

Iowa FFA Agricultural Mechanics Career Development Event
2005

State of Iowa
DEPARTMENT OF EDUCATION
Career Education Division
Grimes State Office Building
Des Moines, IA 50319

CONESTENT NAME _____

CONTESTANT SCHOOL _____

INDUSTRY AND MARKETING SYSTEMS

Problem Solving/Skills

Material Safety Data sheets and Personal Protective Equipment

Instructions:

Refer to the accompanying chemical label to obtain answers for the questions below.

I. Chemical information (4 pts)

1. (1 pt) What is the trade or brand name? _____
2. (1 pt) This product is a pre- and post-emergence herbicide. (True or False) _____
3. (2 pt) What is the percentage of active ingredient in the product? _____

II. Environmental and Personal Safety (12 pts)

4. (1 pt) What is the signal word for this chemical? _____
5. (4 pts) List the recommended protective clothing to wear during loading. _____

6. (1 pt) Heavily chemical contaminated clothing must be? _____
7. (2 pts) This chemical is extremely toxic to what kind of wildlife? _____
8. (2 pts) This chemical can not be applied to what areas? _____
9. (2 pts) In case of accidental swallowing, who should be called? _____

III. Directions for Use (9 pts)

10. (1 pt) Partially filled containers must be stored in a secured locked area? (True or False) _____
11. (1 pt) Does this chemical require agitation in the tank? _____
12. (1 pt) When is it possible for re-entry without protective clothing? _____
13. (2 pts) What should be done with empty container? _____
14. (2 pts) What is the degree of control for morning glory? _____
15. (2 pts) How many applications can be made per year? _____

Total Possible 25



Iowa FFA Agricultural Mechanics Career Development Event
2005

State of Iowa
DEPARTMENT OF EDUCATION
Career Education Division
Grimes State Office Building
Des Moines, IA 50319

CONESTENT NAME _____

CONTESTANT SCHOOL _____

INDUSTRY AND MARKETING SYSTEMS

Problem Solving/Skills

Material Safety Data sheets and Personal Protective Equipment

Instructions:

Refer to the accompanying chemical label to obtain answers for the questions below.

I. Chemical information (4 pts)

1. (1 pt) What is the trade or brand name? LUMAX
2. (1 pt) This product is a pre- and post-emergence herbicide. (True or False) False
3. (2 pt) What is the percentage of active ingredient in the product? 43.34%

II. Environmental and Personal Safety (12 pts)

4. (1 pt) What is the signal word for this chemical? Caution
5. (4 pts) List the recommended protective clothing to wear during loading.
Coveralls over short sleeved shirt / shorts
Chemical resistant gloves
chemical resistant footwear plus socks
chemical resistant apron
6. (1 pt) Heavily chemical contaminated clothing must be? Discarded
7. (2 pts) This chemical is extremely toxic to what kind of wildlife? Aquatic invertebrates
8. (2 pts) This chemical can not be applied to what areas? Water, surface water
9. (2 pts) In case of accidental swallowing, who should be called? Poison Control

III. Directions for Use (9 pts)

10. (1 pt) Partially filled containers must be stored in a secured locked area? (True or False) FALSE
11. (1 pt) Does this chemical require agitation in the tank? YES
12. (1 pt) When is it possible for re-entry without protective clothing? 24 hrs after application
13. (2 pts) What should be done with empty container? Discard
14. (2 pts) What is the degree of control for morning glory? Partial control
15. (2 pts) How many applications can be made per year? Once (pre-emergence)

Total Possible 25