






#### Scientific Name

 *Brassica napus*.L.


#### Sowing Rate

 3 – 5 kg/ha

#### Blend Rate

 1 – 2 kg/ha

#### Maturity

 60 – 90 days

GrowMax establishes rapidly and is ready for first grazing in 60-90 days or when the crop is ripe based on sowing time and location. GrowMax will provide more feed from later grazings.

#### Type

 Rape x Kale Hybrid

#### Key Features

- Late flowering and early maturing
- High yielding
- Excellent regrowth after grazing
- Effective break crop beneficial to soil structure
- Produces more leaf compared to Winfred

#### Plant Characteristics


- Hybrid type rape x kale
- Excellent disease resistance
- Excellent feed quality CP17-20, ME11-13

#### Where can I grow it?

- Medium to high rainfall areas 500-700mm
- Suitable to most soil types

#### Seed Options

- Bare or Treated seed is available

 *GrowMax is a modern forage brassica cultivar bred to improve quality, regrowth and yield over the traditional varieties. When well-managed, GrowMax provides high quality, cost-effective forage for beef cattle and sheep.*

## Product Information

### Paddock Agronomy

Select paddocks that are relatively weed-free and avoid paddocks that are prone to waterlogging. Ideally follow a winter crop paddock, eg cereals or annual ryegrass. Select an appropriate spray to eliminate any weeds. Cultivation is a preferred option even if it is only a light working, or power harrowing, as small seeds dry out quickly.

Fertiliser application at sowing is very important. A minimum of 100kg DAP/ha is recommended to assist rapid establishment. Lime can be a very good investment to incorporate into the soil to optimise brassica growth, but soil test first. Treated seed is also a good option to help control RLEM at emergence as it provides approx 3-4 weeks' protection.

### Sowing

Early sowing leads to higher yield potential

- Sow when soil temperatures are 10°C and rising
- Direct drill seed into clean open soils
- A firm, moist seed bed is desirable
- A sowing depth of 5-15mm is ideal. Accurate seed depth is very important to ensure uniform germination
- Roll after sowing to ensure good seed-soil contact which is essential and tilth will accommodate this.
- Sow at 3-5kg/ha alone or 1-2kg/ha as part of a mix

# Product Information

## Feeding Brassica Crops

Brassicas should always be fed together with ad-lib fibrous forage such as straw, baled silage or hay to improve rumen 'scratch factor' and provide an alternative source of nutrition. Introduce stock to brassica crops slowly on full stomachs to avoid digestive upsets. Ideally start by allowing stock access to the crop for 1-2 hours/day building up to unrestricted access after 1-2 weeks. Livestock must have access to hay, straw or a grassy 'exit' paddock to graze. This is to promote saliva production and healthy rumen function. An adequate supply of good quality drinking water is essential at all times.

## Mixing Options

UMS can custom blend GrowMax with cereal, grass or herb options (such as plantain, ryecorn or chichory) to ensure your particular animal nutrition requirements are met.

## Feed Value

- The energy level of brassicas is equivalent to high quality conserved forages.
- Crude protein (CP) is between 14-20%.
- Brassicas have readily digestible carbohydrate but are low in structural fibre which is why it is necessary feed brassicas with a fibre source such as straw or hay to help prevent rumen acidosis or bloat

## Bridging the Pasture Supply Deficit

Every farm has a growth curve which represents the amount of pasture grown in any one year.

The green line shows typical pasture growth with a spring peak, a decline in summer, followed by a second peak in autumn. It is possible to bridge the feed deficit gap in the cooler months by autumn-sowing GrowMax and sowing in early spring to provide premium quality and highly digestible fattening or finishing feed going into late spring/summer.