



AZS FARMS

Hedge Natural Defense Plant Protectant Trial

Client Summary:

AZS Farms has been in business for over 100 years and is part of one of the largest greenhouse consortiums in New York State. AZS farms over 300 acres of vegetable ground and operates multiple greenhouses growing geraniums, ivy, fuchsia and spring plants. Their farm uses innovative cultural practices to maximize quality and minimize pesticide and chemical usage.

AZS Farms agreed to a trial of the HND Plant Protectant on a set of Geranium plants and Vinca Vines to see what impact it would have on the plants.

Geranium Testing:

A selection of new geranium roots were divided into two groups for planting. One group was planted according to AZS Farms' standard protocol in treated, fertilized soil. The second group was planted in untreated, unfertilized soil.

Both groups were regularly watered on the same schedule. Plants in group two (unfertilized soil) also received a weekly mist of HND Plant Protectant. No other variables were manipulated.

Results:

After three weeks both test groups were showing **identically** healthy plants.

This test is ongoing with once per week application and has spurred further interest with the possibility of replacing current fertilizers and additives with HND Plant Protectant.

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Vinca Vine Testing:

A batch of 1" cuttings of Variegated Vinca Vines were split into two groups and planted on Jan 4, 2018. One group received AZS Farms' standard nutrient and fertilizer inputs. The second group received **only** HND, which was applied via a misting sprayer on a weekly basis.

Results:

After three weeks, the HND treated vines (right) were measuring a 30-40% increase in fullness compared to the non-treated group (left). HND treated plants also experienced an increase in vine growth. Because of the promising observations, AZS Farms has agreed to expand testing to additional plants.

