BEST FULL

ORGANIC LIQUID FERTILIZER CONTAINING PLANT-DERIVED AMINO ACIDS



Strong roots and foliage • Balanced nutrition • High yield and quality potential

Detailed application guide for vegetables, cereals, field crops, legumes, root crops, coffee, avocado, mango, papaya, banana and other fruit trees

Prepared for professional use. The official registered label, local conditions and technical recommendations take priority.

Product Analysis and General Use

BEST FULL is an organic liquid fertilizer containing organic matter, organic carbon, organic nitrogen, a high level of water-soluble potassium and plant-derived free amino acids. It is designed to support balanced development during flowering, fruit set, crop filling, quality formation and recovery from stress.

Guaranteed analysis	% w/w
Organic matter	20
Organic carbon	10
Organic nitrogen (N)	2
Water-soluble potassium oxide (K_2O)	10
Free amino acids	4.2-6.2
pH range	6-8

Main benefits

- Supports root, leaf, shoot and fruit development.
- Its potassium content contributes to fruit and grain filling, size, colour, firmness and quality.
- Its amino acid content supports recovery after transplanting, pruning, heat, cold and temporary water stress.
- Helps nutrient transport within the plant and supports more balanced growth.
- Under suitable growing conditions, it supports the potential for up to 20% improvement in marketable yield and quality.

General application programme

Application method	Rate	Programme
Foliar spray	150-250 ml / 100 L water	2-4 applications at 10-15 day intervals
Young or sensitive plants	100-150 ml / 100 L water	Start at the lower rate
Drip irrigation / soil	2-3 L / hectare	2-4 applications according to growth stage
After stress	150-200 ml / 100 L water	Repeat after 7-10 days if required

1 hectare = 10 decares. A rate of 3 L/ha equals 300 ml/decare. Do not exceed 3 L/ha in a single application.

Detailed Use in Vegetables

Suitable for tomato, pepper, eggplant, cucumber, squash, melon, watermelon, cabbage, lettuce, broccoli and similar greenhouse or open-field vegetables.

Application stage	Foliar	Drip irrigation	Purpose
7-10 days after planting/transplanting	150 ml / 100 L	2 L/ha	Root establishment and stress recovery
7-10 days before flowering	200 ml / 100 L	2-3 L/ha	Preparation for flowering
After first fruit set	200-250 ml / 100 L	3 L/ha	Fruit set and early fruit growth
Fruit sizing / before colour development	200-250 ml / 100 L	3 L/ha	Size, firmness, colour and quality

How to apply

- Pre-dilute the product in a separate container, then add it to the spray tank.
- Wet both sides of the leaves evenly without causing excessive run-off.
- For drip irrigation, inject during the middle part of irrigation and flush the lines briefly with clean water afterwards.
- Avoid heavy spraying when flowers are fully open; time the application before flowering or after initial fruit set.
- Apply early in the morning or in the cool evening hours, not during extreme heat.

Expected yield and quality support

- Stronger roots, balanced shoots and healthy green foliage.
- Improved plant strength to carry flowers and fruit and support uniform fruit development.
- Support for fruit size, shape, colour, firmness, natural taste, aroma and shelf-life potential.
- Maintenance of flowering and new shoot formation during an extended harvest period.

The basic vegetable programme consists of two applications: before flowering and after fruit set. During a long harvest period, 1-2 additional applications may be made at fruit sizing. Do not exceed 3 L/ha per application.

Cereals and Field Crops

BEST FULL may be used in wheat, barley, teff, maize, sorghum, millet, cotton, sunflower, sesame and other field crops at their critical growth stages.

Wheat, barley, teff and other small-grain cereals

Stage	Foliar	Soil / drip	Purpose
End of tillering / start of stem elongation	200 ml / 100 L	2 L/ha	Stress tolerance and plant strength
Flag leaf / before heading	200-250 ml / 100 L	2-3 L/ha	Head formation and preparation for grain filling
Early milk stage	150-200 ml / 100 L	2 L/ha	Grain weight and quality

Maize and sorghum

Stage	Foliar	Soil / drip	Purpose
6-8 leaf stage	200 ml / 100 L	2 L/ha	Roots, stalk strength and stress tolerance
7-10 days before tasselling	200-250 ml / 100 L	2-3 L/ha	Cob formation and preparation for pollination
Beginning of grain filling	200 ml / 100 L	2-3 L/ha	Grain weight and quality

Cotton, sunflower and sesame

Stage	Foliar	Soil / drip	Purpose
Rapid growth	200 ml / 100 L	2 L/ha	Root and stem strength
7-10 days before budding	200-250 ml / 100 L	2-3 L/ha	Flower and boll/head/capsule formation
Beginning of seed filling	200 ml / 100 L	2-3 L/ha	Seed filling, oil content and quality

- If used after a herbicide treatment, allow the crop 3-5 days to recover.
- Avoid high-nitrogen mixtures at late cereal stages. The objective is to support grain filling, test weight and uniform maturity.
- The basic programme is two applications. A third low-rate treatment may be used where grain filling is weak.

Do not exceed 3 L/ha in any single application.

Potato, Onion and Legumes

Potato and onion

Stage	Foliar	Drip / soil	Purpose
10-15 days after emergence	150-200 ml / 100 L	2 L/ha	Roots, foliage and stress tolerance
Beginning of tuber or bulb formation	200-250 ml / 100 L	3 L/ha	Initial tuber/bulb set and growth
Tuber or bulb sizing	200-250 ml / 100 L	3 L/ha	Size, dry matter and storage quality

Beans, peas, lentils, chickpeas and soybean

Stage	Foliar	Soil / drip	Purpose
7-10 days before flowering	150-200 ml / 100 L	2 L/ha	Preparation for flowering
After pod set	150-200 ml / 100 L	2-3 L/ha	Pod development, seed filling and quality

Application notes

- In potato, make the second application at the beginning of tuber initiation. Very late applications may encourage unnecessary foliage.
- In onion, potassium support at bulb initiation contributes to bulb size, firmness, dry matter and storage quality.
- Legumes fix atmospheric nitrogen, so do not exceed the stated rates or combine with excessive nitrogen.
- Apply during cool hours and avoid periods of intense bee activity at flowering.
- Correct use supports the number, size and uniformity of tubers, bulbs, pods and seeds.

Two applications are recommended for legumes and 2-3 for potato and onion. Under suitable conditions, the programme supports the potential for up to 20% improvement in yield and quality.

Use in Fruit Trees

Suitable for mango, avocado, citrus, apple, pear, peach, apricot, plum, cherry, pomegranate, olive and other fruit trees.

Application stage	Foliar rate	Purpose
Beginning of spring shoot growth	150-200 ml / 100 L	New shoots, leaves and recovery after stress
10-15 days before flowering	200 ml / 100 L	Preparation for flowering
After fruit set	200-250 ml / 100 L	Fruit set and early development
Fruit sizing / before colour development	200-250 ml / 100 L	Size, colour, firmness, taste and quality
After harvest, if required	150-200 ml / 100 L	Tree recovery and reserve formation

Application to the root zone

Tree age / size	Product per application	Dilution and application
Newly planted tree	10-20 ml/tree	At least 5 L water
1-3 years	20-40 ml/tree	5-10 L water
4-7 years	40-75 ml/tree	10-15 L water
Mature tree	75-150 ml/tree	15-20 L water
Very large tree	Maximum 150-200 ml/tree	20 L or more water

Correct root-zone application

- Do not pour directly against the trunk. Distribute evenly across the active feeder-root zone under the canopy.
- If the soil is very dry, pre-irrigate lightly, apply to moist soil and then continue normal irrigation.
- Root-zone treatments may be repeated 2-4 times according to growth stage. Do not exceed 3 L/ha per application across the orchard.
- For foliar spraying, wet the inner and outer canopy evenly without causing run-off on fruit.
- Do not spray when flowers are fully open or during periods of intense bee activity.

The objective in fruit trees is to support not only yield, but also fruit size, uniformity, colour, natural taste, aroma, firmness and marketable quality.

Coffee, Avocado, Mango, Papaya and Banana

Coffee

Stage	Foliar	Root zone
Beginning of rains / new shoots	150-200 ml / 100 L	30-50 ml/tree
10-15 days before flowering	200 ml / 100 L	40-60 ml/tree
After fruit set	200-250 ml / 100 L	60-75 ml/tree
Cherry sizing / bean filling	200-250 ml / 100 L	60-75 ml/tree

Supports coffee cherry growth, uniform ripening, bean filling, bean size, natural aroma and quality potential.

Avocado and mango

Stage	Foliar	Root zone
Beginning of new shoot growth	150-200 ml / 100 L	40-60 ml/tree
Before flowering	200 ml / 100 L	50-75 ml/tree
After fruit set	200-250 ml / 100 L	75-100 ml/tree
Fruit sizing	200-250 ml / 100 L	75-100 ml/tree

Supports fruit size, uniformity, flesh quality, firmness, natural taste, colour and aroma. Do not apply during full bloom.

Papaya and banana

Stage	Foliar	Drip / root zone
10-15 days after planting	150 ml / 100 L	2 L/ha
Before flowering or bunch emergence	200 ml / 100 L	2-3 L/ha
Fruit set / bunch development	200-250 ml / 100 L	3 L/ha
Fruit sizing	200-250 ml / 100 L	3 L/ha

Supports strong stems, fruit or bunch size, uniformity, colour, firmness, sugar accumulation, natural taste and quality.

The basic programme consists of two applications: before flowering and after fruit set. During a long growing and harvest period, 1-2 additional applications may be made.

Target Programme for Up to 20% Yield and Quality Improvement

An improvement of up to 20% is not a guaranteed result from one product. It is a target potential supported by correct timing, sufficient irrigation, suitable soil pH, balanced base fertilisation, pest and disease control and healthy crop development.

Crop group	Foliar programme	Root / drip programme
Vegetables	150-250 ml/100 L; pre-flowering, fruit set and sizing	2-3 L/ha; 2-4 times
Cereals	150-250 ml/100 L; stem elongation, heading and grain filling	2-3 L/ha; 2-3 times
Field crops	200-250 ml/100 L; before budding and at seed filling	2-3 L/ha; 2-3 times
Fruit trees	150-250 ml/100 L; shoots, pre-bloom, fruit set and sizing	10-150 ml/tree by age; 2-4 times
Coffee / avocado / mango	150-250 ml/100 L; shoots, pre-bloom, fruit set and filling	30-100 ml/tree; 3-4 times

Expected results

- Stronger roots, leaves and shoots and faster recovery after stress.
- Support for flowering, fruit set, grain or fruit filling and crop uniformity.
- Support for fruit size, shape, colour, firmness, natural taste and aroma, and for well-filled grain.
- Improved marketable yield potential and maintenance of harvest quality.

Correct application and safety rules

- Shake well before use. Use clean water with low salinity.
- Apply early in the morning or during cool evening hours. Do not spray in extreme heat, wind or rain.
- Do not use a high rate on drought-stressed, diseased or weak plants; allow the crop to recover first.
- Test on a small area before first use. Start with the lower rate on young and sensitive foliage.
- Perform a jar compatibility test before mixing with other fertilisers or pesticides. Seek technical advice before mixing with calcium, strongly alkaline, copper or sulphur products.
- Do not exceed the recommended rate. Keep away from children, food and animal feed; store in a cool place away from direct sunlight.

Producer / Distributor: BEST GLOBAL This programme is a general technical guide. Regional conditions and the official registered product label take priority.