

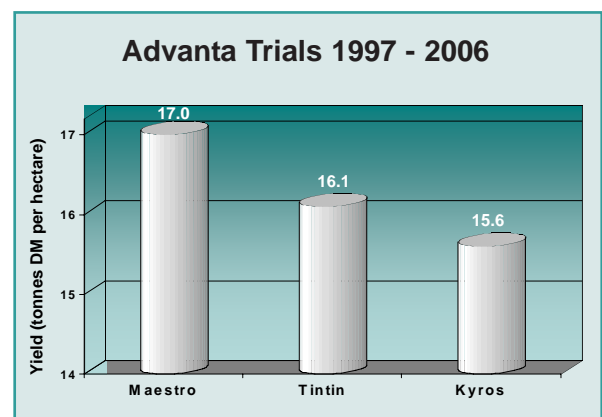
maestro

fodder beet

Maestro is a new very high yielding, medium dry matter variety, ideally used as part of a mixed forage diet. Maestro is easy to harvest and its roots can be fed whole or chopped. Large leaves enable Maestro to be lifted with belt lifting machinery.

- Very high clean dry matter yields (highest in our trials)
- Clean roots enable ease of harvesting
- Cleaner roots ensure maximum intakes and liveweight gain
- Fully trialled and tested

Maestro Technical Data		
Dry Matter %	High	19.3%
Establishment (1-10)	Good	6.9
% of root in ground	Easy to harvest	60%
Dirt 9=Clean	Clean	7.2



MAESTRO.... ideal companion feed for silage maize

Soil Type/Site Selection

The crop can thrive on a wide range of soils but a light to medium, free draining field is ideal. A soil pH of 7 is the target and good accessibility is vital for heavy harvesting machinery.

Seedbed and Sowing Methods

Aim for a firm, fine tilth with pre-Christmas ploughing. Keep moisture loss to the minimum in the spring. Monogerm seeds have eliminated the need for labour intensive singling. However, allow for some field losses if seedbed conditions are poor. As a general guide soil temperatures need to be at least 5°C before sowing. Early April is a typical drilling date in the South. Delayed drilling can lead to yield losses. Ensure that the seed is drilled to a depth of 2.5/3.0 cm - use the deeper figure for dry seedbeds. A precision drill is essential.

Varieties

Always choose a variety to suit your harvesting method.

Fertiliser

This is a demanding crop in terms of nutrients. All the fertiliser except the nitrogen is best applied in the autumn. The nitrogen can be applied immediately after drilling. The use of slurry/FYM will be beneficial, as is the application of sodium on appropriate soil types. Trace elements (especially manganese and boron) are important with fodder beet.

Weeds, Diseases & Pest Control

Some farmers may be prepared to undertake inter-row cultivation but most now prefer to rely on herbicides to control weeds. It is vitally important to control weeds as their presence can severely reduce yields. Weed beets are very undesirable

and every effort must be made to eliminate them.

Our seed is treated with both fungicide and insecticidal compounds to provide protection during the establishment phase. The crop can be attacked by several pests including slugs and wireworms, while aphids transmit virus yellows.

Harvesting

Although the crop continues to put on yield into the autumn this has to be balanced against the potential problems associated with a late harvest. Some farmers have their own lifting equipment while others will bring in a contractor. Machines can be divided into 'leaf' or 'root lifters' - whichever is used the tops must be removed down to the base of the leaf petioles. Keep soil contamination to the minimum.

Root Storage

A pre-cleaner is recommended to remove soil contamination. Clamps should be checked regularly for signs of any hot spots. The high DM varieties tend to store better on a long-term basis and are less prone to damage.

Feeding

Fodder beet may be fed chopped or whole. Chopped beet should provide a better LWG in beef animals.

Feeding the roots at ground level can reduce the risk of choking. The roots have a high energy but low protein content and make a good substitute for grain in rations for dairy cows, beef animals, sheep, pigs and deer. Crops have also been strip grazed in situ very successfully.