

Getting ready for a new season

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As one crop growing season gives way to another, producers find themselves pondering which crops to plant and how best to fertilise them. However, it's crucial to carefully consider nutritional feed and growth stimulation, no matter the circumstances.

A key lesson learnt from practice is the importance of understanding both the crop and the medium it's anchored in. This knowledge can unlock the full potential of the combination.

Fixed recipes for a given crop won't necessarily yield the same success elsewhere. Historically, researchers referred to the combination of specific soil, location and crop as a soil-crop ecotope, highlighting the need to avoid one-size-fits-all approaches. It's advisable for producers to involve a Kynoch agriculturalist and marketing agent in their planning and decision-making process. Various baskets or groups of

plant nutrients, bio-stimulants, and even soil conditioners can enhance any crop production system. Worth mentioning is that Kynoch, alongside its dry fertiliser options, manufactures and supplies a wide range of high-quality clear liquid fertilisers. There are liquid alternatives for most dry fertiliser options.

Specialised crops will mostly be fertigated or fed by a hydroponic system. Nutritional feed for these crops requires specialised knowledge about soil and water quality, different types of macro-, secondary-, and micro-element-containing, mostly water-soluble, fertilisers, as well as bio-stimulants, growth enhancers, and conditioners. Managing electrical conductivity and salt indexes in the water, fertiliser solution and wetting zones in the soil is crucial.

Vegetables are typically planted in rows, with fertiliser banding during planting. An Ultra-fertiliser (micro-

element coated) banded during planting ensures a complementary array of nutrients within immediate access of roots. KynoKelp seaweed extract as a foliar after emergence (or transplanting) benefits early root development and growth. After emergence, Veggie Oemff, together with KynoFulvate Yellow (an uptake enhancer) as a foliar, promotes healthy growth. KynoHumate Black as a soil conditioner benefits roots and nutrient uptake from the soil.

UNLOCK POTENTIAL

In row crop production, a key insight for unlocking potential is Ultra technology for vegetables. Loads of micro-elements coated onto every fertiliser granule are going wherever granules go, are present and available in the soil after banding, and are highly plant absorbable.

Ultra can be made for planting blends with KynoPlus stabilised urea. Various Oemff products are available for foliar toppings, in association with KynoKelp seaweed extract and KynoFulvate Yellow. Sulphur-containing KynoPlus top- or side-dressing blends, with or without potassium, are available.

Permanent crops like vines, stone and pome fruit, citrus, nuts, avocado, litchi, banana, and dates are grown in South Africa. Each one can be seen as a speciality. In the basket for this group, there are multiple excellent options (dry granule, water-soluble, and liquids). For macadamia, for instance, a KynoMac range of products is available to provide specific nutrients.

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- KynoKelp® M314 (Act 36 of 1947)
- KynoFulvate Yellow® M261 (Act 36 of 1947)
- KynoHumate Black® M350 (Act 36 of 1947)
- KynoPlus® K8024 (Act 36 of 1947)
- KynoMac® 6:0:10 (30) K11218 (Act 36 of 1947)