

# Inhana Rational Farming (IRF) Technology



*Ensures a truly Organic Agricultural System  
Assures both Ecological & Economical Sustainability  
Activates the Plant Physiology through  
Energy Management Principle*

**A Unique blend of Ancient Wisdom & Modern Science**



**IN HArmony with NATure**

## Background

The modernist faith in technological fixes derives from the mechanistic worldview, which assumes that the world is a machine with precisely linear relationships between the parts. We were charmed to see the wonderful effects of modern science that started its romantic journey with ammonia to increase food grain yields. The chemical – oriented technology was developed at a time when nobody could even imagine that it could have any deleterious effects on soil, water or atmosphere or on the production of other items in the food package.

Science never does any more than mimic a virtual image of nature that exists only in the human mind, so what it grasps is only an incomplete and inferior imitation of the real thing

**I can assert here without the least doubt that  
anything created by man with scientific  
knowledge will always be inferior to nature.**

**-Masanabu Fukukaka**

Today mankind is aghast at the devastating side-effects of some of its creation. In today's society man is delinked from nature & human knowledge is arbitrary. Man's environment is under constant threat from his own activities and engulfed in an ecological crisis. In fact, nature gave warning signals in different forms. However, man did not care and continued to take the assistance of modern technology to fight with nature and the sustainability of agriculture is at stake today.

Truly speaking chemicalization was an attempt by modern science to prove it could dominate nature by producing more food in less time for all hungry stomachs. However, only a few decades of such magical spell has landed us at a dead end today where sustainable productivity has become a distant dream while irreversible state of soil and environmental deactivation, pest and disease insurgence and food toxicity have become the reality.

Modern Science, which has adopted Reductionism as its MANTRA, will always fail to acknowledge the Integrated Approach of Nature







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## Search for An Alternative Agriculture

The concept of sustainability in agriculture has been developed mainly as a result of growing awareness of negative impacts of intensive farming systems on the environment and human health. Intensive farming systems are based on genetically homogenous high yielding hybrid crop varieties, vulnerable to pests and diseases. High yields are obtained only through dependency on external inputs (especially nonrenewable fossil energy, fertilizers and pesticides) which are continuously decreasing air, water, soil and food quality leading to the loss of biodiversity.

End Hunger, Achieve Food Security and Improve Nutrition is at the heart of the Sustainable Development Goals. At the same time, climate change is already impacting agriculture and food security and will make the challenge of ending hunger and malnutrition even more difficult. At a global level agriculture in the 21st century food production will face multiple limiting factors for key resources such as land, water, energy and other inputs. Addressing the food-energy-climate change nexus will be agriculture's greatest challenge in this century. Agriculture must undergo a significant transformation in order to meet the Food Security & responding Climate Change. **The production system must be more resilient with higher resource utilization efficiency for production.**

**SUSTAINABLE AGRICULTURE** as defined 'the management and utilization of the agricultural ecosystem in a way that maintains its biological diversity, productivity, regeneration capacity, vitality, and ability to function, so that it can fulfill – today and in the future – significant ecological, economic and social functions at the local, national and global levels and does not harm other ecosystems'. (Lewandowski et al.,1999)

# Organic Farming the Supreme form of Alternative Agriculture

Organic farming has become imperative for crop sustainability apart from ecological restoration. As natural resources become increasingly scarce, the transition to a more resource efficient economy must be a top priority over the coming years. The challenge for agriculture lies in securing sufficient food supply for future generations while reducing resource use and increasing resource recycling. Only Organic farming has the potential to confront all the challenges ahead.

But there is a huge gap between the theoretical aspect of true organic farming and the current organic methods that are applied. Present conventional organic farming methods either concentrate on physiology or philosophy alone. They either focus on manifestation or depends on the nature to take its own control, which takes huge time. Conventional Organic Pest management following the same chemical approach only through milder and weaker options/alternatives leads to heavy crop loss. Application of soil inputs based on nutrient calculation fails to provide the desired soil development, hence the same Annual Balance Sheet arises like chemical fertilizers with huge addition to cost. Most importantly, no science have ever been explained behind each step of operation. Hence, the relation and performance of CAUSE – REMEDY – EFFECT has been always remained unexplained.

**All these give a bad name to Organic Farming as Incompetent, Ineffective, Costly & Prolonged Time Taking etc.**

**If a scientific understanding of true organic farming could have been developed it would never been abandoned as obsoleted and primitive.**

True Organic Farming is  
**W**HOLISTIC  
SCIENCE

Yes! Organic Farming Can feed the World  
&  
Is the Climate Solution



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# Inhana Rational Farming (IRF) Technology

Deeply concerned with this scenario of impending agricultural disaster **Inhana Organic Research Foundation (IORF), Kolkata** started its journey of research for a technology that can address Ecology, Crop Production and Social Aspect. Thus research initiative founded by an Indian scientist **Dr. Phalguni Das Biswas**.

In the year 1998, Dr. P. Das Biswas left his pharmaceutical world to join a group of people searching the ultimate truth from the realm of 'Indian Vedas'. The re- search revealed that none of the steps recommended in modern conventional farming methods could be approved by Nature Science and thus demanded a paradigm shift in the practice of agriculture.

IORF was born for this search to protect Biodiversity and promote Scientific Organic Farming.

IORF accept the sole responsibility of growing awareness in the agricultural fraternities of our rich heritage and the lost understanding of nature, abandoned as obsolete like many other valuable traditions. Our traditional wisdom stressed a wholistic system, where the interdependence of all animate and inanimate objects made them one Whole and Entire Being, thus IORF's message is – 'Nature is not only Holistic, it is WHOLISTIC'. Once broken down, nature can not be returned to its original state. Union is always superior to division, the undifferentiated to the differentiated.

IORF perhaps the only organization developed the complete organic technology in the name of **Inhana Rational Farming (IRF)Technology - a beautiful blend of Ancient Wisdom and Modern Science, for the first time in the globe which ensures both Ecological & Economical Sustainability right from the day one of the conversion**. From the first day of inception Inhana understood that the guiding principle of True Organic Science should be '**Change in Principle and Not Change in Input**', because present organic methods/ practices follow the same old principle/compartmental approach of chemical farming only substitutes the inputs. A successful Crop production depends only on the successful implementation of the soil, water, nutrient and plant management technologies. More specifically, Organic Farming as referred as ecological farming itself demands a comprehensive approach for management and only the practice can best utilize the potential of nature can succeed the objectivity.

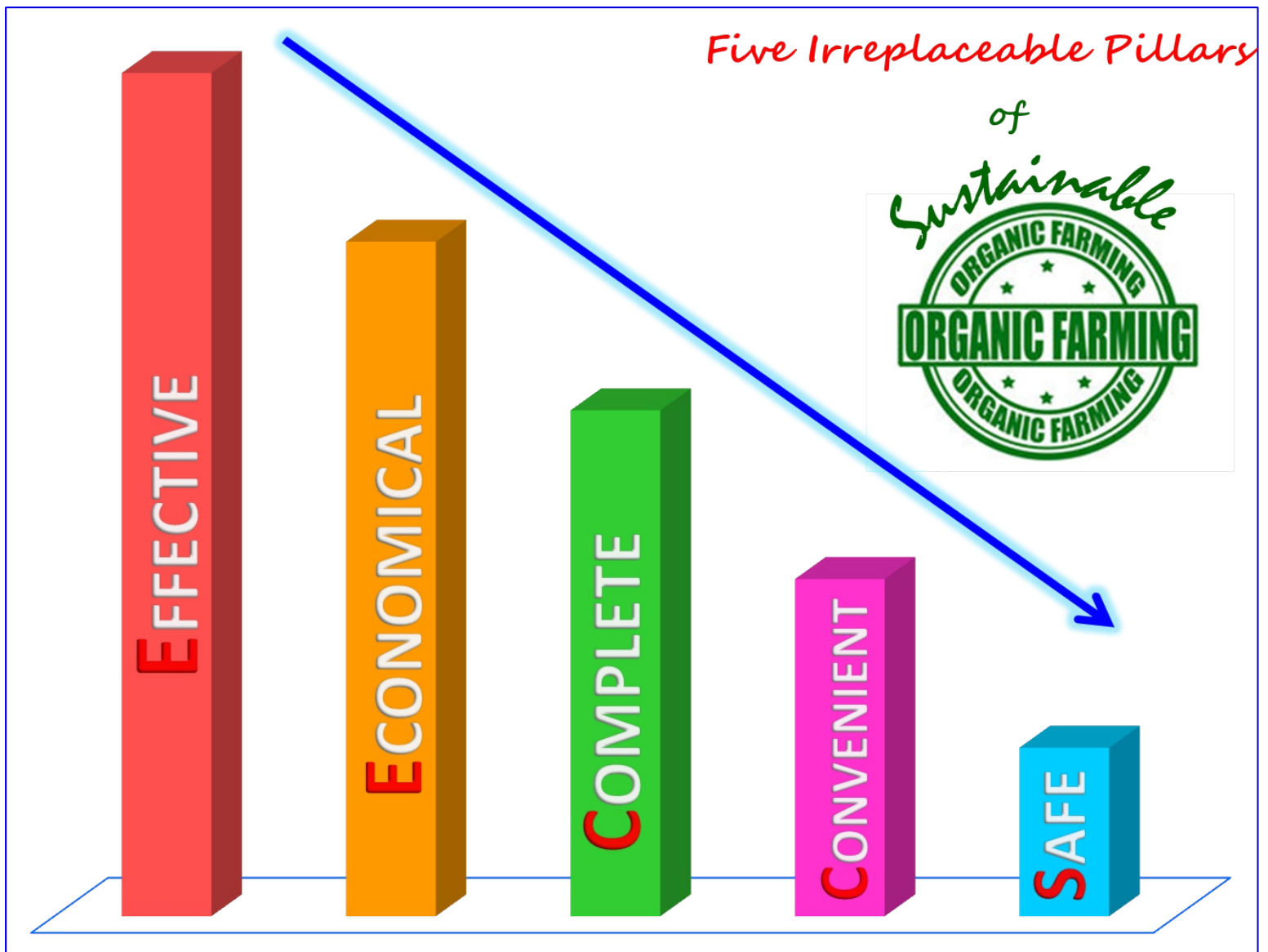
## IRF Technology

*Successfully answer all the Theory, Criteria & Ambiguities related to Organic Farming*



# IRF Technology ..... shift the focus to Comprehensive Approach from the conventionally practiced Compartmental One

An Agricultural Technology is the application of organized and scientific knowledge that address and solve the practical problems which constrain agricultural productivity, and while boost productivity, conserve the natural resources. IORF realized that any crop production technology must be ecologically and economically viable with complete scientific understanding of each components and steps and such a method has to stand on the five irreplaceable pillars for large scale sustainability.



*Five essential pillars that are Irreplaceable & inevitable for the viability of any ORGANIC FARMING method to be successful*

IRF Technology is perhaps the only technology so far attains the Principle of Organic Farming both in its APPROACH & APPLICATION at the best.

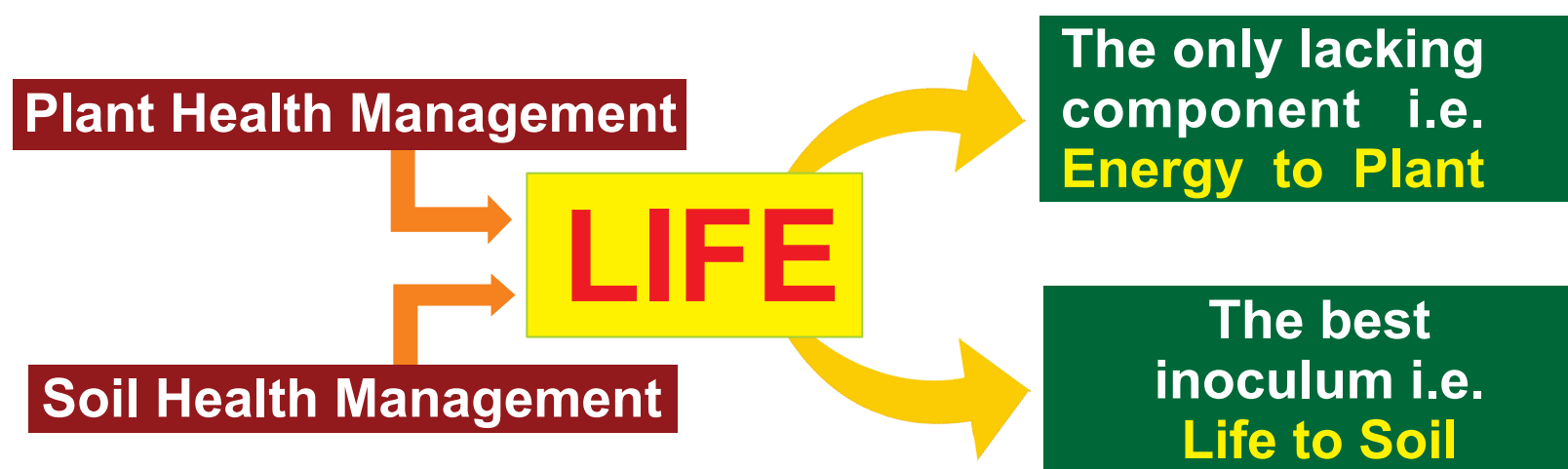
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IORF works for promoting ecological agriculture based on biodiversity, keeping consideration economics and food security. Research has proved that contrary to the dominant assumptions; Ecological Agriculture is highly productive and is the only lasting solution to hunger and poverty. Restoration of Environment for SAFE Food Production laid the foundation of IRF Technology. For us, Organic agriculture is not just a method of farming. It is saving the Earth and its eco-system.

# Inhana Rational Farming (IRF) Technology

**ensure to provide this VERY  
ENVIRONMENT through its  
Plant & Soil Health Management Package**



IRF Technology, a comprehensive organic farming method, which attempts to provide an ideal environment to both soil and plant thereby brings about qualitative changes in their performance. No quantitative application, no ritual approach and scientific explanation behind each step as well as its principle are the key parameters of Inhana Rational Farming (IRF) Technology. The method recommends two tier approach i.e.

**i) Soil Health Management**

**ii) Plant Health Management**



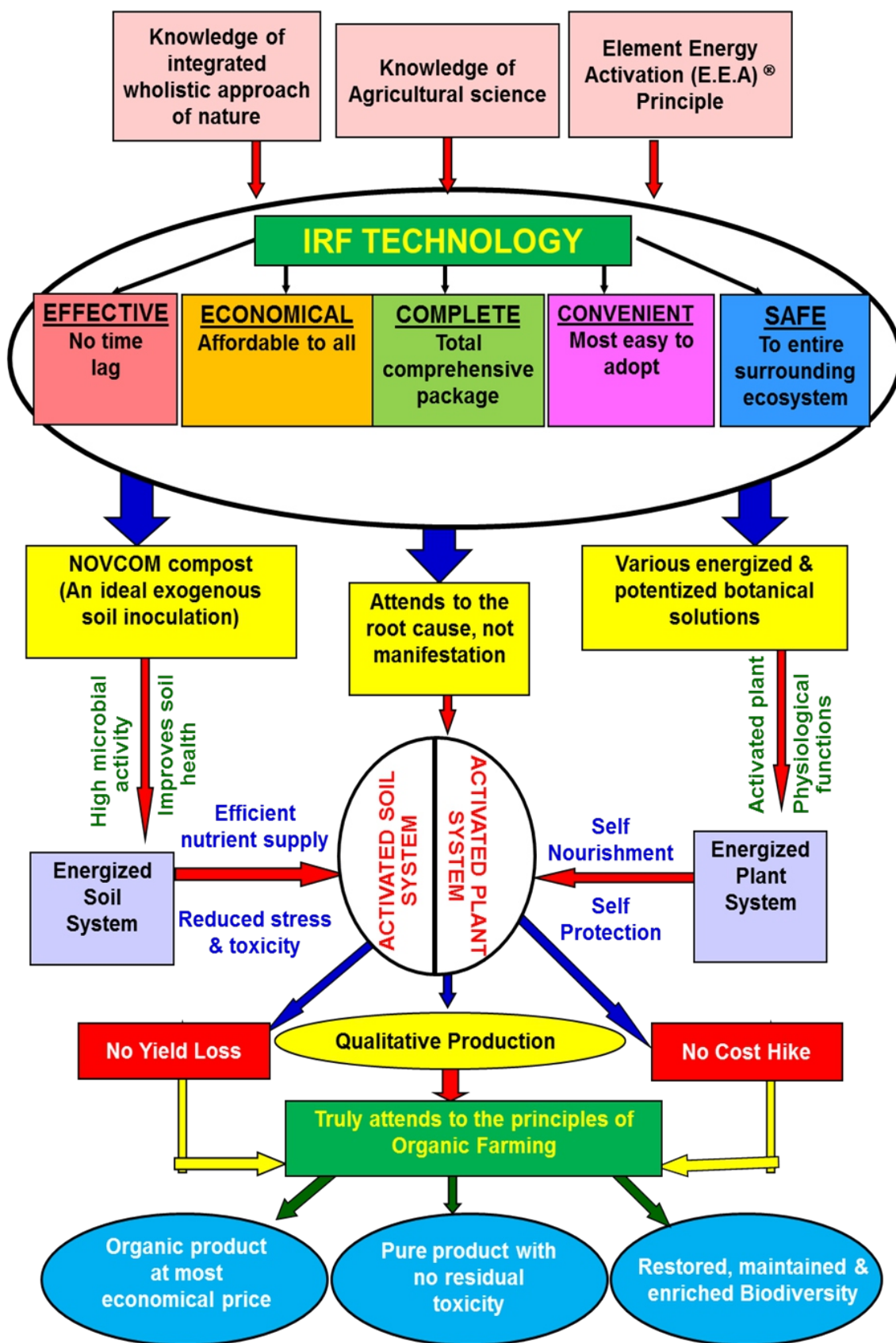
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## INHANA RATIONAL FARMING(IRF) TECHNOLOGY

*An Ideal Organic Farming Methodology*







# Soil Health Management

Soil is primarily an inert matter and is enlivened by the presence of various lifeforms and millions of microorganisms, which work towards the conversion, utilization and assimilation of stored as well as applied nutrients in the soil. **Inert Soil becomes dynamic when life forms are present in their desired diversity & population.**

So in order to increase the soil dynamism leading to enhance the conversion of stored material in the soil and making them available for the plants, then, A Rich Diversified Self- Generated Pool of Microorganism is needed. **Soil Health Management under IRF Technology basically aims to restore, proliferate and rejuvenate the native soil microflora population towards re-instatement of the natural soil ecological processes. This in turn can bring about a positive change in the physicochemical properties and restore the natural soil-plant nutrient dynamics, in order to enable the soil to act as a good growing medium for plants.**

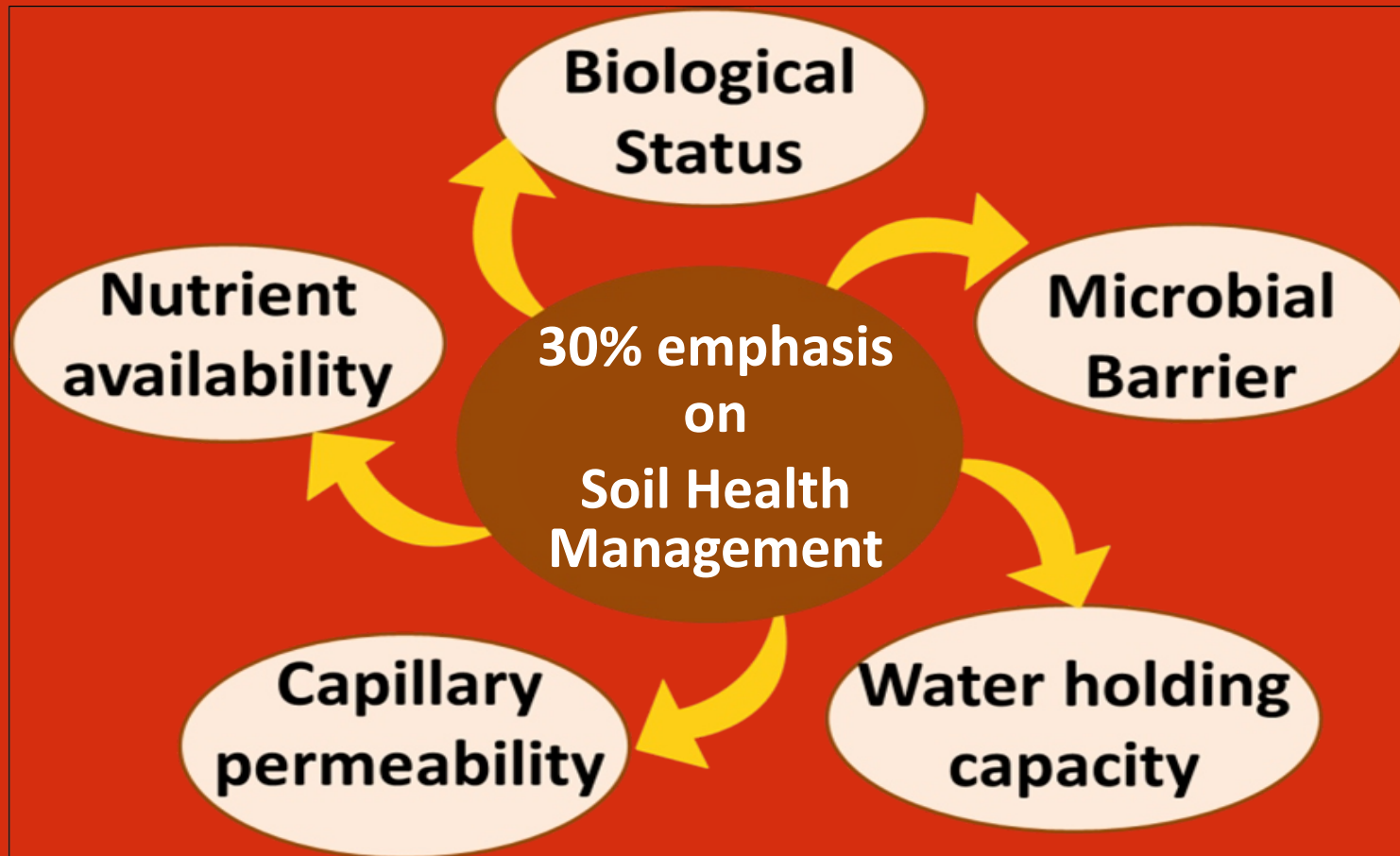
**Thus focus need to be shifted from - Quantitative Approach to Qualitative Approach**

**Soil Health Management has three dimensional approach.**

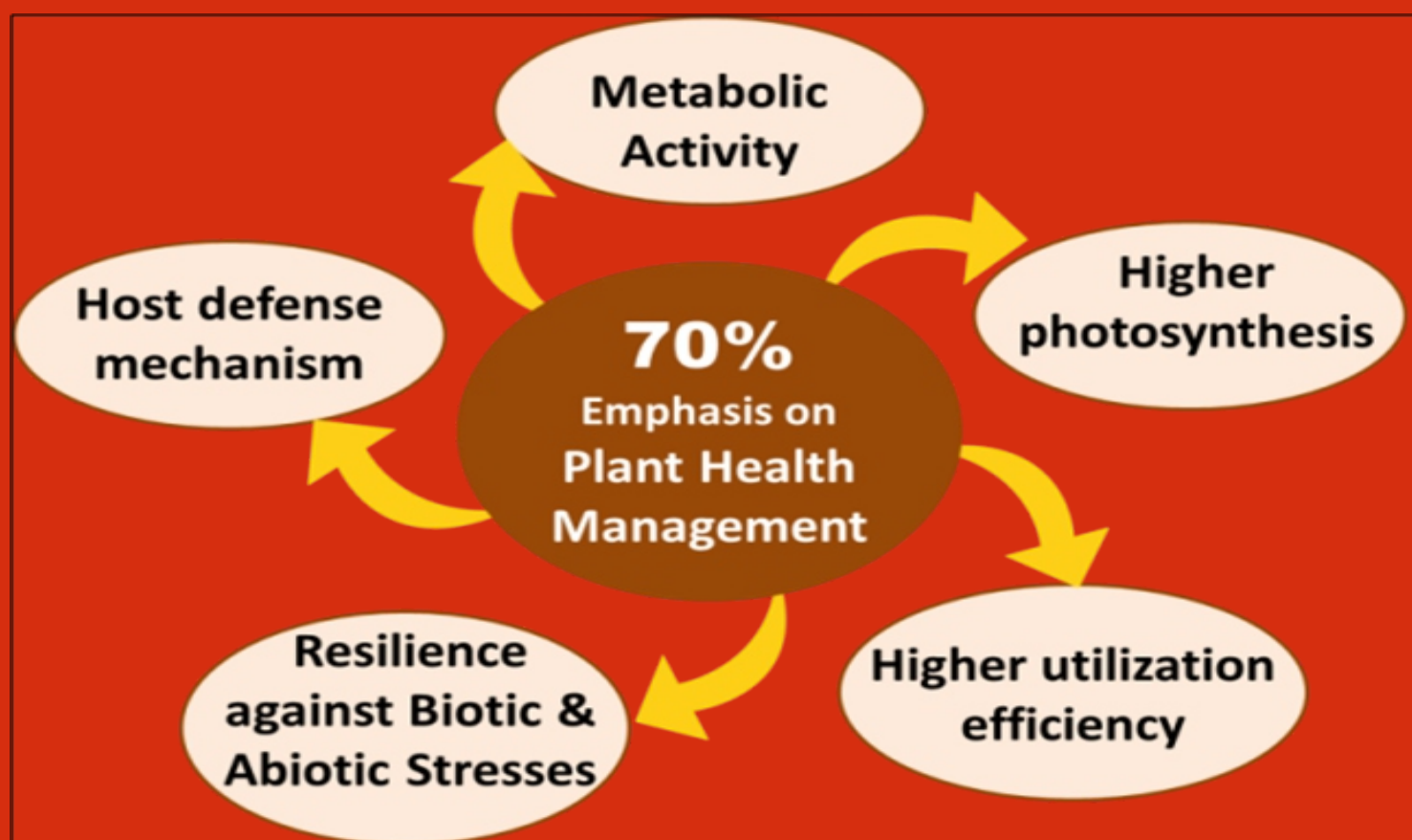
- Building up the soil biological status & microbiological barrier,
- Development of soil quality i.e. higher water holding capacity, lower bulk density, and higher soil respiration activities.
- Enhancement of the soil functional status towards sustaining biological productivity, maintain environmental quality and promote plant health.

Soil management under this method mainly aims for energization of the soil system through restoration, proliferation and reactivation of the living components of soil primarily by application of Novcom Compost produced under Novcom Composting Method. Along with this different cultural practices viz. mulching, in-situ composting, green manuring, cover crops, application of cow dung and cow urine formulations etc. are also recommended as per specific requirement

**In terms of its OBJECTIVITY its RELEVANCE is 100% but IRF Technology emphasizes 30% , QUALITATIVELY on the Soil Health Management because restoration of Soil Health is time taking & even if is achieved, alone cannot ensure the Sustainability.**



In terms of its **OBJECTIVITY** its **RELEVANCE** is 100% but IRF Technology emphasizes 30% , **QUALITATIVELY** on the Soil Health Management because restoration of Soil Health is time taking & even if is achieved, alone cannot ensure the Sustainability.



PLANT HEALTH MANAGEMENT

**BOTH QUALITATIVELY & QUANTITATIVELY**

Alone ACTIVATED PLANT PHYSIOLOGY, ENSURES CROP SECURITY ..... Even where 100% Organic Soil Amendment is not available & under Changing Climate



# Plant Health Management

A healthy soil should does not always & fully ensure healthy plants, as in the present scenario where the plants have lost their inherent capacities of drawing nutrients from soil due to long term exposure to synthetic chemicals, along with the predominance of designed varieties (clones) that are totally dependent on fertilizers. Activated plant physiology is the key for ensuring crop under organic, but there is no such concept under conventional organic methods, which harp on the theory that mere removal of chemicals and their substitution by organic inputs can restore plant vitality.

**Inhana Rational Farming (IRF) Technology believes that the two inherent qualities of the plants i.e. Sense of Self Nourishment and Sense of self Protection, which now seem to be completely deactivated, can be once again activated through energization of the plant system.**

In the plant system a series of functions occur both independently and interdependently; to comply the Growth Process in a Balanced and Desired manner and these functions are controlled and governed by **VARIOUS ENERGIES** at the specific site of the plant system.

**Plant Health Management under IRF Technology has three objectives to accomplish**

- **Efficient Nutrient uptake & desired uptake of Nutrients**
- **Effective Metabolism**
- **Enhanced Immunity**



To energize, stimulate and activate the plant system IRF Technology recommends various Potentized and Energized botanical solutions developed by Inhana, which work under Element-Energy-Activation (E.E.A) Principle. The various Potentized and Energized Botanical Extracts or Inhana Solutions are nothing but **PURE ENERGY FORMS** derived from the same plant source. These solutions are applied in a schedule for bringing about **Plant's Own Energy Components in the Most Assimilable Form** & harmonized plant growth through reactivation of different plant biochemical reactions viz. photosynthesis, respiration, transpiration etc. These solutions do not add any element from outside, but only provide the desired energies that stimulate and activate the plant system so that they can efficiently uptake, assimilate and translocate the nutrients within their system in the most productive manner. These solutions do not add any hormones or growth promoters as these ingredients are secreted naturally under such energized plant system.

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## OBJECTIVE & PRINCIPLE OF IRF TECHNOLOGY

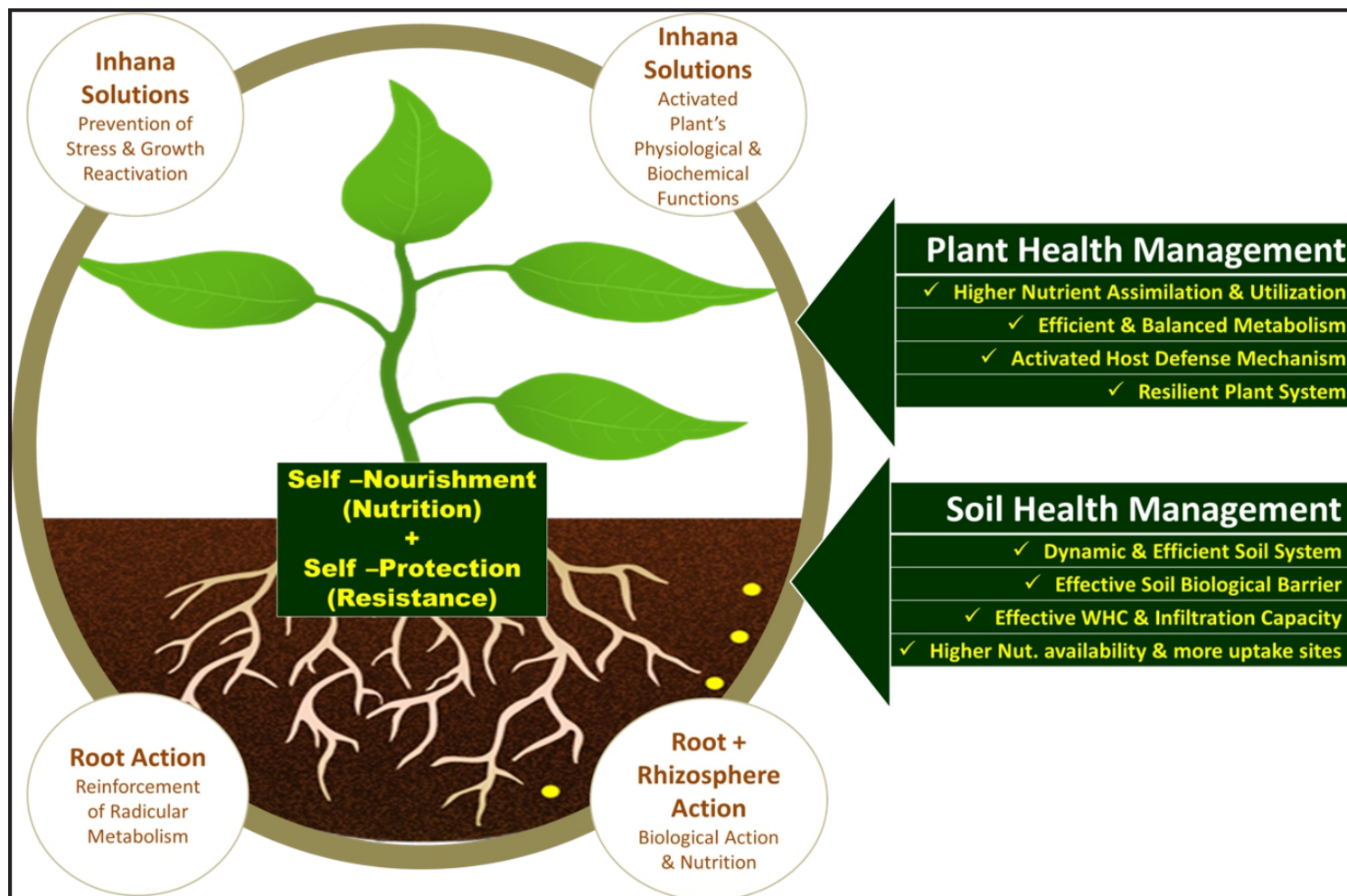
The objective of IRF Technology is to revive and restore the two original qualities of the plant kingdom:

**Sense of Self-Nourishment**

**Sense of Self-Protection**

The two qualities most meticulously designed and implanted in the plant system from the 1st day of evolution are now deactivated because of chemical inputs promoted by the reductionist modern science.

Dr. P. Das Biswas, the developer of IRF Technology understood that returning back these lost qualities would also surely bring back the sustainability, higher resource recovery system and renewability. He found that the single most deficient factor, if provided can make the plant and soil system most efficient and that factor is Energy.





# ELEMENT- ENERGY ACTIVATION (E.E.A.) PRINCIPLE BEHIND INHANA RATIONAL FARMING (IRF) TECHNOLOGY

All living bodies are like machines and the vital driving force or energy behind them is “Chaitanya Shakti” or Basic Life Force. **Solar energy is the manifestation of “Chaitanya Shakti”.** Except at birth and at death, two major processes (Nourishment & Protection) are going on in every living body.

Plants are the only living bodies can produce food not only for themselves but for all the living entities of the Planet. They are the only Food Producers of the Earth converting the Solar Energy into Chemical Energy and channelize into fruits, flower, grains & fibers.

Plants being the only food producers of the world has two unique qualities ‘Sense of Self Nourishment’ & ‘Sense of Self Protection’.

Two inbuilt qualities of the plant system operate in super scientific, precisioned and orchestral manner, till we human interferes it.

## The Mechanism of Self- Nourishment in Plant System

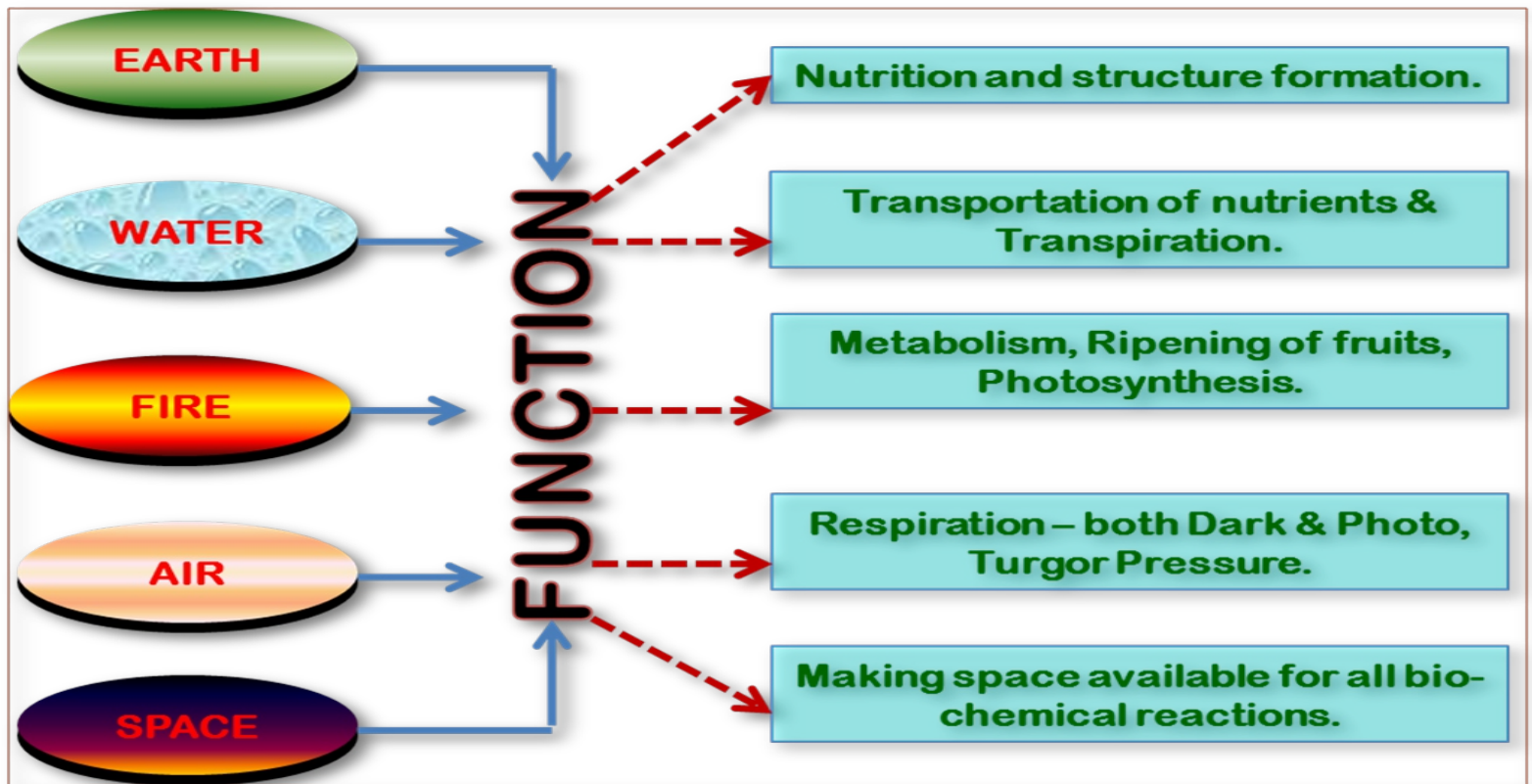
Five Basic elements i.e. **Cosmic Ether, Cosmic Air, Cosmic Fire, Cosmic Water & Cosmic Earth** are the basics of manifestation of plant system. **Only their different proportion distinguishes one life from another. In the basic ecological order i.e. plant kingdom, they are only differential amongst the species and genera – which is mostly related with their carbonic pathway.**



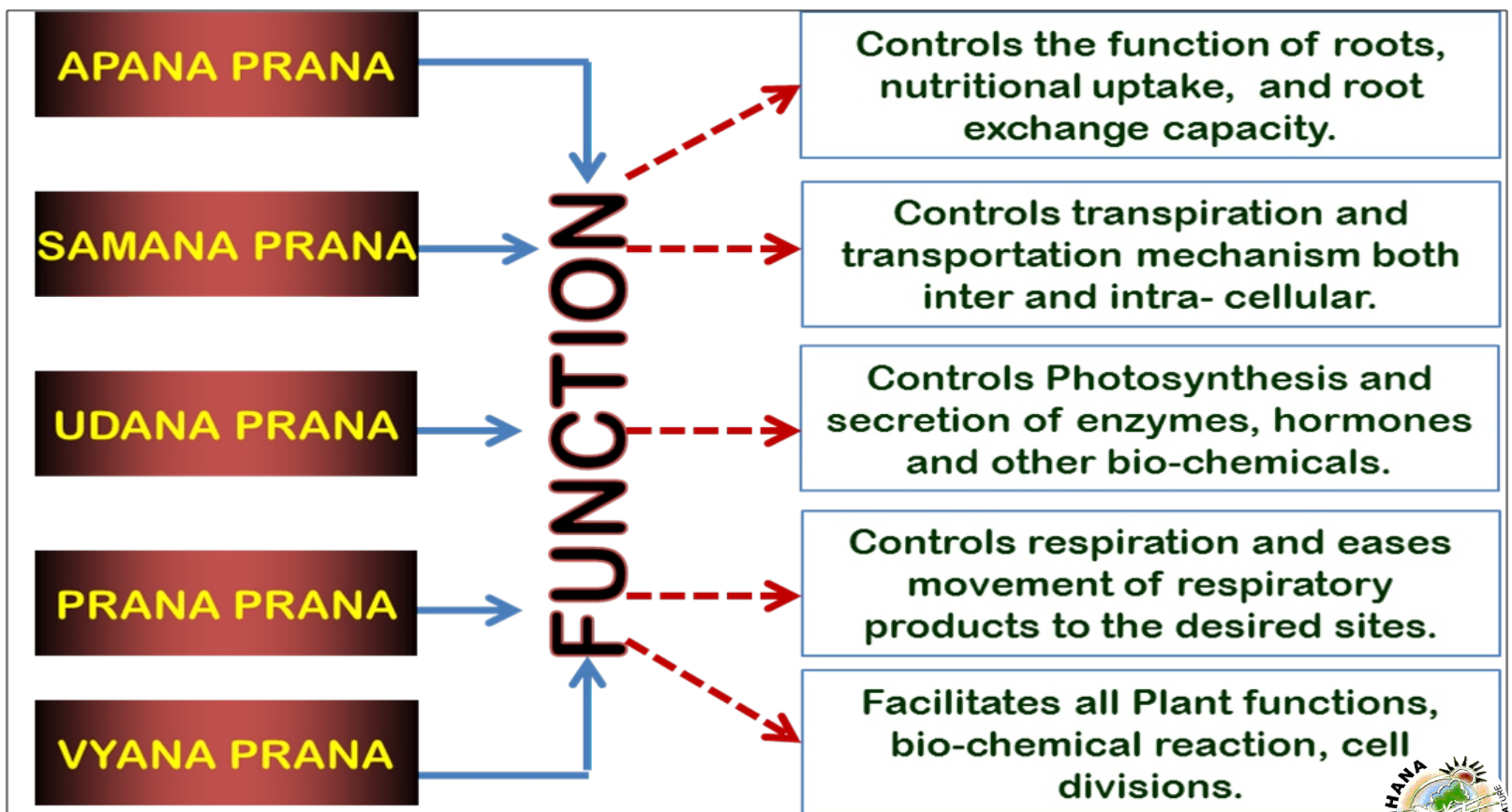
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# ELEMENT- ENERGY ACTIVATION (E.E.A.) PRINCIPLE BEHIND INHANA RATIONAL FARMING (IRF) TECHNOLOGY

The individual element responsible for specific mechanism of  
Self Nourishment



The individual Life Forces, governing principle behind all  
interrelated function of the plant system.





# ELEMENT- ENERGY ACTIVATION (E.E.A.) PRINCIPLE BEHIND INHANA RATIONAL FARMING (IRF) TECHNOLOGY

## The Mechanism of Self- Protection in Plant System

Since Universal Prana or Basic Life Force pervades all atoms of the universe and energy place in the cosmos, plants are no exception. **When different atoms co-ordinate into an organization or plant Body, Universal Prana or Basic Life Force embedded in each other become co-ordinated in a particular ways, this is called Specific Prana. Hence vital force or life specific Prana or Life Force pervades the whole body and diffuses in its functions in different parts of the plant body.**

**The Self-Defense Mechanism is said to be controlled by five different Life Forces or Prana-Shaktis. These are originated from the Basic Life-Force i.e., Solar Energy.**

**These Life Forces have two different significant roles. Firstly,** they are the vehicles of the Five Basic Elements and provide the necessary energy for enlivening the specific element. Without them function of these elements remain compromised.

**Secondly,** these Life Forces are the subtle power behind all mechanism and the governing principle behind all interrelated function of the plant system. A harmonious and orchestral plant function provides the high Plant Resilience. Thus they evade out all the imbalances and disequilibrium and there by restores inbuilt Defense Mechanism of the plants.

If there is any imbalance in sub functions like structure, Formation, Circulation, Metabolism etc. as well as Nourishment then the whole system tries to protect itself. This self-defense mechanism is controlled by five different **Life Forces or Prana Shaktis.**

**All these process, functions and sub-functions are interdependent and operate in an orchestral manner, in nature. Any imbalance leads to the disease or pest manifestation or lack of nourishment. According to EEA Principle to overcome the disease or pest infestation, life forces are to be stimulated instead of encountering from outside leading to unfavourable repercussions**

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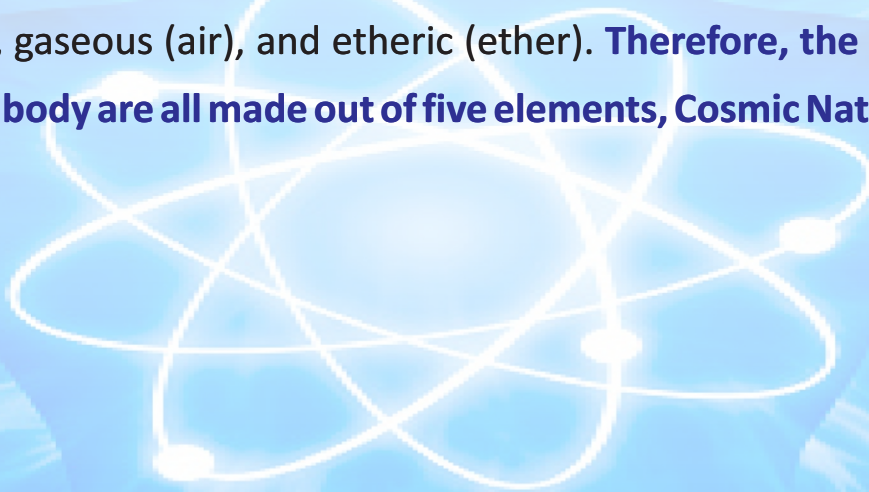


## Element and Energy Concept

All living creatures evolved from matter. As every form of material life and life- sustaining nourishment issued forth from the primordial ocean of gathered waters that formed as the earth solidified from gaseous nebulae, so in turn nebulae (all animate and inanimate matter) were precipitated from the ocean of gathered rains of astral cosmic energy, which is the essence of atoms, electrons, and the other elemental particles of matter.

By the intelligent mixture of the five cosmic elements acted upon by Prakriti, the universes are born. Spirit and Cosmic Nature materialize intelligence into the five subtle cosmic elements **(Mahabhutas)** into the finer- than- atomic forces of lifetrans and lifetrans into electrons, protons and atoms. Nature first gives rise to the intelligent vibratory ether, the subtle background on which all other vibrations interplay. Ether in turn gives rise to intelligent cosmic energy, **prana or Lifetrans**. This gives rise to the cosmic radiations and to electrons, protons & atoms.

The gaseous atoms are the link between energy and form; from the combination of atoms, fluids (water) are formed. From fluid elements sprang solids (earth). Thus are the five cosmic elements by the secret workings of Spirit and Nature, converted into the colossal universe and into the little physical body of man- gross matter that appears as solid (earth), liquid (water), light and heat (fire), gaseous (air), and etheric (ether). **Therefore, the universe and the little cosmos, the human body are all made out of five elements, Cosmic Nature and Spirit.**



# Evolutionary Principle of Life - The Basis of Energy Management Principle

The Mahabhutas or Basic Elements are the basics of manifestation, the causal substance of the 'Object of Senses'. On the material plane they inform and enliven matter. The crystallizing force keeps earth atoms in existence. Through the assimilating current the earth receives into soil, the forms of all vegetation, animal and human beings. The circulating currents keep the life force flowing through the earth atoms. Through the metabolizing currents, tissues of the earth become differentiated into rocks and minerals, vegetation, animals and human bodies. The eliminating current keeps the earth purified.

Prana or Life Force is an intelligent force but has no consciousness in the empirical, non-transcendental, sense. It is the Power lodged between Soul and Matter for the purpose of expressing the Former and moving the Latter.

**Universal Prana came into being in the following way. At the beginning, 'One Great Spirit' wished to create. Being one, 'He' wished to be many. This desire of 'His' being omnipotent had a creative force to outward, to project the Universe. It split 'The One' into many. Unity into Diversity.**

When different atoms coordinate into an organism – a tree, an animal, a human being - then the Universal Prana, embedded in each atom becomes coordinated in particular way and when we call it Specific Prana, Vital Force or Life Force. Though each cell – no, each atom of a body has a unit of Prana in it. Still all the units of all the atoms and cells are ruled over by one coordinating Prana, which is called Specific Prana or Life Force. The Pranas together with the five subtle vibration elements inform all matter in Solid, Liquid, Fiery, Gaseous and Etheric form.



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# Evolutionary Principle of Life - The Basis of Energy Management Principle

Prana is Force or Energy and all creation is a manifestation of force, a play of force. In this sense, the universe is filled with Prana. Everything that was, is or shall be is nothing but the different modes of expression of the universal force or 'Basic Life Force'.

**In the strictest sense, on the other hand, Prana means what is ordinarily called life or vitality of an organism on earth – the Prana of a plant, an animal, or a man means the life force or vital force for enlivening that form.**

Mechanical Principles are operative in every part of the body – in the heart, arteries, limbs, joints, bowels, muscles as well as in plants – roots, tissues, leaves, fruits, flowers, branches etc. chemical principle are also operative – in the lungs, stomach, liver, kidneys or in plants – in the xylems, petioles, stomata, roots etc. But to all of these activities do we not have to add something that is not mechanical or chemical in order to create and sustain life in an organism? That 'Something' is the vital force or energy, superior to other agents of life support.

The vital energy (life force) utilizes mechanical force to pump blood, to move food along the digestive tract, to flex muscles. It uses chemical force to digest food, to purify blood, to prepare bile etc. Similarly in plant system mechanical force is utilized by the vital energy to imbibe the nutrient, to respire, to transpire, to transport of nutrients and water. It utilizes chemical forces to digest food, to assimilate, to secrete hormones and enzymes, to photosynthesis, to prepare proteins. These are the manifestations of Prana or Energy on the Matter or Elements. There is a wonderful connection and cooperation among the cells in all parts of the body. Prana is the ruler of the organization. It is super intending, organizing, coordinating, building and repairing power of the body.



# Evolutionary Principle of Life - The Basis of Energy Management Principle

Specific Prana pervades the whole body and differs in its functions in different parts. It can be classified into five different Pranas according to these functions:

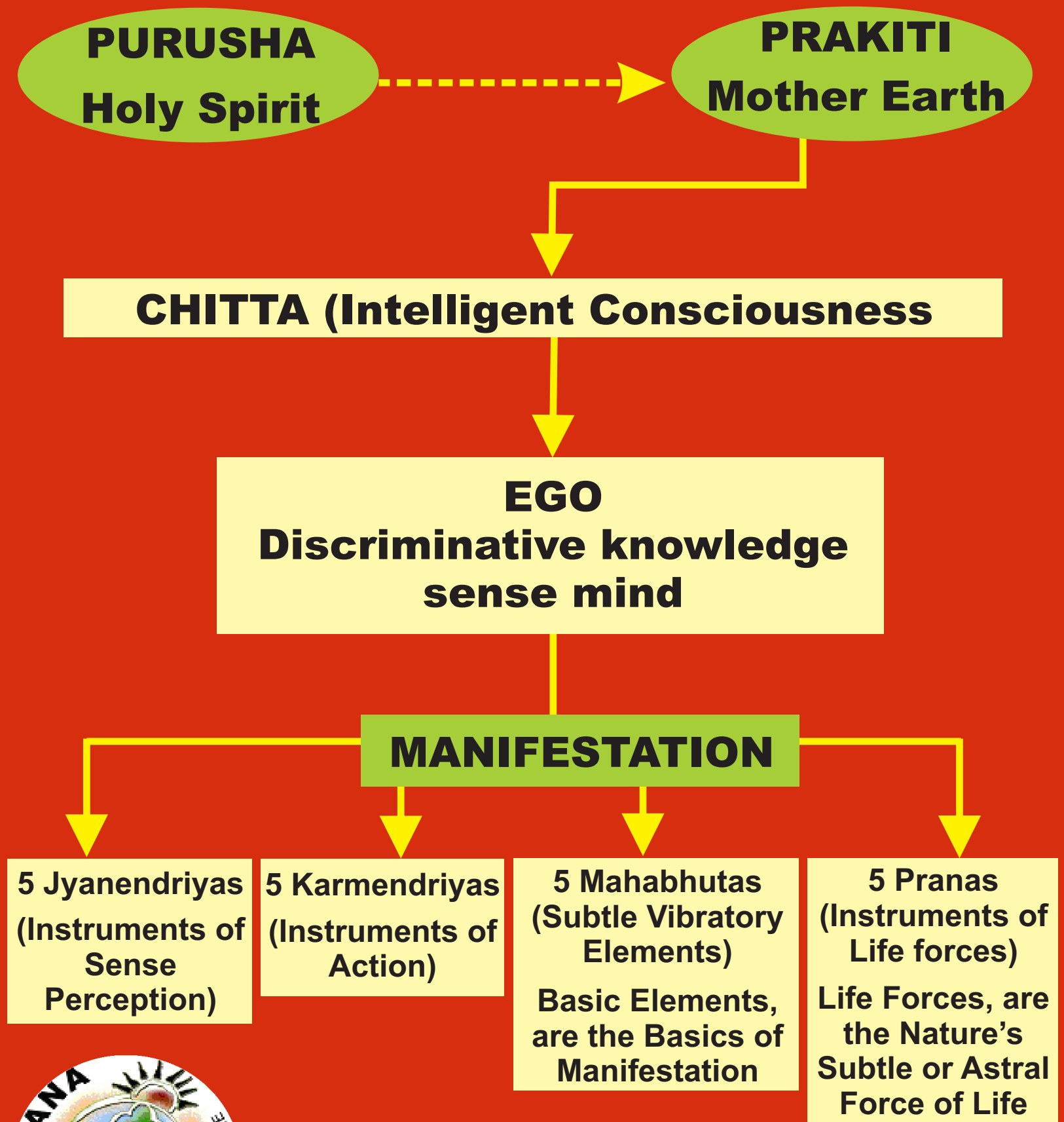
- 1. Apana Prana or the Power of Excretion, the scavenger energy of the body, by which bodily waste products are thrown out.**
- 2. Samana Prana or assimilation, digestion by which various foods are processed and assimilated for the nourishment of the body and for building new cells.**
- 3. Udana Prana or the power by which cells are differentiated in their functions (like growing hair, or skin, or muscle and so on) by infinite disintegration and integration among themselves.**
- 4. Vyana Prana or the power of circulation throughout the body.**
- 5. Prana Prana or by pre-eminence or by crystallizing power that brings all other functions into manifestations.**

**The five Pranas, though separate and interrelated, act in harmony and interdependence.**

Cosmic Nature of triple qualities evolves creation through Twenty Four (24) Principles. These twenty four principles of the Evolutionary Process of Nature, from Spirit to Matter. According to Sankhya Yoga, which is concerned with the practical application of these principles Spirit becomes Matter and by which Matter can be resolved again into Spirit. Here Abstract Qualities of Matter (Tanmatras) and Subtle Elements of Gross Matter (Mahabhutas) that arise from Tanmatras are implicitly included as one. The five Pranas, or Life Forces, are enumerated instead of Tanmatras or abstract qualities of matter.

**On the material plane life forces enliven matter. Life Force is an intelligent force but has no consciousness in the empirical, non-transcendental, sense. Life Forces or Prana neither grossly material, nor purely spiritual borrows from the soul and its power of activating the body.**

# Human Being having 24 Principles



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# Element Energy Management Principle in Plant System

Five Elements i.e. Cosmic ether, Cosmic air, Cosmic fire, Cosmic water, Cosmic earth are the basics of manifestation. Their different proportion distinguishes one life form from the other. In the basic ecological order (plant kingdom) they are only differential amongst the species and genera – which is mostly related with their Carbonic Pathway. The carbonic pathway is different in different Plant Species for meeting their role in maintaining the ecological balance. These mahabhutas or elements remain undistorted till any interference. By the intelligent mixture of five cosmic elements, the universes are born. The various form of creative intelligence materialize the five subtle cosmic elements (Mahabhutas) into the finer than atomic forces of Lifetrans, then Lifetrans into electrons, protons and atoms.

Prana is an intelligent force, but has no Consciousness in the empirical or transcendental sense. It is the basis of empirical consciousness but the soul is the ultimate consciousness. Since plants do not have any soul, thus mind or intellect, they are 'PURE NATURE'. HERE PRANAS ARE DIRECTLY OPERATIONAL ON MATTER.

**Since Universal Prana pervades all atoms of the Universe and every place in the Cosmos, plants are also not of any exception. When different atoms coordinate into an organization (Plant Body), Universal Prana embedded in each other becomes coordinated in a particular way.** Then it is called Specific Prana, Vital Force or Life. Specific Prana or Life Force pervades the whole body and differs in its functions in different parts of the plant body. It can be classified into Five different Pranas according to their functions, which are Apana, Samana, Udana, Prana and Vyana. The manifestation of functions of specific Pranas in the plant system is different than that in the human body as plants are 'Pure Nature' or PARAPRAKRITI.

## Element Energy Management Principle in Plant System

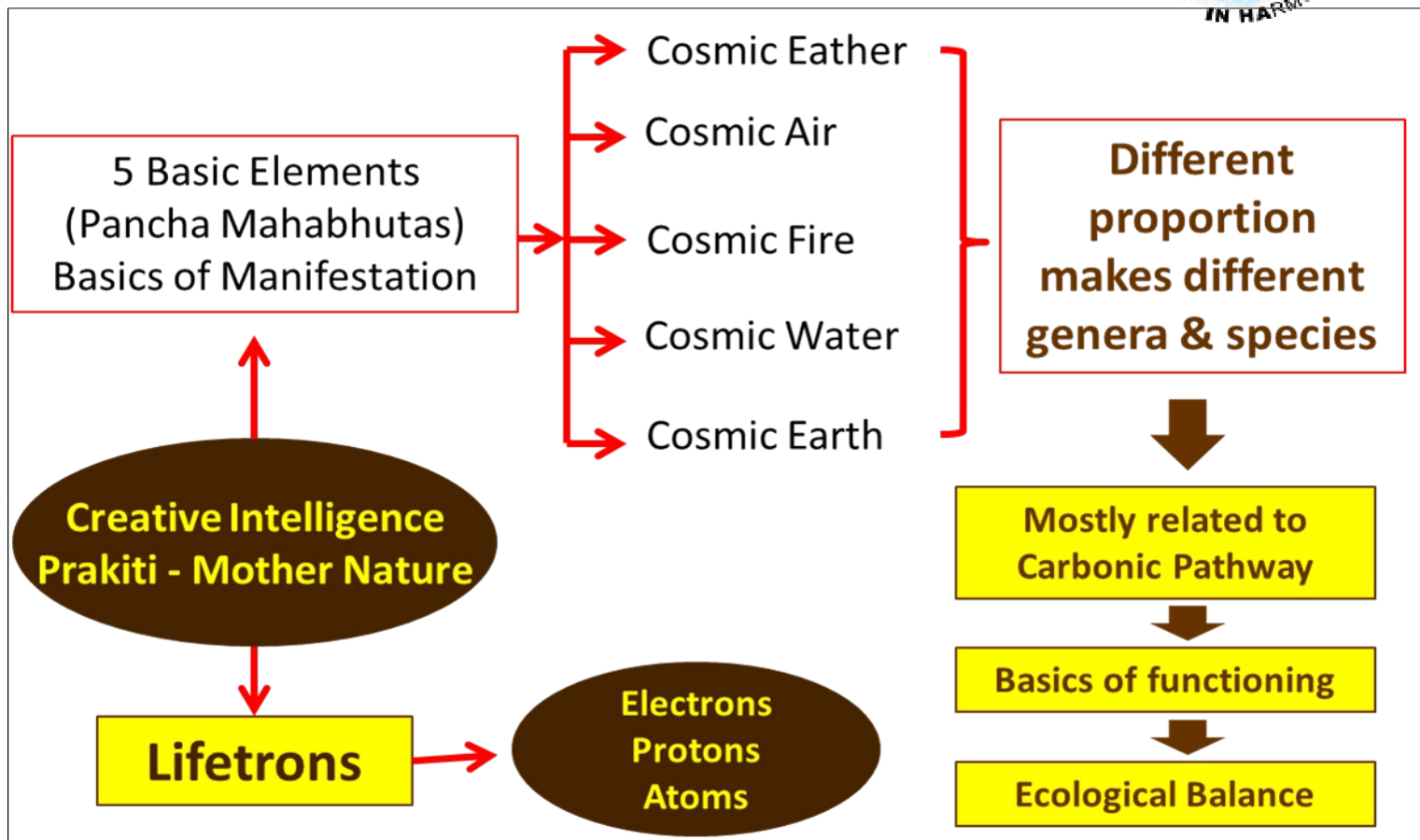
There is no need to have any scavenger energy because plants cannot pollute themselves unless they are polluted by external forces like human beings. Being the pure form of Nature they are not dependent on any external supply of food nourishment. Only what they need are the components (matter) embedded with gross energy, which are transformed into food by subtle energy prevailing within the system.



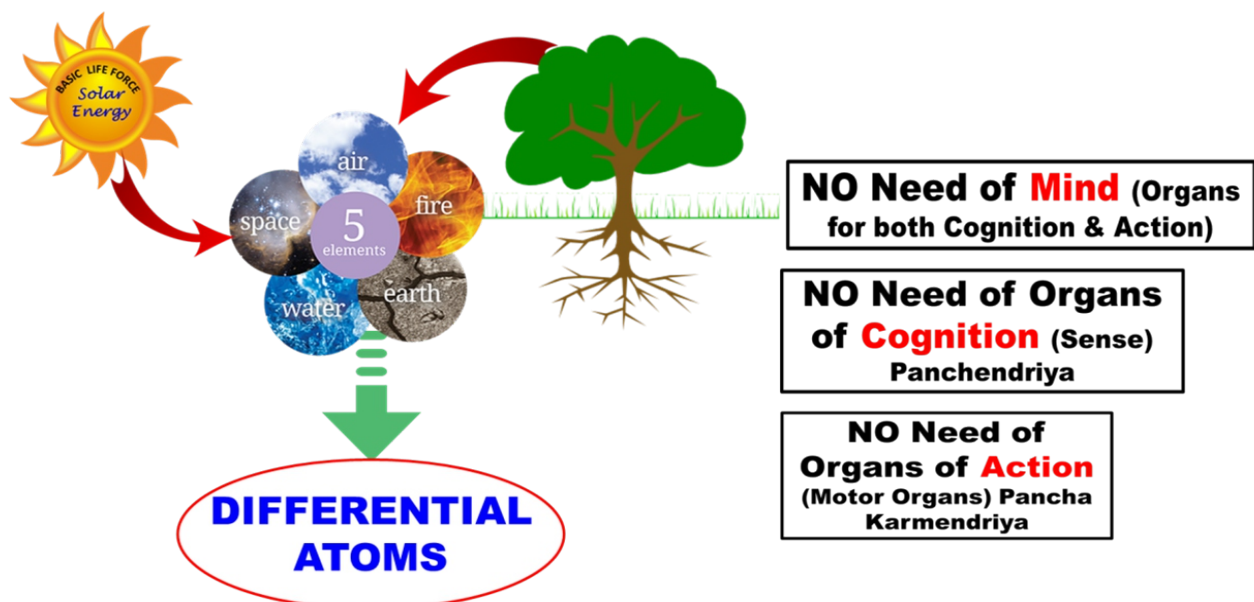
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# Evolutionary Principle in Plant System



## PLANTS BEING THE PURE NATURE....



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## Element Energy Management Principle in Plant System

Plants are the major life forms, which can receive/ trap energy, transform it into chemical energy, can store the energy both in gross (matter) form and subtle form. The energies stored in subtle nature is in the form of lifetrans, which are much finer than atomic forces. These lifetrans are changed into electrons, protons and atoms at the time of the activation of the matter.

Hence, the binding energy stored in the subtle manner in the plant system can be tremendous life force if separated by a fraction. These are again naturally accepted by any other plant system because the matter remains the same. Potentisation further enhances the activation potential because of separation of the life forces present as the binding energies changes into the lifetrans or their original/ basic state or intelligent cosmic energy or lifetrans. The basic life forces or energy becomes differential when they interact with the basic elements and thus forms five life forces. In the energy extraction method, the individual energies are isolated and potentised (releasing of binding energy from the mass).

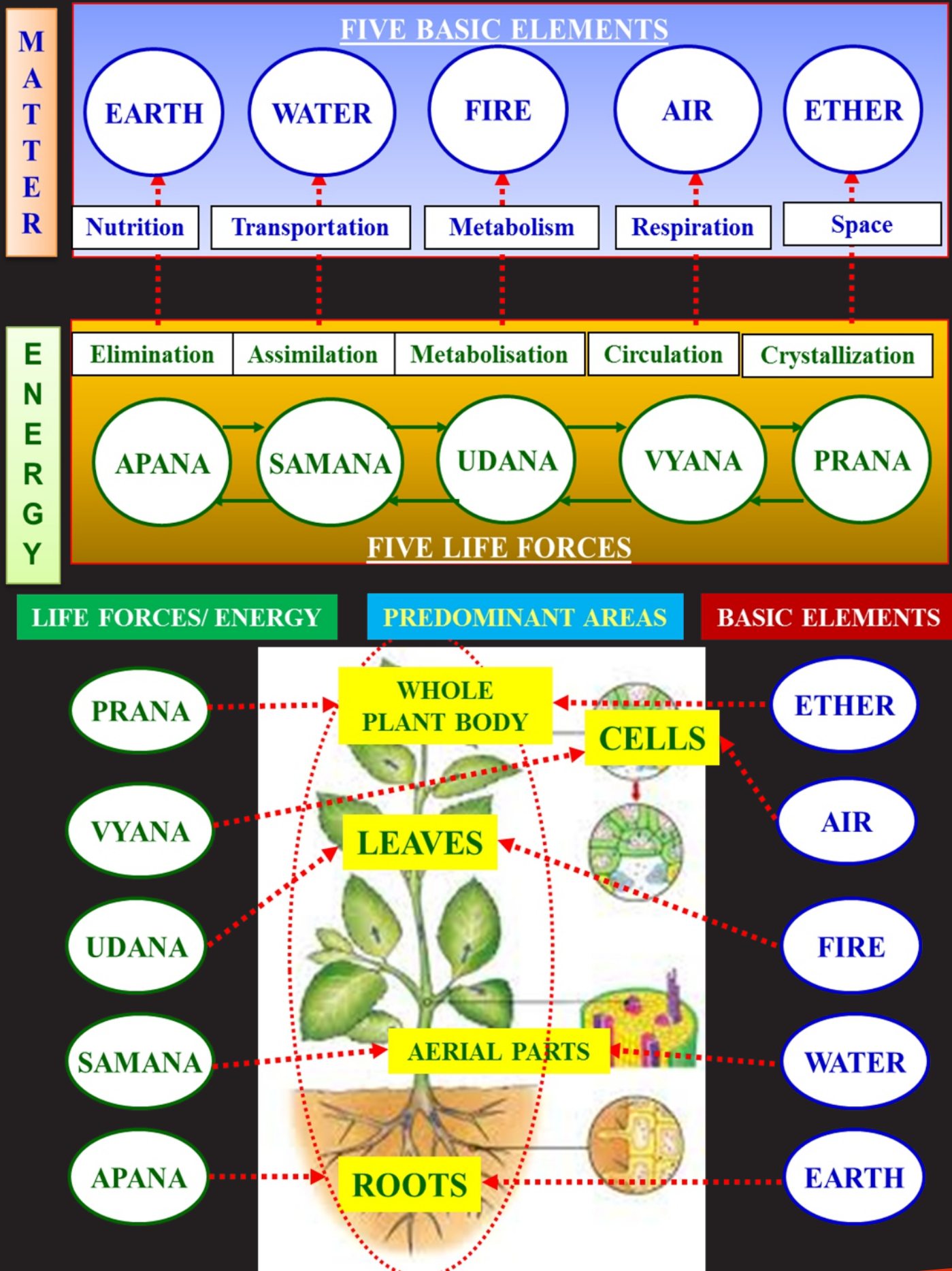
The Sun is considered as Nuclear Fusion Reactor The energy released from the Sun and reaches the earth is about 27000 times energy produced by all man made systems in the world. But total energy does not reach the earth surface due to atmospheric attenuations.

The source of Basic Life Force (Solar Energy) is Inexhaustible; process is Technologically Perfect and 100 % Pollution Free. But the biggest block is how to tap this energy directly or from the stored source.

**Energy specific plants which store the radiant solar energy or the basic life force in differential forms can serve as a potential medium of energy components, which when released at the right time and in the right proportion can make matter (hereby the plant physiological functions) functional at the desired level and to restore/ bring equilibrium.**



# Working Mechanism of Element Energy Activation (E.E.A) Principle



# INHANA SOLUTIONS - The Vehicle of IRF Technology

**'Inhana solutions' are developed on 'Element Energy Activation (E.E.A.)' Principle.**

These solutions are vastly different from any other herbal formulation considering that **they contain Energy Components in Activated Forms.**



**EVERYTHING  
IS ENERGY!**

$$E=mc^2$$

Radiant solar energy is stored in plants and this binding stored energy components are extracted from energy rich plant parts by a specific extraction procedure and subsequently potentized in the order of  $10^3$  to  $10^4$ , so that the Activated Energy Forms Release the Energy Components when Sprayed on the Plant System.

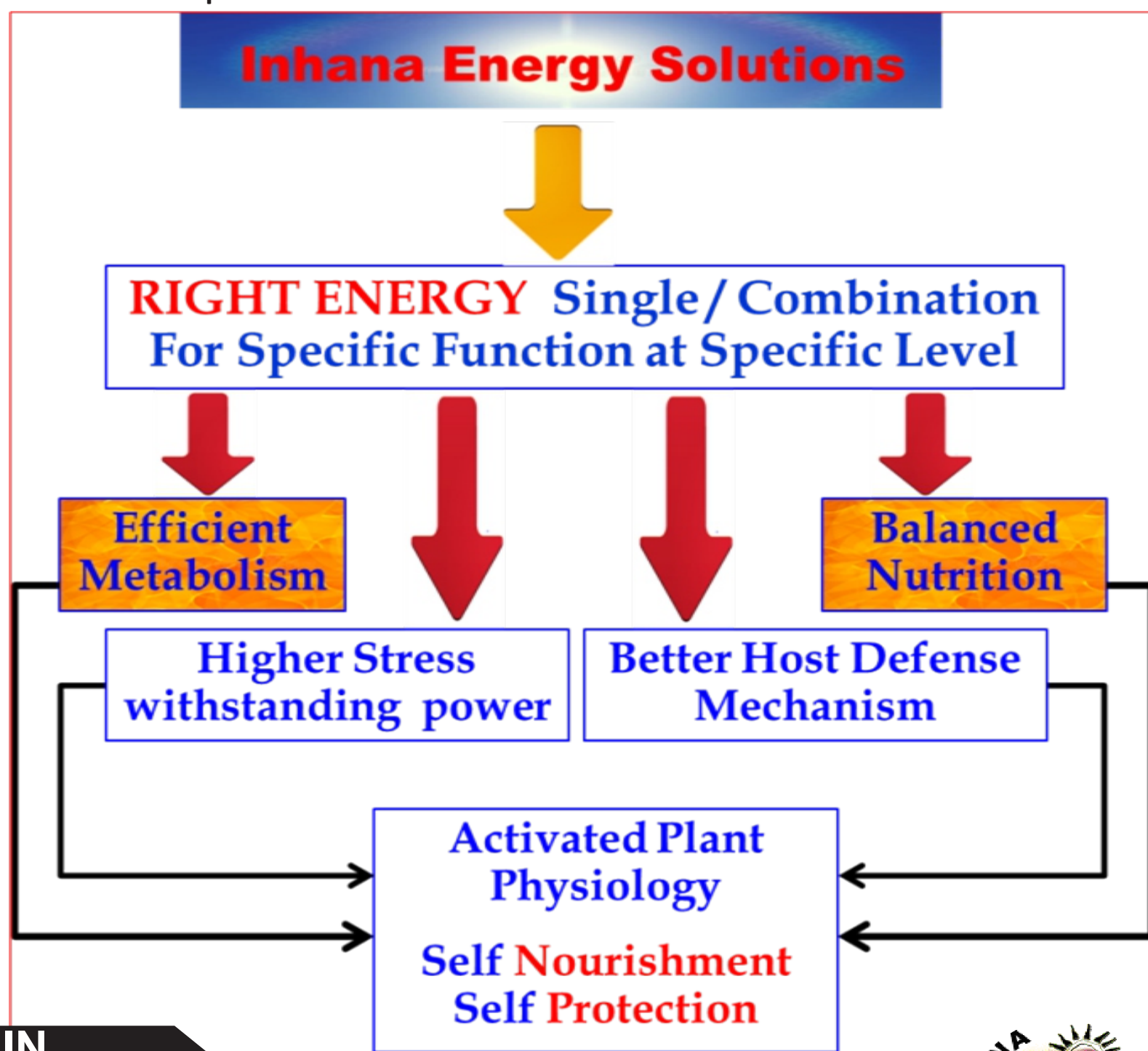
**'Inhana Energy Solutions'** potentized and energized botanical extracts are utilized by employing the principle of **"Energy Management"**, without the aid of external agents but only provide the necessary ENERGIES for activation of plant physiology, towards Better Nutrient Uptake/ Utilization and Better Host- Defense Mechanism of the Plant System.

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# How Inhana Solutions work?

- a) When Inhana Solutions are sprayed on the plants they just provide the necessary energy components that invigorate the various biochemical reactions.
- b) As for example, better biochemical responses aimed at better protein synthesis shall not only lead to a healthy plant but it also means that there shall be lesser pools of free amino acids and sugars that will negatively impact pest incidence.
- c) Better biochemical responses also mean activation of the biochemical and structural defenses of the plant.



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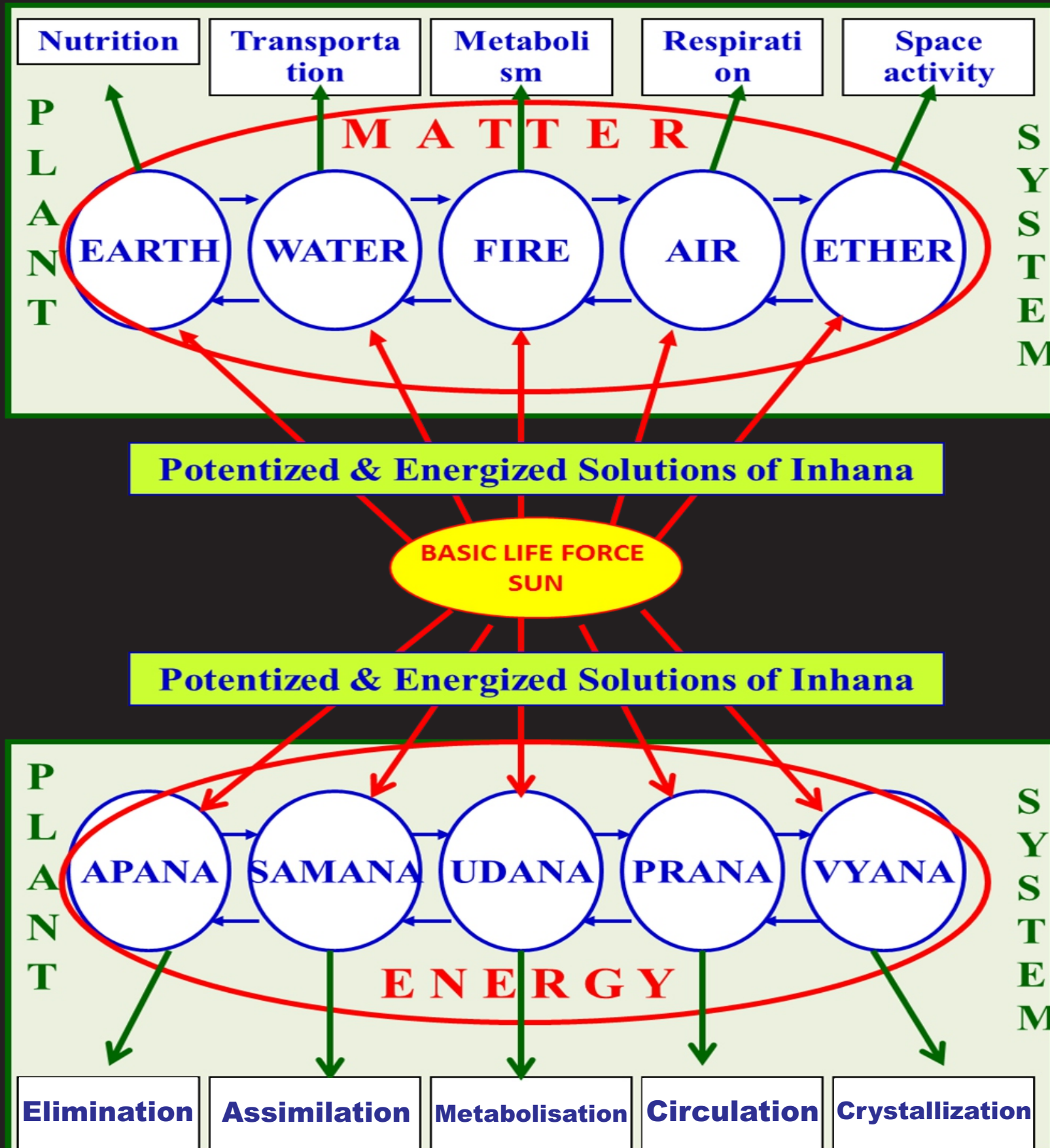






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## Working Mechanism of INHANA SOLUTIONS developed under E.E.A Principle



# WHY THEY (Inhana Solutions) ARE EFFECTIVE ?

All the member components of Universe are woven together with thread of Energy. The energy gets transformed from one form to other, from one matter to other. It is these energies which control various physical, biochemical and microbiological processes in the plant system. Every plant has got its own natural growth systems as well as defense mechanism. They do not function at the desired level or intensity or time because of the lack / absence of the specific energy.

**The various 'Inhana Solutions' supply the required energy of the plants and thereby activates their own growth and defense systems. The energy gets transformed from one form to other, from one matter to other. It is these energies which control various physical, biochemical and microbiological processes in the plant system.**

These solutions when sprayed enter into the plant body through the stomata and other openings. Thereafter they reach to every part of the plant organ and in the process provide the required energy to the various systems of the plant. All these solutions work on broad spectrum base, thus plant have a non- specific response.

This is the secret behind the balanced growth of the plants. The quantity and time of using the energy is determined by the plant by understanding their own needs. Moreover specific solutions are recommended at different growth stage or conditions of the plant system understanding the need as well as the deficiency.

All these solutions serve the requirements which element to be activated, which energy to be utilized and in what sequence. All the 'Inhana Solutions' provide the regulatory role and not any inhibitory action. They only help in achieving the natural growth of the plants without exhausting them. Hence, there is no threat of overdose or overuse.

**IRF Technology aims to provide perpetual and prosperous farming. A farming system that is rational not only to plant physiology but also to plant philosophy. These solutions are the vehicles to accomplish the objective of Rational Farming Technology. This technology is perhaps the only system that provides entire therapy from seed treatment to harvesting stage and that works right from Roots to Fruits.**





# BRIEF SCIENTIFIC DETAILS OF THE DEVELOPMENT OF INHANA SOLUTIONS

All the Inhana solutions are developed under Element Energy Activation (E.E.A) Principle and are basically Potentized and Energized Botanical Extracts. These solutions are botanical extracts containing energy components in activated forms, so that they can perform in the desired order when applied on the plant system (matter).

Specific plant parts viz. roots, stem, leaves, root hair, leaf veins etc. are taken for extraction of the energy components, which are extremely subtle and abstract in nature and simultaneously need a medium (matter) to store. Hence, during and after extraction they are transferred to a medium which is less gross but at the same time has higher surface tension and Ethyl Alcohol serves as this medium.

The next step Energization is the process through which energy components are isolated from its gross form and stabilized in alcoholic medium. However, both extraction and energization process operates simultaneously as the extracted gross components should be immediately transferred to a medium. In this stage there is no substance is left except the 'Life- Forces' or 'Intelligent Cosmic Energy'.

This step is followed by Potentization, through which the extracted bind energy is activated for enhancement of their liberating potential, so that these energy components can perform in the desired order when applied in plants. In this process the medium used is pure filtered water, free from heavy particles. The Potentization is done in the order of  $10^3$  to  $10^4$  times according to the specific energy components and the objectives of the specific role. In the process of Potentization all the toxicities of the active ingredients are completely lost.

Now according to the requirement different extracted energy components are combined in desired proportion to make different solutions which regulate sequential physiological activities to attend the root cause. So a numerous number of solutions can be prepared as per requirement guided by this Element Energy Activation Principle.

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# Process flowchart of Inhana Solutions under E.E.A Principle

## **1. Collection of specific plants (According to defined parameters)**

Radiant energy from the Basic Life force (Solar Energy) is stored in plants. As the specific energies are stored in specific parts of the different plants, selection of the plants or more precisely selection of specific plant parts are most important. Not only that, specific days and time are also important as the energy storage potential of the plants varies with lunar cycle and the occurrence of various stars & planets. So the astronomical parameters are important to extract maximum stored energy.



## **2. Alcoholic Extraction (Specific plant parts as per specific time and procedure)**

Specific plant parts viz. roots, stem, leaf, root hair, leaf vein etc. are taken for extraction as early as possible from the collection time, before the living parts become inert and stored radiant energy is dissipated. Since the energy components are extremely subtle and abstract in nature and simultaneously they need a medium (matter). Hence after / during extraction they should be transferred to a medium which is less gross and the same time has higher surface tension. Ethyl alcohol is used for the extraction process because it has the potential to isolate the bound energy in gross form and store within it.



## **3. Energization (Isolation of Energy Components)**

Energization is the process through which energy components are isolated from its gross form and stabilize in alcoholic medium. Both extraction and energization process operates simultaneously as the extracted gross components should be immediately transferred to a medium from which these can be liberated easily. The total energization procedure continues for several days up to 21 days to extract maximum stored energy to this medium. Still only a part of the stored energy can be isolated from its plant source



## **4. Potentization (Release of Bind Energy in the order of $10^3$ to $10^4$ times)**

Potentization is the process through which the extracted bind energy is activated to perform in desired order when applied in plants. In this process specific energy is transformed to its nearly original source or more specifically as it was transformed to differential energy from Basic Life Force. This form is Lifetrans, which are much subtler than electron, proton or atom. The bind energy manifests when it is separated from the binding agents. In this process the medium used is pure filtered water free from heavy particles. The potentization is done in the order of  $10^3$  to  $10^4$  times according to the specific energy components and the objectives of the specific role. Potentized energy components are actually in the binding form but are separated from other differential energy and posses a huge liberating potential than its previous stage.

Hence when they are applied on the plant system they enters primarily through the stomatal opening and they are being accepted by the plant system because of this primary (Subtler) form. Thereafter they can reach to the desired sight more quickly as no transformation of that energy form is required.



# Process Flowchart of Inhana Solutions under E.E.A Principle

Hence when they are applied on the plant system they enter primarily through the stomatal opening and they are being accepted by the plant system because of this primary (Subtler) form. Thereafter they can reach to the desired sight more quickly as no transformation of that energy form is required.

## **5. Combination of the individual activated, potentized and energized extracts**

Combination of this potentised and energized extract are done according to the specific objectivity of the solutions. As all solutions have regulatory role and no inhibitory action, these are applied to regulate specific plant functions in desired and successive order. These solutions try to solve any problem leading to the root cause of the problem. For example Immunosil has been developed for disease management of crop.

For effective disease management, both structural and biochemical defense of plant is a must. Simultaneously, any chemical approach to fungal pathogens is not only ineffective, this is unscientific and unethical. Modern research reveals that silica can provide structural defense against fungal pathogens. But most of the plants can not uptake the silica from the soil to the desired level that is required to elevate their structural defense. Two physiological processes are involved in the silica absorption – anaerobic glycolysis and aerobic respiration. Immunosil gives specific energy components which hastens the intensity and quality of these processes. Root systems need to be energized hence 'Apana Prana' is provided; then silica should be translocated where water element is involved, so 'Udana Prana' is provided and so on. So according to the sequential regulatory plant functions and their required intensity specific energy components are combined in different proportions to develop individual solution.

## **Brief Process Flowchart of Inhana Solutions under E.E.A Principle**



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# Role of Inhana Energy Solution towards Faster Composting

The role of Novcom solution behind the biodegradation period of **21 days of Novcom Compost** is also the same. It does not add any component to hasten the composting process; **it just provides the necessary energies to facilitate the biodegradation, exactly the steps of biodegradation become faster eventually making the period shortest.**

Likewise, the huge microbial population in the order of  $10^{16}$  c.f.u. in the Novcom Compost is also self-generated, because Novcom solution facilitates the environment and therefore these life forms in such huge quantity generate there, which even does not happen with inoculation from outside.

In a nutshell whether plant or soil system Inhana Energy Solutions just try to facilitate the environment, thereafter all processes occur in the desired manner, desired time and at desired places.

## Ingredients of Inhana Energy Solutions In Short

1. **Active Ingredient:** (Biologically Activated Potentised & Energized Botanical Extracts) **Range of 0.001 to 0.006 percent** in any Inhana Energy Solution (nothing but the NON – MATERIAL LIFE FORCE.)
2. **Auxiliary Ingredient:** (Ethyl alcohol) **Range of 0.01 – 0.06 percent** Inert Ingredients : (Water) **Balance 99.8 – 99.9 percent**
3. **Inert Ingredients :** (Water) **Balance 99.8 – 99.9 percent**

Since Active Ingredients are only up to 0.006% in any Inhana Energy Solutions, that too are in the Potentised & Energized form, two things thus substantiates;

- a) There is no material substances but only exist as NON- Material Life Force or Energy.
- b) There can't be anything safer than these solutions.

**Novcom Solution: Energy Solution for accelerated biodegradation process by creating favourable environment for vigorous generation of natural microflora.**

Sl. No .	Name of Ingredients	Active/I nert/Car rier	%	Source of Active Ingredients	Origin of the ingredi ent
1.	Cynodon dactylon	Active	0.001	Potentized & Energized Botanical Extracts	Organic
2.	Ocimum bascilicum	Active	0.002		Organic
3.	Sida cordifolia	Active	0.0001		Organic
4.	Ethyl Alcohol	Auxiliary	0.04		Synthet ic
5.	Water	Inert	99.9569		Natural



# Inhana Rational Farming Technology – Rational to Plant Physiology & Philosophy In Harmony with Nature

**IRF Technology always interprets that there is no shortage in nature, be it nutrients or be the qualitative components or be the host defense mechanism, the only shortage is the Energy in the desired form and in the desired level, for which the proper plant functioning does not take place.**

Even addition of five different Basic Elements which is advocated by certain organic methods for the stimulation of specific functions of plant system is not the right interpretation of the problem. It is to be remembered that none of the five Basic Elements or Panchamabhutas i.e. Earth, Air, Water, Fire and Space is deficient in the plant system, but these are deactivated. Because of this deactivation, the basic elements which are responsible for all manifestations of the plant system, the natural balance become distorted. While each element has a predominant place in the plant system and responsible for the function of that specific part they operate both independent as well as interdependent manner. But as it is understood that behind any function there exist energy to make them functional. In human system, we can't absorb energies from the Basic Life Force, it is derived through indirect sources from food in the form of Chemical Energy. Plants being the Pure Nature, the basic Life Force directly activates on the matter or elements.



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# Inhana Rational Farming Technology – Rational to Plant Physiology & Philosophy In Harmony with Nature



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Like five basic elements, the Universal Prana become differentiated into five different Pranas according to their function. Here also these five life forces has independent and interdependent role. Hence only further addition of any element cannot treat the root cause of the problems because at the same time providing of the right energy through life forces are required to activate them. Apart from activating the basic elements these life forces are also required for their role in the transportation of nutrients. Simultaneously each elements has both subtle and gross effect. Any mechanism might have the subtle effect of one element and gross effect of two other different elements. Suppose, for enhancing the absorption and utilization of potash the root elasticity is to be increased. Now space and fire elements are having the gross effect for that objective but the subtle effect of air is always required which increases the efficiency and rate of respiration and thus enhances the internal pressure of the plants. Increased internal pressure has a contribution in increasing the root space which originally is the role of space element.

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**Primarily, Twelve Energies are the constituents of the solutions – five for the Basic Elements, five for the Life Forces and two for the interaction of Basic Life Force with both Elements as well as Life Forces. But taking the subtle effect of the elements into consideration, there are another five energies. One has to know which energy is to be given in what form, in what combination and in what indication- hence a true understanding of the Energy Management Principle is essentially required.**

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