

Tomatoes in 4-inch pots

5 week growth stage at 70 °F

- Seedlings transplanted September 23
- Pictures/harvested on October 31
- Liquid fertilizer treatments - fertilized 3/wk (M, W, F) at 100 mL at 100 ppm N except
- Vermicompost extract was 5/wk at 30 ppm N
- Clear water all other days as needed
- Sustane applied at 8 pounds / cubic yard

No fertilizer

Sustane 8-2-4

liquid 20-10-20
No Sustane

Liquid 20-10-20
Plus Sustane
8-4-4



No fertilizer

Sustane 8-2-4

Daniels Pinnacale
3-1-1 & No
Sustane

Daniels Pinnacale
3-1-1 Plus Sustane
8-4-4



No fertilizer

Sustane 8-2-4

Dramm O 2-5-0.2
& No Sustane

Dramm O 2-5-0.2
Plus Sustane 8-4-4



No fertilizer

Sustane 8-2-4

Dramm Clear
2-5-0.2
& No Sustane

Dramm Clear 2-5-0.2
Plus Sustane 8-4-4



No fertilizer

Sustane 8-2-4

Dramm One 4-4-0.5
& No Sustane

Dramm One 4-4-0.5
Plus Sustane



No fertilizer

Sustane 8-2-4

50% Dramm Clear
2-5-0.2
50% Worm Power
& No Sustane

50% Dramm Clear
2-5-0.2
50% Worm Power
Plus Sustane



No fertilizer

Sustane 8-2-4

80% Dramm Clear
2-5-0.2
20% Worm Power
& No Sustane

80% Dramm Clear
2-5-0.2
20% Worm Power
Plus Sustane



No fertilizer

Suståne 8-2-4

50% Dramm ONE 4-4-0.5
50% Worm Power
& No Suståne

50% Dramm ONE 4-4-0.5
50% Worm Power
Plus Suståne



No fertilizer

Suståne 8-2-4

80% Dramm ONE 4-4-0.5
20% Worm Power
& No Suståne

80% Dramm ONE 4-4-0.5
20% Worm Power
Plus Suståne



No fertilizer

Sustane 8-2-4

Worm Power
& No Sustane

Worm Power
Plus Sustane



Comparisons with the 4-6-4 + Biochar

In the labels below Sust. means 8-4-4
the 4-6-4+Biochar is noted as such

the 4-6-4+Biochar was also applied at 8
pounds per cubic year (so in actuality these
plants got half the nitrogen as their 8-4-4
counterparts)

No fertilizer



Sustane 8-2-4
8 pounds per yd³



Sustane 4-6-4 w/biochar
8 pounds per yd³



Sustâne 4-6-4 w/biochar
w/ liquid 20-10-20

Sustâne 8-2-4

No fertilizer



No fertilizer



Sustane 8-2-4



Sustane 4-6-4 w/biochar
w/ worm power



No fertilizer

Suståne 8-2-4

Suståne 4-6-4 w/biochar
w/ Daniels Pinnacle
3-1-1



Suståne 8-2-4
w/liquid
20-10-20



Suståne 4-6-4 w/biochar
w/ liquid 20-10-20



Sustane 8-2-4
w/ Worm Power



Sustane 4-6-4 w/biochar
w/ Worm Power



Suståne 8-2-4
w/ Daniels Pinnacle
3-1-1

Suståne 4-6-4 w/biochar
w/ Daniels Pinnacle
3-1-1

