

## **Development of Vegetable Seeding Machines<sup>1</sup>**

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### **Summary**

In order to solve the problem of sowing vegetables evenly economically, and efficiently, we developed two types single and multi-row of seeding machines. This machine included seeding mechanism, walking mechanism, drill opener and hilling mechanism. Single row type was developed to sow the seeds of radish and carrot. Multi-row type can be used to sow the seeds of Chinese mustard, Chinese spinach, spinach, leaf lettuce, Garland chrysanthemum, celery, and water convolvulus. We developed seven kind of seed cell plates for different seeds with different shapes and sizes.

This seeding machine promotes the seeding efficiency with 55.7 % -93.8 % , it saves the amount of seeds with 28.4 % -86.6 % .

This machine preues enhanceing the efficiency of vegetable seeding practices in the field.

( Key words : Vegetable, Seeding machine )

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