



GREEN FLUSH[®]

ग्रीन फ्लश

Green Flush is a natural liquid concentrate solution containing nutrient salt of humic acid, seaweed and plant originated l-amino acid enriched with natural plant growth hormones and beneficial trace elements. It is a stable residue free solution. It is also characterized with a pH close to neutral that promotes its very effective consumption during foliar application which is easily assimilated by plants.

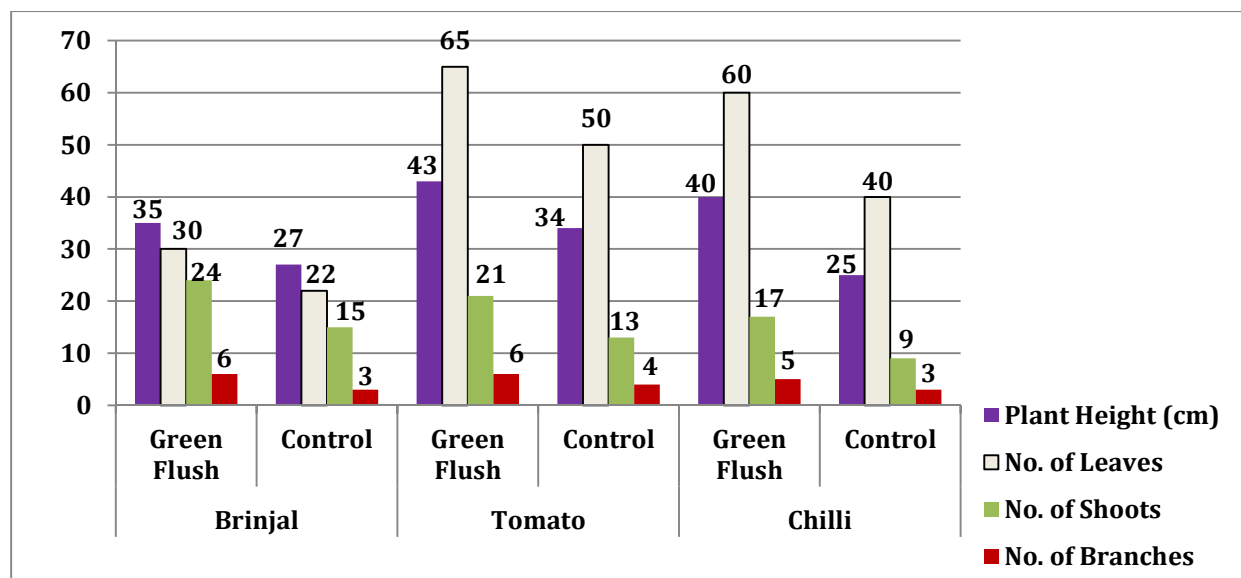
Green Flush improves plant growth and development throughout the crop life cycle from seed germination to plant maturity in a number of demonstrated ways, including but not limited to: improving the efficiency of the plant's metabolism to induce yield increases and enhance the crop quality; increasing plant tolerance to and recovery from abiotic stresses; facilitating nutrient assimilation, translocation and use.

Green Flush effectively increases the number of leaves, number of branches, number of tillers and over all vegetative growth of the plant. Green flush is effectively used in all types of crops including cereals, pulses, vegetables, fruits, oilseeds, commercial and plantation crops etc.

Vegetative growth booster

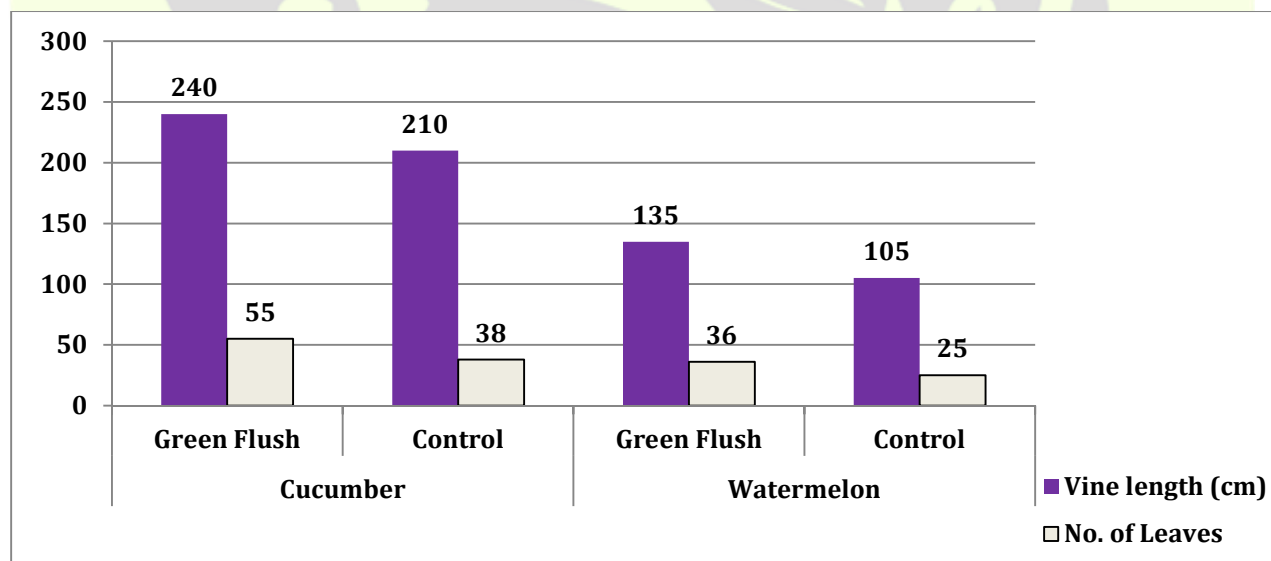
Green Flush helps to boost the vegetative growth of the plant start from growth to maturity. It helps to maintain healthy foliage which results in to better growth and development of the plant. It increases the number of tillers in cereals and number of effective branches in all other crops. Thus promotes overall vegetative development and creates revitalizing action in the plant. Green Flush enhances the plant chlorophyll content. Effective application of Green Flush increases the plant height, number of leaves, and number of branches and provides natural greenness to the plant.

Effect of Green Flush on growth of various crops at early vegetative stage



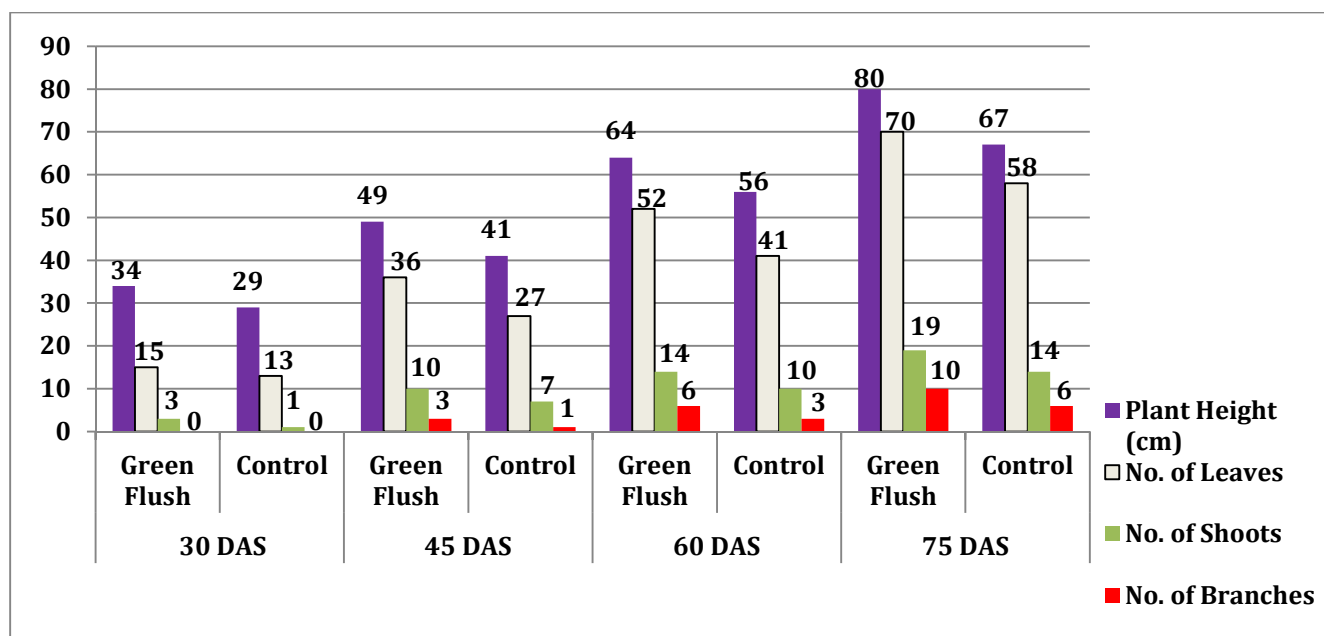
20 DAT	30 DAT
Spray	Result

Effect of Green Flush on growth of various crops at early vegetative stage



30 DAS	40 DAS
Spray	Result

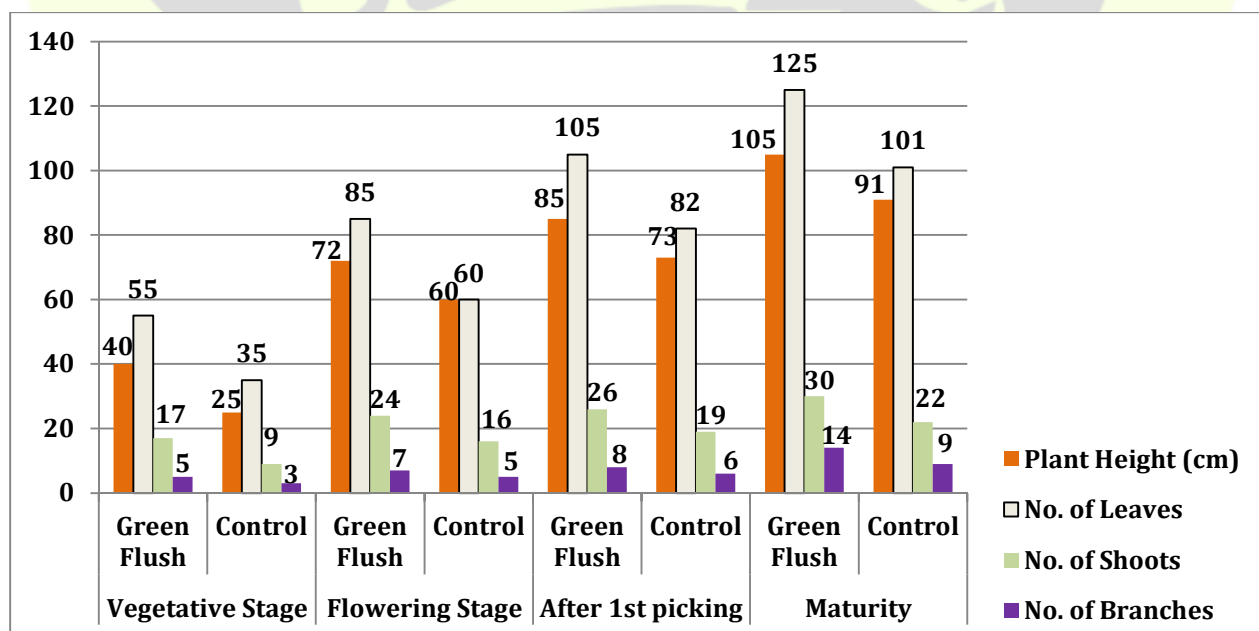
Effect of Green Flush on growth of cotton at vegetative stage



15 DAS	30 DAS	45 DAS	60 DAS	75 DAS
1 st Spray	1 st Result & 2 nd Spray	2 nd Result & 3 rd Spray	3 rd Result & 4 th Spray	4 th Result

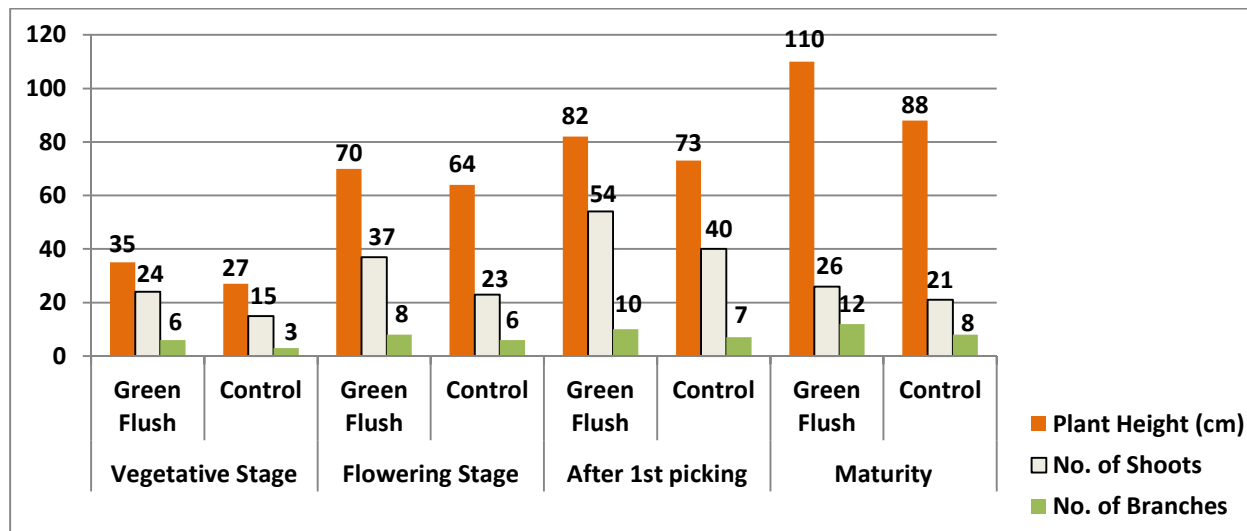
Effect of Green Flush at various stages in some crops during their complete life cycle

Effect of Green Flush on growth of Chilli



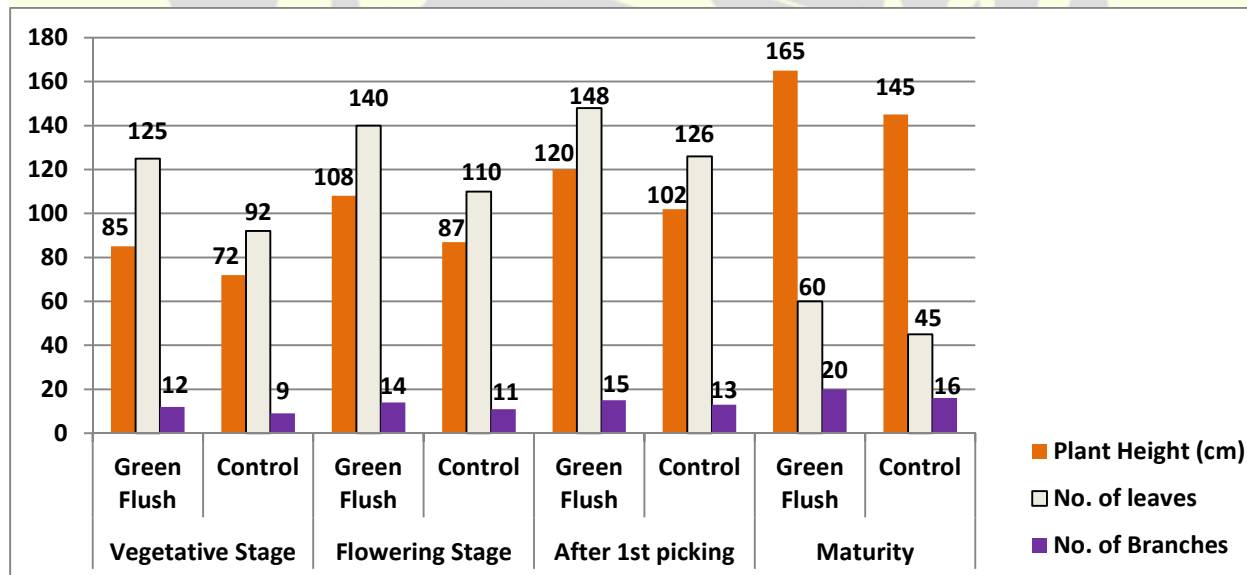
20 DAT	30 DAT	40 DAT	50 DAT	80 DAT	90 DAT	140 DAT	150
1 st Spray	1 st Result	2 nd Spray	2 nd Result	3 rd Spray	3 rd Result	4 th Spray	4 th Result

Effect of Green Flush on growth of Brinjal



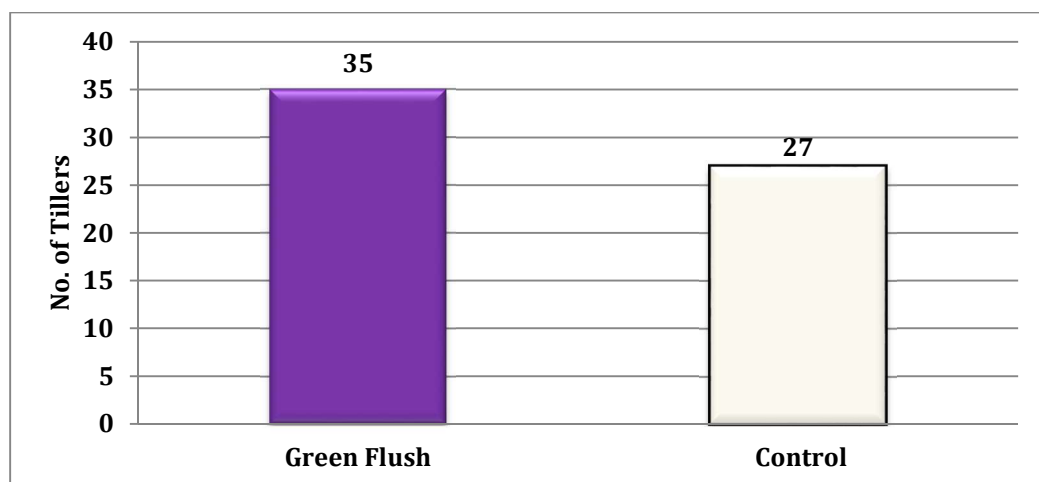
20 DAT	30 DAT	40 DAT	50 DAT	80 DAT	90 DAT	140 DAT	150
1 st Spray	1 st Result	2 nd Spray	2 nd Result	3 rd Spray	3 rd Result	4 th Spray	4 th Result

Effect of Green Flush on growth of Cotton



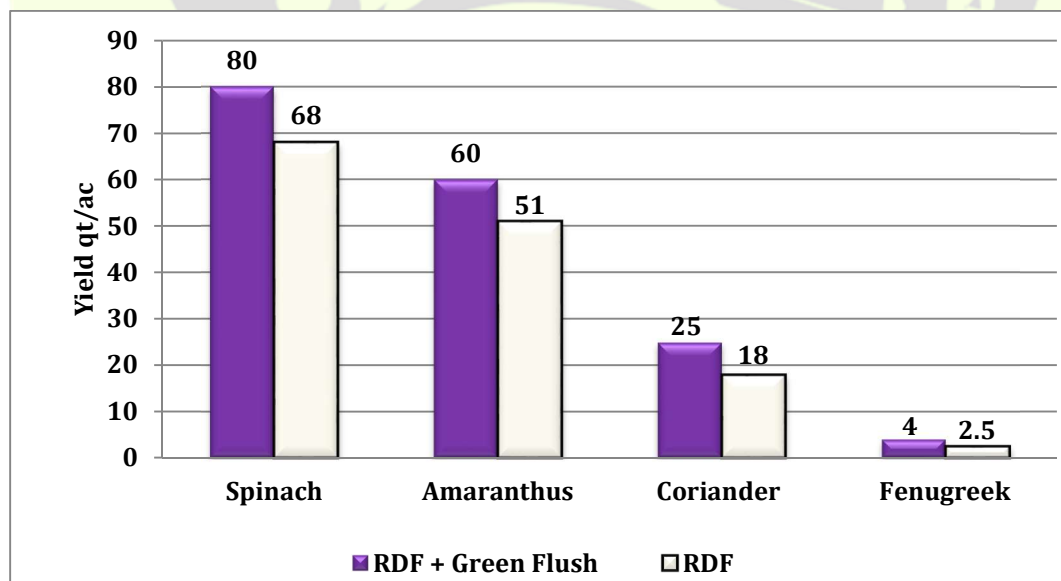
30 DAS	45 DAS	60 DAS	80 DAS	130 DAS	150 DAT	220 DAS	240 DAS
1 st Spray	1 st Result	2 nd Spray	2 nd Result	3 rd Spray	3 rd Result	4 th Spray	4 th Result

Effect of Green Flush on no. of tillers in Rice











30 DAT	45 DAT	60 DAS
1 st Spray	2 nd Spray	Result

Effect of Green Flush on yield of leafy vegetables



15 DAT	30 DAT	45 DAS	At harvest
1 st Spray	2 nd Spray	3 rd Spray	Result

Crop	RDF + Green Flush	RDF
Cotton		
Brinjal		
Tomato		
Rice		

Effect of Green Flush on post harvest quality of Leafy vegetables

Vegetables-	Spinach		Amaranth		Coriander		Fenugreek	
Parameters	RDF + Green Flush	RDF	RDF + Green Flush	RDF	RDF + Green Flush	RDF	RDF + Green Flush	RDF
Shelf life (hrs) At Room temp.	48	36	60	48	28	20	36	26

Influence on primary metabolism of the plant

Green Flush has a beneficial influence on the primary metabolism of plants: photosynthesis, respiration, solute transport, translocation, protein synthesis, nutrient uptake, tissue differentiation, formation of carbohydrates, lipids, structural substances of plants. Enzymatic activity accelerates the photosynthesis and improves plant vigor. Green flush helps the plant to stimulates natural growth hormones, enzymes, amino acids etc. which beneficial in their growth and development.

Helps in absorption of nutrients

The Green Flush helps in absorption of the major nutrient along with trace elements. As increased root growth efficiently absorbs the all available macro and micro nutrients from the rhizosphere effectively this ultimately increases the nutrient use efficiency.

Increases root biomass

As it applied in soil it increases establishment rate of root biomass also improves the root growth and stress tolerance capacity. Green flush maintains equilibrium to reduce water loss and wilting. The root-growth stimulatory effect was more pronounced when Green Flush was applied at an early growth stage, and the response was similar to that of auxin, an important root- growth-promoting hormone. Green flush treatment enhances both shoot and root ratio and biomass accumulation.

Stress Tolerance

Green flush maintain the metabolic activity, photosynthetic rate and activity of chloroplasts under conditions of stress, thus achieving a better final yield of the crop. Its balanced use increases the stress tolerance capacity of the plants. Green flush boost the growth of the plant which helps the plant to withstand in any type of stress conditions.

Improves immunity of plant

Green Flush not only provides better vegetative and root growth to plant but also it improves the immunity system of the plant which protect the plant from various pest, diseases and biotic and abiotic stress conditions.

Use in conventional, sustainable and organic production systems

Green Flush can be used in conventional, sustainable & organic production systems for the improvements in plant growth and health to maximize the yield. Green Flush is recognized as fully compliant for use on organic crops.

Proven performance

Many research trials have shown that foliar applications of Green Flush have very significant effects on growth & yield of all crops.

Environmental safety

Being Environment friendly, pet friendly, ecofriendly & does not disturb ecological balance.

HIGHLIGHTS

One powerful product for effective and healthy vegetative growth and development of the crops

Provides better tolerance against various stress conditions

Increases general plant productivity in terms of yield as well as plant stem strength

Improves immunity and plant metabolism

Increases nutrient uptake, root growth and stress tolerance capacity

For use in conventional, sustainable and organic production

Environmentally safe

Be in touch with your Retailer or Green Earth Team member. You can also directly get in touch with us:

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www.greenearth.world

