# Increase Strawberry Yield with a Full Timac Agro Program

**Researcher:**
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**Site Location:**
Lancaster County, PA
Plasticulture Strawberries

## Purpose and hypothesis

The purpose of this experiment is to run a head to head comparison of our program vs Miller Chemical. These trials were enacted to evaluate program efficacy.

## Application

| Program | Products |
|---|---|
| Grower Standard | Miller Chemical Program |
| Timac Agro program | KSC, Fertiactyl, Fertileader (based on tissue testing) |

## Grower Comments

The Timac KSC mixed much better than the Millers products. No sludge left at the bottom of the fertigation system. "Earlier on we had larger healthier plants. The bloom on both first and second-year berries was longer, larger and more consistent. Berry size was great. We had better size on second year berries and the size stayed up through the season. The picking was longer than the Miller fertilizer program. Second year berries had the best production we ever had. The flavor was off a little but that could have been due to cloudy raining weather which dominated the picking season."- Grower comments

## Key Findings:

Miller Program: 4,144 qt/ac
Timac Program: 4,398 qt/ac

2072 qts/5000 plants (all plants were one year older) on the Miller program.

3950 qts/9000 plants (over half of the plants were 2-year-old) on the Timac program.

The grower's standard program of Miller Chemical fertilizer had yielded the equivalent of 4144 qts/ac (adjusted to 10000 plants per acre). The Timac program yielded an equivalent of 4389 qts/ac (adjusted to 10000 plants per acre) with over half of the plants being 2 years old. 2-year-old plants are almost always lower yielding.

Technical Service Report
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