

# Effect of Abion-C Spray on CO<sub>2</sub> Fixation of Concord Grapevine Leaf

Der - chuang Su<sup>1</sup>

## SUMMARY

Effect of Abion-C spray on CO<sub>2</sub> fixation of Concord grapeleaf was studied by <sup>14</sup>CO<sub>2</sub> feeding and liquid scintillation technique for measuring.

It showed that the CO<sub>2</sub> fixation rate of intact plant leaves by 0.2 % and 0.5% Abion-C sprayed were just 88.6% and 56% (or 76.7% and 50.5 % as if in excised leaf disc ) compared with which of the nonsprayed leaves.

No matter measuring the intact plant leaves or excised leaf discs, the higher the concentration of Abion-C sprayed on leaves, the lower of its CO<sub>2</sub> fixation returned.

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1. Assistant Horticulturist, Taitung D.A. I. S.