

# Reflexivity of Food and Plants on Islam With Theory H

**Roikhan MA**

Syarif Hidayatullah Jakarta State Islamic University

Email : Roikhan.ma@uinjkt.ac.id

## Abstract

This research aims to study about Islam and science that often faced with the question is there any relation between food and plant to Islam or the Qur'an based on science? Are there Qur'an describes including science sector that related with food and plants? The purpose of this paper is to analyze the reflexivity of food and plant to Holy Book that can be described in universality of Islam. Some reflexivities of Quran in food and plants science are: about water can foster growth of plants and turn the land of dead, mineral salts are carried by rain water is a fertilizer that was traditionally increase productivity of the plant or land, the benefits of plants as food for humans and animals, the advantages of herbal medicine, such as dates and honey which has benefits for the human body, the differences of taste in every fruit produced by the plant to the process of how plants produce energy, and how plants perform photosynthesis process. The methodology used Quran Surah Al-Hijr (15) paragraph 87, to developed a mathematical formula or equation of numbers  $H=ahslm$  or theory of H. The results show that in the beginning of plants science, Islam had explained many evidences in the Qur'an that describes food and plants. So, it is evident also that all branches of science have the meaning of Islam in it. Science originated from the Qur'an or culminate in the Qur'an.

Keywords : Food, Plant, Qur'an, Islam, Science, Theory H

## 1. Introduction

This study has perspective from Qur'an and science, and faced with the question; whether there is a relationship between science such as food and plants and the Quran? The question will be answered when science proves the truth of the Qur'an.

Viewed from Q.S Al-Imran (3) ayat 19 which reads;

إِنَّ الدِّينَ عِنْدَ اللَّهِ الْإِسْلَامُ ۗ وَمَا اخْتَلَفَ الَّذِينَ أُوْتُوا الْكِتَابَ إِلَّا مِنْ بَعْدِ مَا  
جَاءَهُمُ الْعِلْمُ بَعْيًا بَيْنَهُمْ ۗ وَمَنْ يَكْفُرْ بِآيَاتِ  
اللَّهِ فَإِنَّ اللَّهَ سَرِيعُ الْحِسَابِ

"The religion (the blessed) with Allah is Islam. No disputing people been given the Book (189) except after knowledge had come to them, Because of malice (existing) between them. He who disbelieve the revelations of Allah, verily Allah is swift at reckoning "

The meaning of it, dyn (system) has been created by God, and the form is Islam. From the meaning of the verse is then developed into a formula development if God already mentioned in Al-Qu'ran that Dyn (system) and on all that is created by God there is the meaning of Islam in it.

In the everyday life of human, plant and animal roles very dominant. In the Qur'an, the sacred book of Islam any mention of plants and animals have also repeatedly. The mention it contains many purposes, ranging from imagery, symbolism, its usefulness as a medicine and food, to the description on a process of scientific progress. The latter case is very rare, if not virtually non-existent at all, in other religious scriptures.

Plants are living beings created by God not as simple as what we think about. Plants undergo complicated processes in life, the plant is also the same case of humans, plants breathe and require intake of food for development. To stay alive, plants need food such as water, air and sunlight.

Water and plants have a very close relationship. Until now plants as living things have not been found in other parts of the universe. The series of the next life is very dependent on the presence of vegetation. Without it the other living beings impossible to exist. It is God described briefly but firmly in the verses below.

فَلْيَنْظُرِ الْإِنْسَانُ إِلَىٰ طَعَامِهِ (٢٤) أَنَا صَبَّبْنَا الْمَاءَ صَبًّا (٢٥) ثُمَّ شَقَقْنَا الْأَرْضَ  
شَقًّا (٢٦) فَأَبْيْتْنَا فِيهَا حَبًّا (٢٧)  
وَعِنَبًا وَقَضْبًا (٢٨) وَزَيْتُونًا وَنَخْلًا (٢٩) وَحَدَائِقَ غُلْبًا (٣٠) وَفَاكِهَةً وَأَبًّا  
(٣١) مِّنَّا عَا لَكُمْ وَلِأَنْعَامِكُمْ (٣٢)

"Now let man showed his food. It is we who have devoted their abundant water (from the sky), then we split the earth with the best, and there we grow grain, and wine and vegetables, and olive and palm trees, and gardens (which) shady, and fruits and grasses. (All of it) for you and for your livestock animals. ( 'Abasa / 80: 24-32) "

In this verse it is explained that through the plant, and subsequent meat from livestock, human body receives all the elements needed for its existence as a biological creatures. Including the ability of resistance to various diseases. In another verse Allah explained that add a variety of flavors on the plant species, so it is no longer a food that is "simple".

## 2. Theoretical Basis

Plant is one of the classifications living creatures. Plants in biological is organisms and multicellular eukaryotes belonging to the kingdom Plantae. Plants consisting of flowering plants, gymnosperm, ferns, moss and green algae. Plants have chlorophyll or green substance that is used to create the food and to the process of photosynthesis. Almost all members are autotrophs plant, which produces or generates its own energy by converting solar light energy through a process called photosynthesis produced in plant cell organelles that chloroplasts.

Easily recognizable traits in plants is the dominant green color in plants for chlorophyll content in it which was instrumental in the process of obtaining energy from the photosynthesis process. Plants are stationary or can not move on his own, although there are some of the plants algae can moved. Consequence from the plants are passive characteristic, the plants have to adapt to surrounding environment. Circumstances, there are about 350,000 species of plants and do not include green algae. and 258 650 is a flowering plant species and 18,000 plant species of green algae. Plants produce almost all molecules of oxygen on earth and the most important part of the ecological system on earth. Plants produce seeds, fruits and vegetables that are useful as a basic ingredient of human food. In addition the plant is also used as ornamental and medicinal plants and used in the medical sciences.

Great concept of explanation in this article is in fact a true or wholly taken from Al-Baqarah verse 208 which reads:

يَا أَيُّهَا الَّذِينَ آمَنُوا ادْخُلُوا فِي السِّلْمِ كَافَّةً وَلَا تَتَّبِعُوا خُطُوَاتِ الشَّيْطَانِ إِنَّهُ لَكُمْ عَدُوٌّ مُّبِينٌ

"O you who believe, you go into Islam whole, and do you share the steps of Satan. He is an outright enemy to you "

This whole concept is what makes the meaning of Islam, that Islam is should be one entity, can not just show a part of it, to be a balance. Then how do we run the whole concept? In Q.S Saba '(34) verse 28, which reads;

وَمَا أَرْسَلْنَاكَ إِلَّا كَافَّةً لِلنَّاسِ بَشِيرًا وَنَذِيرًا وَلَكِنَّ أَكْثَرَ النَّاسِ لَا يَعْلَمُونَ

"And we have not sent you but to all mankind as a bearer of glad tidings and a warner, but most people do not know."

So in the first Qur'an Allah describes the happy news, and then later explained about the threat or warnings. So keep progressive, remain in harmony, the good news keep moving forward but remain harmonious that there should be fit or alignment.

In the Al-Qura'an plant is seen as a high value God's creation, which many verses in the Qur'an that speak of plants. Al-Qur'an regard the plants as the creation of high value. Plants are mentioned much in it , both in the physical description as well as the parable imagery. Al Quran also often refer to the physical plant-not as a simile. Many verses clearly state the benefits of plants as a food source for humans and other creatures. In addition to functioning as food, plants also produce a products such as honey Qur'an call has a function as an antidote to the disease. Allah says;

ثُمَّ كُلِي مِنْ كُلِّ الثَّمَرَاتِ فَاسْلُكِي سُبُلَ رَبِّكِ ذُلُلًا ۗ يَخْرُجُ مِنْ بَطْنِهَا شَرَابٌ مُخْتَلِفٌ أَلْوَانُهُ فِيهِ شِفَاءٌ لِلنَّاسِ ۗ إِنَّ فِي ذَلِكَ لَآيَةً لِقَوْمٍ يَتَفَكَّرُونَ

"And then eat from every (kind of) fruit and follow the path of your Lord who has made easy (for you). From within their bodies out drink (honey) that a variety of colors, in which there is healing for men. Verily in this is really a sign (the greatness of Lord) for people who reflect. (Surat an-Nahl / 16: 69)

Thus, God gave humans a tremendous boon.

### 3. Methodology

Using Islamic significance of Q.S Al-Hijr (15) paragraph 87 which reads;

وَلَقَدْ آتَيْنَاكَ سَبْعًا مِنَ الْمَثَابِي وَالْقُرْآنَ الْعَظِيمِ

"And Indeed we Have given you seven verses are read repeatedly and Quran great "

Turns Q.S Al-Hijr (15) Paragraph 87 have a absolute value to the amount of the Qur'an, this is an equation, or a formula that has been stored for a long time in the Qur'an. When the 1587 QS 15 verse 87 compared with the total of the Quran produce a rounded multiplication, where the total of the Qur'an is composed of 112 verses 6348 *bismillah* who started the letter with 6236 verses in 114 letters in the Qur'an so that the total is 6348. when in 1587 compared to 6348 there was a multiplication 4 absolute that appears. In this explanation 4 is a digital root has a number of Hahslm. Hahslm 72 319 numbers that when added up to 22 digital root which when taken numbernya to 4 (2 + 2). Figures 4 that is the divisor or constant that is the liaison between al-Hijr letter stating there 7 were repeated and the glorious Qur'an. There are 7 were repeated, when 112 compared with 7 turns him into an absolute figure because when 7 multiplied by 16 equals 112 and the glorious Qur'an, agreed that 6236 is the number of verses in the Qur'an. Of Surah Al-Hijr (15) verse 87 we obtained two main variables, namely 7 (Seven) and the Qur'an. 7 is considered mutak numbers, while the Qur'an can be broken down into numbers that, when summed 2319, 2x3x19 produce 114 figures showing the number of letters in the Qur'an. From Q.S Al-Hijr (15) Paragraph 87 was obtained five points, namely, 72 319 and converted in the form of letters into a formula or equation H = ahsml that when simplified is becoming sinlammim or Islam. Islam is dyn, Islam as a system .Until, all science, science, life and including the plant will be started from Islam or all of civilization will culminate in a pattern that is Islam. Until, Hahslm became the core formula in science [1].

### 4. Analysis

In the Al-Qur'an plant is seen as a high value God's creation, which many verses in the Qur'an that talk about plants. Among them is the Qur'an describes how the benefits of plants to humans as a food and as a medicine, such as the benefits of the content of honey and dates are useful for health. The Qur'an also describes the role of chlorophyll and photosynthesis in plants, besides there are also verses in the Qur'an that explains the results of the photosynthetic oxygen to the combustion. The relationship between water and plants that can not be separated also been described in the Qur'an.

#### a. Plants As A Food Source.

There are several verses in the Qur'an that explains the benefits of plants as sources of food, such as:

وَهُوَ الَّذِي أَنْشَأَ جَنَّاتٍ مَعْرُوشَاتٍ وَغَيْرَ مَعْرُوشَاتٍ وَالنَّخْلَ وَالزَّرْعَ مُخْتَلِفًا أَكْلُهُ وَالرَّيْبُوتَ وَالرُّمَّانَ مُتَشَابِهًا وَغَيْرَ مُتَشَابِهٍ ۗ كُلُوا مِنْ ثَمَرِهِ إِذَا أَثْمَرَ وَآتُوا حَقَّهُ يَوْمَ حَصَادِهِ ۗ وَلَا تُسْرِفُوا ۗ إِنَّهُ لَا يُحِبُّ الْمُسْرِفِينَ

"He brings forth gardens, trellised and untrellised, palm trees and crops, different to eat, and the olive and pomegranates alike and unlike. When it bears fruit eat of it and pay what is due (the zakat) of it upon the harvest day.

But do not be wasteful; He does not love the wasteful (Al-An'am / 6: 141).

This verse clearly tells us that God created plants as a food source for humans and animals required for biological existence. Humans were told that all that God has created as food for humans.

Furthermore, God created diverse flavors on the results of the edible plants. Allah says:

وَهُوَ الَّذِي أَنشَأَ جَنَّاتٍ مَّعْرُوشَاتٍ وَغَيْرَ مَعْرُوشَاتٍ وَالنَّخْلَ وَالزَّرْعَ مُخْتَلِفًا أَكْلُهُ  
وَالزَّيْتُونَ وَالرُّمَانَ مُتَشَابِهًا  
وَوَاقُونَ وَغَيْرَ مُتَشَابِهٍ كُلُوا مِن ثَمَرِهِ إِذَا أَثْمَرَ وَآتُوا حَقَّهُ وَلَا تُسْرِفُوا إِنَّهُ  
لَا يُحِبُّ الْمُسْرِفِينَ

"He brings forth gardens, trellised and untrellised, palm trees and crops, different to eat, and the olive and pomegranates alike and unlike. When it bears fruit eat of it and pay what is due (the zakat) of it upon the harvest day. But do not be wasteful; He does not love the wasteful (Al-An'am / 6: 141).

The difference in taste in plants, including fruits, caused by differences in the chemical content in them. These chemicals called metabolites in biochemical language. Metabolite differences in levels is what causes the difference in the taste of each vegetable or fruit.

#### *b. The process of Photosynthesis*

Post-study very long, the plant physiologists begin to understand the process of photosynthesis. In 1804, an expert named De Saussure states that there are two kinds of ways gas exchange in plants. The first way occur during the day and more at night. "Green Factory" suck CO<sub>2</sub> and releasing O<sub>2</sub> in the daytime, and at night he did the exact opposite of that process. From other findings open up horizons of knowledge about the importance of plants. New in 1942, the process of photosynthesis is stated explicitly by AD Meyer. He stated that the main energy source used plant is the sun, which is absorbed by plants and turned into chemical energy through photosynthesis [2].

Photosynthesis is a two-level process. The first process is dependent on the presence of light (light reaction), which requires the presence of light energy directly to form an energy carrier molecules that will be used in the photosynthesis process. Unlike the first process, a second process is free of light (dark reaction), and occurs when the product of the reaction of light can be used to form covalent C-C of carbohydrates. Dark reactions may occur during the dark atmosphere. Findings of late indicate that the primary enzyme that works here is stimulated by the presence of light. Thus, the naming of the dark reactions become less precise. Light reactions occur in the grana from chloroplast, while the dark reactions occur in the stroma [2]. Chlorophyll plays capture sunlight, convert it into energy to catalyze the reaction between carbon dioxide with water into molecules of glucose. Glucose (a type of monosaccharide) is the smallest unit of carbohydrate, in the later development turned into sucrose (a type of disaccharide) that ultimately can be stored in the form of polysaccharides, such as amylose. Reams polysaccharide structure, consisting of monosaccharides. It is not possible to explain this is that God through Surah al-An'am / 6: 99

وَهُوَ الَّذِي أَنزَلَ مِنَ السَّمَاءِ مَاءً فَأَخْرَجْنَا بِهِ نَبَاتَ كُلِّ شَيْءٍ فَأَخْرَجْنَا مِنْهُ  
خَضِرًا نُّخْرَجُ مِنْهُ خَبَأً مُتَرَائِبًا  
وَمِنَ النَّخْلِ مِنْ طَلْعِهَا قِنْوَانٌ دَانِيَةٌ وَجَنَّاتٍ مِنْ أَعْنَابٍ وَالزَّيْتُونَ وَالرُّمَانَ  
مُتَشَابِهًا وَغَيْرَ مُتَشَابِهٍ انظُرُوا  
إِلَى ثَمَرِهِ إِذَا أَثْمَرَ وَيَنْعِهِ إِنَّ فِي ذَلِكَ لَآيَاتٍ لِّقَوْمٍ يُؤْمِنُونَ

"It is He who sends down water from the sky, then We cause to grow it all kinds of plants, then we remove from herbs, plants are green. We remove from the lush plant grains that much; and of the Virgin palm stalks parse are panhandle, and vineyards, and (we remove anyway) olives and pomegranates similar and dissimilar. Consider the fruit in a fruit tree and (note precisely) maturity. Surely, there are signs (power of God) for those who believe."

So, in a molecular level, the above verse seems to be construed as an indication of the existence of the process of photosynthesis, in which the role of the green substance or chlorophyll determine the formation of glucose or polysaccharide, which is a combination of plant *pukanmososakarida*.

Regarding the process of photosynthesis that produces oxygen, apparently there is a clause that tends to connect the two, which is the word of God,

أَفَرَأَيْتُمُ النَّارَ الَّتِي تُورُونَ (٧١) أَأَنْتُمْ أَنشَأْتُمُ شَجَرَتَهَا أَمْ نَحْنُ الْمُنشِئُونَ (٧٢)

"So you never show that you turn on the fire (with wood)? Ye who grow the tree or our growing? (Al-waqiah / 56: 71-72) "

Paragraph above can only distract the reader into the old topic at a time. Namely the phenomenon of fire in relation to the timber, and the question of who the creator of the wood causing the fire.

There are two points at which Al-Qur'am want to convey through this paragraph. First, the text reveal the truth of science that ultimately proved hundreds of years later. Second, to ensure that those who read the Qur'an in the 7th century did not feel confused in understanding its meaning. With the current knowledge that humans were invited to think only about the fire from trees that produce firewood. While the human in the 21st century invited to think scientifically, then interpret it as an oxygen flame.

Thus, the Qur'an has been able to satisfy the human thirst for knowledge, both from the perspective of human knowledge who lived in the 7th century, the 21st century, and it is definitely succeeding centuries.

All of the oxygen that exist on earth, which is used in the process of respiration and combustion, comes from the process of photosynthesis. As stated by science. The statement is true, as the word of God,

الَّذِي جَعَلَ لَكُم مِّنَ الشَّجَرِ الْأَخْضَرِ نَارًا فَإِذَا أَنْتُمْ مِنْهُ تُوقِدُونَ

"God who appointed for you fire from the green wood, then suddenly you turn on the (fire) out of the woodwork. (Yasin / 36: 80) "

Thus the Qur'an pointed out 14 centuries ago; delivered by an unlettered prophet and living in the desert with the communities that the majority were also illiterate, when a science and equipment still in a very primitive level that, if they can not be said not developed at all.

#### *c. Water and Plant*

The relationship between the water plant is clearly expressed by the Qur'an through many verses in it. Likewise source of water plants need complete enough outlined there, he can come from rain water from the soil in the form of springs, as well as from surface water flows. The following paragraph for example, shows how

rainwater directly tied to the growth of plants. While the following verses associate it with "his dead land".

وَهُوَ الَّذِي أَنْزَلَ مِنَ السَّمَاءِ مَاءً فَأَخْرَجْنَا بِهِ نَبَاتَ كُلِّ شَيْءٍ فَأَخْرَجْنَا مِنْهُ خَضِرًا نُخْرَجُ مِنْهُ خَبًا مَتَرًا كِبِيرًا  
وَمِنَ النَّخْلِ مِنْ طَلْعِهَا قِنْوَانٌ دَانِيَةٌ وَجَنَّاتٍ مِنْ أَعْنَابٍ وَالزَّيْتُونَ وَالرُّمَّانَ مُشْتَبِهًا وَغَيْرَ مُتَشَابِهٍ انظُرُوا  
إِلَى ثَمَرِهِ إِذَا أَثْمَرَ وَيَنْعِهِ إِنَّ فِي ذَلِكَ لَآيَاتٍ لِقَوْمٍ يُؤْمِنُونَ

"It is He who sends down water from the sky, then We cause to grow it all kinds of plants, then we remove from herbs, plants are green. We remove from the lush plant grains that much; and of the Virgin palm stalks parse the panhandle, and vineyards, and (we remove anyway) olives and pomegranates similar and dissimilar. Consider the fruit in a fruit tree and (note precisely) maturity. Surely, there are signs (power of God) for those who believe. "

In addition to the crucial role in supporting the availability of water for living beings, rain also brought a fertilizer material. The water that evaporates from the ocean surface and the clouds bring the ingredients to revitalize the soil. Fertilizer ingredients evaporate ladies who participated of organic material that forms a thin film on the surface of the sea. This thin layer, whose thickness is no more than a tenth of a millimeter, contains microscopic organic litter formed from the decay or decomposition of microscopic algae and zooplankton. Most of this litter contains important elements such as phosphorus, magnesium, and potassium. These three elements are found in small amounts in seawater.

Mineral salts that brought rainwater is an example of a fertilizer which is traditionally used to increase land productivity. A heavy metal found in air and water-borne rain will form a vital element in plant growth. In short, rain is an important fertilizer for plants with fertilizers from the rain alone, within a hundred years, very poor soils can obtain all the necessary elements for tumbuhannya trees there.

*d. Products from Plants*

1. Dates

Dates are one of the foods that are easily digested and dates have a sugar content. Lack of sugar in the blood causes a person to feel weak and hungry. For people who are fasting, by eating dates are rapidly absorbed, the supply of sugar in the blood will rise rapidly, so that the limp body will regain its strength. That is why the Prophet encourages us to break the fast with dates, or at least with water [2].

Mary the mother of Nabi Isa, many consume dates before and after childbirth. It was God immortalized in his words,

فَحَمَلَتْهُ فَانْتَبَدَّتْ بِهِ مَكَانًا قَاصِيًا (٢٢) فَأَجَاءَهَا الْمَخَاضُ إِلَى جِذْعِ النَّخْلَةِ قَالَتْ يَا لَيْتَنِي مِتُّ قَبْلَ هَذَا وَكُنْتُ نَسِيًّا نَسِيًّا (٢٣) فَنَادَاهَا مِنْ تَحْتِهَا أَلَا تَحْزَنِي قَدْ جَعَلَ رَبُّكِ تَحْتَكِ سَرِيًّا (٢٤)  
وَهَرَىٰ إِلَيْكَ الْجُدْعُ النَّخْلَةُ تُسَاقِطُ عَلَيْكَ رَطْبًا حَلِيًّا (٢٥)

"So Mary conceived him, and then he spends himself with its contents was to distant places. Then the pain will give birth to a child forced him (lean) at the base of a palm tree, she said: "Oh, would that I had died before this, and I became stuff that does not mean, again forgotten." Then Gabriel menyeronnya from a low place " Do not be sad, your Lord has made rivulet beneath you. And shake the

trunk of the palm tree toward you, undoubtedly it will abort tree ripe palm fruit unto you. "(Maryam / 19: 22-25).

It is true that the above verse speaks about the role of Mary dates in attending births. In fact the Qur'an is indeed far-away days have indicated that the right thing and proved by science knowledge. Studies have shown that dates contain elements that strengthen the muscles of the uterus in the last months of pregnancy. This condition greatly assist the process of uterine contractions during childbirth and prevent severe bleeding after childbirth. Diet experts even suggest breastfeeding mothers to consume a lot of dates, as well as hyperactive children. Therefore it is proven that the palm fruit is very good for mothers before and after giving birth. Similarly, children will acquire the properties of this fruit in their growth process [2].

2. Honey

There are so many benefits that can be obtained from the plant world. Some of them are very helpful as it is processed further by animals. Honey is one of them. Honey derived from honey bee activity. More types very much. One among the best known and highly beneficial for human well-being is the honey bee. It is thus beneficial to the extent that Allah perpetuate bees and honey are produced in following his word.

وَأَوْحَىٰ رَبُّكَ إِلَى النَّحْلِ أَنْ اتَّخِذِي مِنَ الْجِبَالِ بُيُوتًا وَمِنَ الشَّجَرِ وَمِمَّا يَعْرِشُونَ (٦٨) ثُمَّ كُلِي مِنْ كُلِّ الثَّمَرَاتِ فَاسْلُكِي سُبُلَ رَبِّكِ ذُلُلًا يَخْرُجُ مِنْ بُطُونِهَا شَرَابٌ مُخْتَلِفٌ أَلْوَانُهُ فِيهِ شِفَاءٌ لِلنَّاسِ إِنَّ فِي ذَلِكَ لَآيَةً لِقَوْمٍ يَتَفَكَّرُونَ (٦٩)

"And your Lord revealed to the bees:" Make the nests in the hills, on trees, and in places which made man, "and then eat from every (kind of) fruit and follow the path of your Lord has made easy (for you). From within their bodies out drink (honey) that a variety of colors, in which there is healing for men. Verily in this is really a sign (the greatness of Lord) for people who reflect." (An-Nahl / 16: 68-69)

Assessment conducted last few years increasingly proving what for centuries has been indicated by the Qur'an regarding honey.

The following scientific facts about honey.

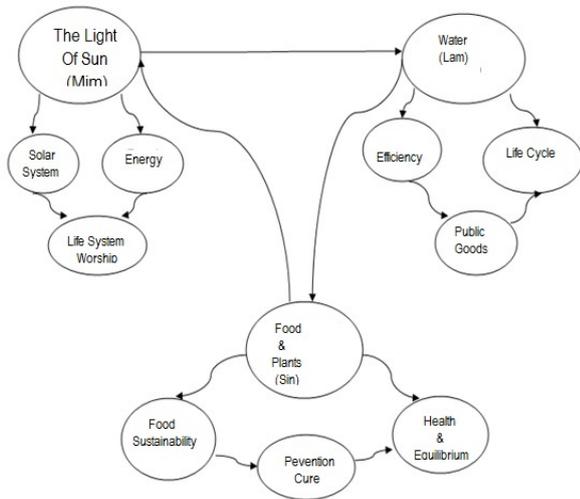
1. Honey contains antifungal and antibacterial. Undiluted honey can hamper growth of pathogenic bacteria, such as staphylococcus aureas, and fungi, such as Candida albicans, which lives in the intestines. In a retail 30-50%, of honey known to be more effective than conventional antibiotics in an attempt to kill a urinary tract infection. Even so, not yet clear how the honey as an antibacterial. Perhaps the effect of honey is more acidic blocking the osmosis process of the bacteria.
2. Honey has potential as an antidiarrheal. At a concentration of 40% honey has a deadly effect for a lot of diarrhea and dysentery-causing bacteria, such as Salmonella, Shigella, E. Coli, and vibro cholera. Honey also increases the body's resistance quickly, for example, accelerate the healing process in young children [2].

In theory H having the formula or mathematical equation 158741126236 wherein QS 1587 which is an Al-Hijr (15) Paragraph 87, 4 are constants or formulas basic

theory H or  $H = ahslm$ , 112 is the number that started a letter Bismillah in the Quran, 6236 is the number of verses in the Qur'an. From Q.S Al-Hijr (15) Paragraph 87 was obtained two main variables, namely 7 (Seven) and the Qur'an. 7 is considered absolute numbers, while the Qur'an can be broken down into numbers that, when summed 2319,  $2 \times 3 \times 19$  produce 114 figures showing the number of letters in the Qur'an. From Q.S Al-Hijr (15) Paragraph 87 was obtained five points, namely, 72 319 and converted in the form of letters into a formula or equation  $H = ahslm$  that when simplified is becoming *sin lam mim* or Islam. Islam is dyn, Islam as a system. Thus, all science, science, life and including the plant will be started from Islam or all of civilization will culminate in a pattern which is Islam. Thus, the formula *Hahslm* became the core of science, including herbs in it. Q.S Al-Hijr (15) Paragraph 87 stores a formula of how God created the universe, including plants.

*Hahslm* is the essence of science, so if there are some sectors of science, there is a formula that can explain all of it. The essence of all that exists in science are described in this theory is  $H = ahslm$  or when simplified is becoming *sinlammim* or Islam. Islam is dyn, Islam as a system. so, all science, science, life and including the plant will be started from Islam or all of civilization will culminate in a pattern which is Islam. This is evident from a description of the plant which turns before discussing science, the Qur'an had already discussed the plant. Explanation plants in this Qur'an that prove that science originated from the Qur'an.

Diagram Food Plants In Reflexivity Perspective



Source: Analysys, 2017

In this study the water can be interpreted as a provider of energy for living things that Allah's created. Then the plant species can be divided into two in terms of storage somewhere, that when kept indoors and outdoors. Then, you want to keep the plant wherever it definitely needs water to live, but with the help of the sun can also photosynthesize plant to produce food and also assisted with water. Each of these waters, plants and sunlight provides many benefits to the needs of living beings on this earth and all these three elements are interconnected. When one of these is not met certainly can reduce completeness, consequently can not provide adequate benefits for the survival of living beings.

### 1. Sunlight

Throne 'by Baiquni should be understood as "authorization or administration" is not the word "throne" as understood by most commentators, for the throne is a symbol of power given by Allah SWT [3]. The word *ma'* in the same paragraph interpreted as "a form of fluid (substance flow of heat), instead of water in the normal meaning that when it is said that His throne is above the *ma'* then the statement implies that his rule being enforced on the entire contents nature at that time was still a hot fluid or substance. So it can be said that the sun here is the biggest source of energy in the universe of living beings. Before there was no energy, no matter, no space and time.

### 2. Water

Water is a blessing given by God to the earth's living creatures as a complement to the necessities of life to be together. Water is a basic need of every human being in the world. According [1] it was highly related to Human Rights. Recognition of water as a human rights indicated in two ways, the first is the recognition that water is an essential requirement for the needs of every human being. The second is the need for protection for every person to be able to access or get water.

Rasulullah SAW explicitly describes the equal right of use of water: "Muslim association in three ways, namely grassland, water and fire". (HR. Abu Dawud and Ibnu Majah). This Hadith means that all the facilities needed by the community is a common good and therefore should be used evenly.

So in Islam, the water here can also be interpreted as an example of the efficiency of its activities with something that should have a purpose / benefits. As plants also need water as the process of photosynthesis, because if there is no water then the plant can not survive long life in dry conditions and will quickly die. Just as with humans, water is the source of life.

### 3. Plant

Plants are also a source of energy for living organisms for many various types of plants that can be consumed by humans and animals. Plants can also be used as an herbal remedy sick with process / natural.

One verse of the Qur'an explains the benefits of plants as a food source, such as Surat Al-An'am verse 141 which reads: "He brings forth gardens, trellised and untrellised, palmtrees and crops, different to eat, and the olive and pomegranates alike and unlike. When it bears fruit eat of it and pay what is due (the zakat) of it upon the harvest day. But do not be wasteful; He does not love the wasteful (Al-An'am (6) 141).

This study found formula from the Quran, especially Surah Al-Hijr (15) paragraph 87 as a formula  $1587 \times 4 = 112 + 6236$  is an equation how God created the universe, including plants. This quote obtained two main variables, 7 (Seven) and the Qur'an. 7 is considered absolute numbers, while the Qur'an can be broken down into numbers that, when summed 2319,  $2 \times 3 \times 19$  produce 114 figures showing the number of letters in the Qur'an. From Q.S Al-Hijr (15) Paragraph 87 was obtained five points, namely, 72 319 and converted in the form of letters into a formula or equation  $H = ahslm$  that when simplified is becoming *sin lam mim* or Islam. Islam is dyn, Islam as a system.

#### 4. Conclusion

This is evidenced by many verses in Qur'an that describe plants. Qur'an described how the benefits of plants as food for humans and animals, the advantages of herbal medicine, such as dates and honey which has benefits for the human body. Efficacy of dates described in Surah Maryam (19) verses 22-25 speaks of the palm fruit in helping the birth of Maryam. This is proven by science that dates contain substances that can strengthen the muscles of the uterus in pregnancy in the last months. The Qur'an also describes how the role of water in plants as an important fertilizer in the plant. The Holy Book speaks about water can foster growth of plants and turn the land of dead. The Qur'an also shown to be by science which states that mineral salts are carried by rain water is a fertilizer that was traditionally increase productivity of the plant or land. The Qur'an also describes the differences of taste in every fruit produced by the plant to the process of how plants produce their own energy, how plants perform photosynthesis process had been first described in the Qur'an. Thus, the Qur'an is able to eliminate the human thirst for knowledge.

Science, life and plant must have a from of Islam, this can be generalized that civilization will should have a pattern relating with is Islam as Quran Surat Ali Imran (3): 19 that Allah creates universe based on Islam system. In this research, an equation  $H=ahslm$  is the essence of science, including the science of plants.

#### References

- [1] Rohman, M.,A. 2013. Perspective of Islamic Law Against Commercialization of Water Resources. *Critical Study of Law* 7 (2004). [http://eprints.ums.ac.id/24094/3/BAB\\_I.pdf](http://eprints.ums.ac.id/24094/3/BAB_I.pdf): 2013) in the download Saturday (April 1st, 2017).
- [2] Lajnah Pentashihan Mushaf Al-Quran. 2011. Plants in the Perspective of the Qur'an and Science.
- [3] Jamaruddin, A. 2010. The concept of the Universe According to the Qur'an. *Ushuluddin Journal* 16(2). <http://download.portalgaruda.org/article.php?article=275208&val=7155&title=Konsep%20Alam%20Semesta%20Menurut%20Al-Quran: 2010> (March 31st, 2017).