

1958

Experiment on Pole Beans

1st July (± 3 days) Beans planted.

26 July	beans	1 1/2 ft	high,	first	tied	backwards
30 July	"	2 1/2 "	"	second	"	"
4 Aug	"	3 1/2 "	"	third	"	"
9 Aug	"	5 "	"	fourth	"	"
13 "	"	6 "	"	fifth	"	"
16 "	"	"	"	sixth	"	"

From here on vines grow more slowly. They were tied again on 21 + 26th. By 26th, four of normal vines had reached top of pole and were now winding downward. None of reversed vines have reached top of poles.

30 Aug. Found out that Mr. Goodspeed had picked 150oz of beans in the morning. These were picked without regard for direction of vine. They merely can be added into gross production. He thought he picked about an equal amount off the normal and reversed vines. In evening of 30th, I picked 9oz of beans off normal vines and 12oz off reversed vines. This clears the vines of everything over four inches long. 4th September. Picked the vines again. Got 6oz from normal vines and 4oz from reversed vines. 11th September. Picked the vines again. Got 7oz from normal vines and 12oz from reversed vines. Also tied reversed vines again. They grow very slowly now. 18th September. Picked vines again. Got 6oz from normal vines + 8oz from reversed vines. Near end of crop.

Storm on 7th badly damaged most markedly untied vines.

Weight of beans measured to the closest ounce.

Flora Hawaiensis, Books 1-4
by DeGener

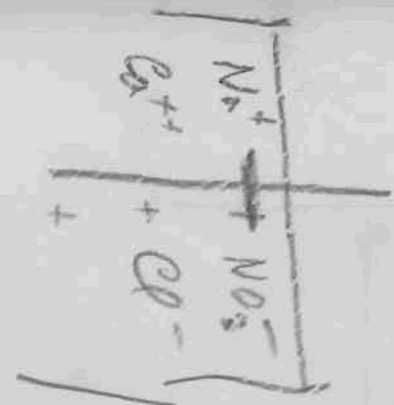
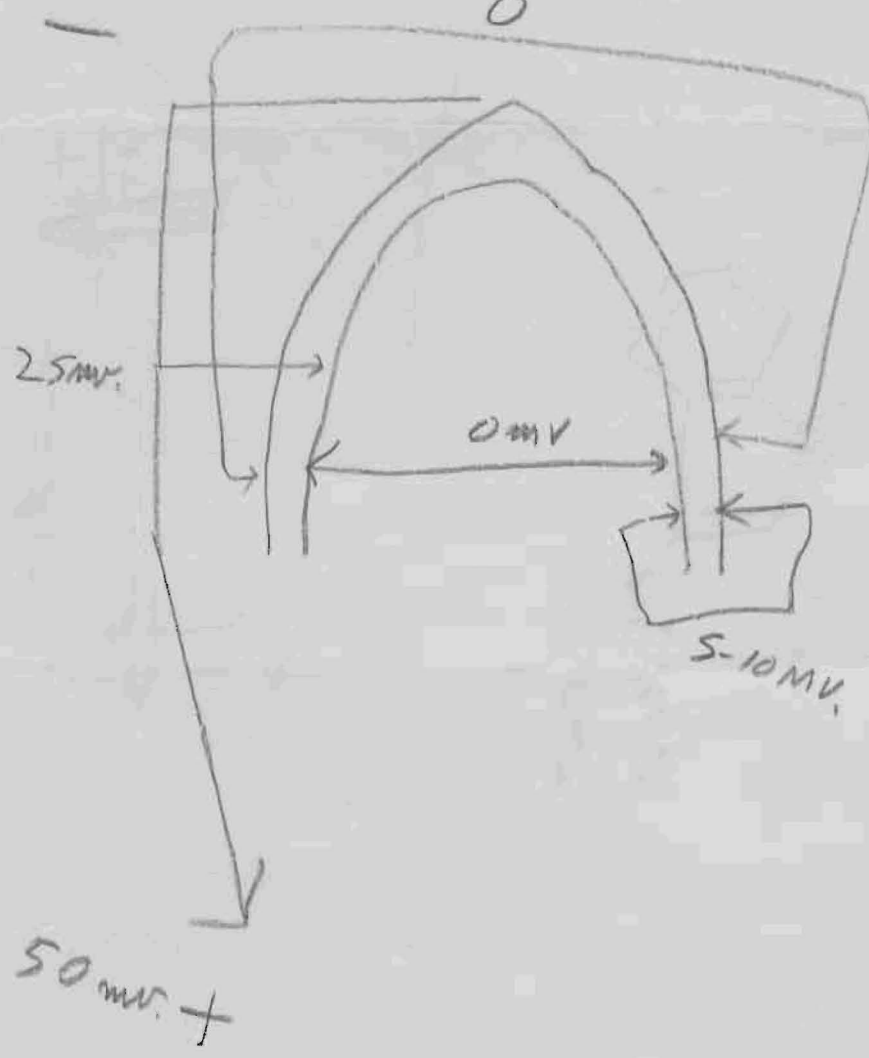
Genus: Dioscorea, Species: alata
Common name: Winged Yam
Hawaiian H: Hoi

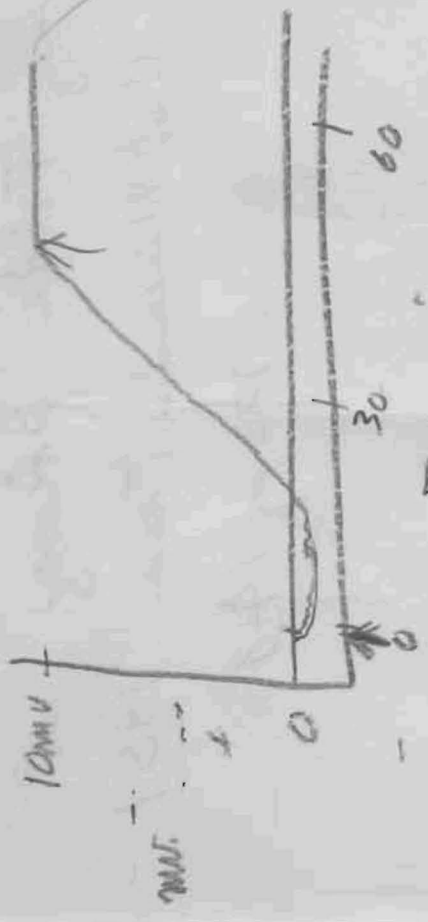
Sinistrorsely twining. Reaches tops of
highest trees. Grew plentifully on Ni'ihau
in Cook's time.

"Plant Growth Substances"
by Folke Skoog

U. of Wisconsin Press 1951

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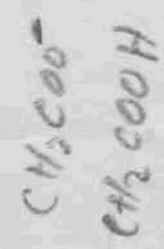




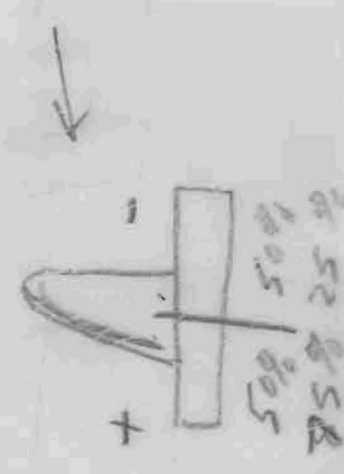
Time, min



Time, min



Indol-acetic acid



Time, min