcium, sodium, copper, selenium
- Degree of drought tolerance due to deep coarse root system
- Strong cool-season growth
- Suits wide range of environments and soil conditions

## Applications

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Rotational Grazing

## Planting Time

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Fall, Winter or Spring

## Establishment

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Pre-emergent weed control is important as Tonic is susceptible to broadleaf herbicides after emergence.

## Management Keys

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Tonic is highly palatable and preferentially grazed. Tonic suits a grazing management similar to ryegrass, with potential yields like that of perennial ryegrass. Ideally a 20-25-day rotation will maintain seed head palatability through late spring and summer. Plantain is a fast-establishing species, and will be productive and persistent over a wide range of soils and climate conditions. It appears to tolerate acidic soil and it exhibits useful growth in cold winter conditions.



## Characteristics

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Forage Quality	5
Recovery	4
Traffic Tolerance	4

Scale 1-5 (1 = Poor, 5 = Excellent)

## Seeding Rate

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Not recommended unless in a blend

## Seeding Depth

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1/4" to 3/4" into a firm seedbed