

Plant Metabolism

Exam I

January 30, 2003

Name: _____

1. Give two examples of how recombinant DNA approaches were able to increase seed oil content.
2. What is the biochemical basis for canola?
3. When oleic acid is desaturated to 18:2 and 18:3, what form is it in during this process?
4. How are cuticles on the surface of plant organs formed?
5. What happens in the triple mutant of *fad3 fad7 fad8*; how is the plant affected?

