

## Fertilizer ingredients.

**N (Nitrogen)** Leafy crops. Easily washed out of soil.

**P (Phosphate)** Roots and fruit ripening. Tends to build up in the soil. Most of it is unavailable to the plant which has to work hard to incorporate it.

**K (Potash)** Good flower and fruit formation. Leafy crops. General hardiness of the plant.

Fertilizer	N %	P %	K %
Blood, fish and bone	3.5	8	-
Bone meal	3.5	20	-
Hoof and horn	13	-	-
Ammonium sulphate	21	-	-
Growmore	7	7	7
Vitax Q4	5.3	7.5	10
Animal manure	0.6	0.1	0.5
Chicken manure	4	2	1
Garden compost	0.5	0.3	0.8
Miracle grow	15	30	15
Pot' sulphate	-	-	49

### Basic rules to remember:

Never lime and manure the same piece of ground in the same season.

Never apply more than the recommended amount of fertilizer. If in doubt always apply less.

Maintain the health and quality of your soil: good soil structure = good plants.

Soil needs both organic matter and fertilizer. Organic matter

(compost, well-rotted muck etc) is for improving the soil structure and general health of the soil. Fertilizer adds extra plant food.

There are **organic** and inorganic fertilizers.

The basic rule for growing good vegetables is to ensure they have a steady growth without "checks" to that growth: lack of water, too cold, lack of nutrients, crowded out by weeds etc.