

Republic of the Philippines
HOUSE OF REPRESENTATIVES
Constitution Hills, Quezon City

SIXTEENTH CONGRESS
First Regular Session

HOUSE BILL NO. 1961



Introduced by Representative Harlin Cast. Abayon

EXPLANATORY NOTE

In the United States, Hydroponics has been proven to enhance lush vegetation resulting in fresh produce with more nutritional value. In the Philippines, while it has not been adapted fully, pioneering efforts in Tagaytay City and in Subic have been commenced with positive indications. In fact, in an agricultural update, it has been noted that a one hundred square meter hydroponics farm may yield a half a million yield of vegetables and food farm products. This Bill seeks to promote Hydroponics Agriculture. This measure was previously filed by Senator Manny Villar in the 15th Congress. Passage of this Bill is earnestly sought now in the 16th Congress.

A handwritten signature in black ink, appearing to be "Harlin Cast. Abayon". The signature is stylized with a large, looped initial "H".

HARLIN CAST. ABAYON
Representative
First District of Northern Samar

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AN ACT
PROMOTING HYDROPONICS AGRICULTURE AS AN INSTRUMENT TO
SOLVE PROBLEMS OF FOOD SECURITY AND AS A MECHANISM OF WISE
USE OF SCARCE LAND RESOURCES

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

SECTION 1. Hydroponics agriculture is hereby promoted as a mechanism to solve food security and the modernization of agriculture.

As used in this Act, hydroponics agriculture is a method of growing plants using mineral nutrient solutions instead of soil. It is a form of soil-less culture, where crops are cultivated with no solid medium for the roots.

SEC. 2. The Department of Agriculture shall ensure the proper and adequate information dissemination of the basic information, benefits and best use of the hydroponics agriculture technology to the general public.

Idle government lands owned by either national or local governments or available land resources in state universities and colleges shall be considered for growing plants and vegetation using hydroponics agriculture.

Information on the following areas of hydroponics agriculture technology may be included in its public campaign and popularization:

- a. hydroponics system;
- b. water culture, aquaculture and nutriculture which are systems in which the plant roots are immersed in water containing dissolved nutrients;
- c. aggregate culture in which a material sand, gravel and marbles supports the plant roots;
- d. aeroponics in which the plant roots hang in the air and are misted regularly with a nutrient solution;
- e. benefits and practical utilization of hydroponics.

SEC. 3. Hydroponics agriculture shall be integrated in such academic requirements as Farming, Practical Arts, Home Economics or appropriate subject in elementary and secondary education of both public and private academic institutions.

SEC. 4. This Act shall take effect fifteen (15) days after its complete publication in two (2) newspapers of general circulation.

Approved,