



Nutrient Cycling

We recommend crop rotation and the use of cover crops as good soil management techniques

OFS products are used to help build soil organic matter to maximise yields and thus aid in nutrient recycling.

NEW ERA NPK

New Era NPK is a high quality, pelletised organic fertiliser based on composted poultry manure and seabird guano.

New Era NPK supports soil biological life, helps balance soil, improves nutrient cycling and mobilises soil nutrient reserves.

Improve Soil Health with Nutrient Cycling

Nutrient cycling is the breakdown (mineralisation) of organic matter by soil microbes into components that either provide a food source for other microbes, or nutrients for plants.

The concept of nutrient cycling is central to organic farming systems, as it is the natural nutrient cycling of organic matter and nutrients that provide the main benefits of soil and plant health on organic farms. The microbial activity associated with nutrient cycling also provides natural suppression of soil borne disease.

The cooler months are an important time to increase organic matter in preparation for the coming production season. The most cost-efficient way to do this in market gardens, orchards and vineyards is to grow a cover crop and use well-made compost.

Cover crops provide a range of benefits to plants and the soil. These include an increase in nitrogen if using a legume. The use of a grass species such as oats or cereal rye can provide organic matter (food source for soil microbes).

Cover crops can include a range of plant types depending on your overall objective. There are as many combinations of cover crops as there are soil types and you should research what works best for your particular situation and production system.

Well-made compost will provide humus (digested organic matter that is more available to plants) and a microbial inoculation to the soil.

Trials have shown that it can take up to 3 seasons to improve soil biological activity after ignoring this important aspect of soil fertility.

This information is of a general nature - seek specific advice for your situation.