

**Powerful Classroom Assessment: Super Grow Fertilizer
Annotations of Student Responses for Writing a Conclusion**

SR1	Value Point
Conclusion: Therefor super grow decreased the time taken to mature and did not affect the germination of the seeds.	1
Plant Supporting Data: In container #1 the pea took 70 days to mature, but in container #2 it only took 45 days to mature.	1
Seed Supporting Data: Only 2 seeds did not germinate because of experimental error in container #2 1 seed did not germinate in container #1 because of the same reason.	1
Explanatory Language: it only took 45 days	1
Total Value & Score Points	4 2

SR2	Value Point
Conclusion: Though one less seed germinated, the Super Grow did work faster	1
Plant Supporting Data: none	0
Seed Supporting Data: Only 13 seeds with the normal soil, where 14 seed germinated with the normal soil, but that's too be expected.	1
Explanatory Language: Only 13 seeds	1
Total Value & Score Points	3 1

SR3	Value Point
Conclusion: Super Grow will help your plants to mature faster as shown in the chart, but makes little difference on the number of seeds that get germinated	1
Plant Supporting Data: pea plant with only soil took 70 days to mature while the pea plant with Super Grow took only 45 dyas to mature	1
Seed Supporting Data: only one less pea seed germinated with Super Grow compared to only soil	1
Explanatory Language: that is 25 more days in only soil than with the Super Grow.	1
Total Value & Score Points	4 2



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Annotations of Student Responses for Writing a Conclusion (continued)

SR4	Value Point
Conclusion: The use of Super Grow shortens the length of time it takes for pea plants to mature	1
Plant Supporting Data: It took 70 days for the plants to mature without the Super Grow and 45 days with it.	1
Seed Supporting Data: none	0
Explanatory Language: This shows that Super Grow reduces the time.	1
Total Value & Score Points	3 1

SR5	Value Point
Conclusion: Super Grow is able to make them grow quicker	1
Plant Supporting Data: It took them just a little over half of the 70 days it took for the ones in container one. The 'them' be inferred to be container 2 with Super Grow.	1
Seed Supporting Data: none	0
Explanatory Language: The derived " a little over half " value can be credited	1
Total Value & Score Points	3 1

SR6	Value Point
Conclusion: So it shows that Super Grow does work is too vague	0
Plant Supporting Data: It did take only 45 days compared to 70 days to germinate is too vague (what is It ?)	0
Seed Supporting Data: incomplete and vague although one seed did not germinate	0
Explanatory Language: although, only	1
Total Value & Score Points	1 0



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SR7	Value Point
Conclusion: No conclusion is given, only discussion of data	0
Plant Supporting Data: using super grow, it only took the pea plants 45 days to mature when normal soil took 70 days cannot credit, Note #1	0
Seed Supporting Data: Using Super Grow made one less pea seed germinate then just having plain old soil cannot be credited, Note #1	0
Explanatory Language: only and derived data can be credited	1
Total Value & Score Points	1 0

SR8	Value Point
Conclusion: Super Grow fertilizer did help to bring down the amount of days that a pea takes to mature. On the other hand, the soil that was not treated with Super Grow produced one more seed then that soil that was treated (misuse of seed instead of plant can be ignored Note #6)	1
Plant Supporting Data: the maturing period was cut down by 25 days	1
Seed Supporting Data: the soil that was not treated with Super Grow produced one more seed	1
Explanatory Language: derived data is credited	1
Total Value & Score Points	4 2

SR9	Value Point
Conclusion: Although not all the seed germinated using super grow, the ones that did grew much quicker than the pea plants in container #1 using regular soil.	1
Plant Supporting Data: none	0
Seed Supporting Data: none	0
Explanatory Language: cannot be credited without some data	0
Total Value & Score Points	1 0



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Annotations of Student Responses for Writing a Conclusion (continued)

SR10	Value Point
Conclusion: Super Grow helped the pea plant to mature faster. Although one less pea plant germinated using Super Grow (misuse of germinated is ignored, Note #6)	1
Plant Supporting Data: It took 70 days for the plants with only soil and water to mature, and only 45 for those treated with super grow	1
Seed Supporting Data: ...(14 without, 13 with)...	1
Explanatory Language: Although one less, only	1
Total Value & Score Points	4 2

