

National FFA Clinic Problem 1

FOR EVENT USE ONLY

The date is 10/12/16. You are scouting a Romaine lettuce field that has a large amount of grass that is coming up. In addition, the economic thresholds for both beet armyworm and flea beetle have been reached and it must be sprayed today. Using the lists below, decide which pesticides you will use to treat this field. Other factors to consider are that it has been slightly windy, the grower will need one day to open field for harvest, the harvest schedule says 10/23/2016; but, because the market is good, fields are being harvested a week early.

REI (Re Entry Interval) - number of hours that field is unavailable for worker entry, in tank mix highest REI is used

PHI (Pre Harvest Interval) - number of days after application that crop is unavailable for harvest, in tank mix highest PHI is used

Beet Armyworm

Insecticides	REI	PHI
Lannate SP	48	10
Proclaim	12	7
Belt SC	12	1
Radiant SC	4	1

Flea Beetle Insecticides

Insecticides	REI	PHI
Warrior 2 ZT	24	1
Mustang	12	30
Tombstone Helios	12	0
Sniper	12	7

Grass Herbicides

Herbicides	REI	PHI
Intensity One	24	14

Downey Mildew

Fungicide	REI	PHI
Fontelis	12	3
Forum	12	0
Manzate Pro-Stick	24	10

Drift Retardant

Retardant	REI	PHI
Liberate	0	0

Agronomy CDE

National FFA Agronomy Clinic Problem 1

Name: _____ **Team No:** _____

State: _____ **Member No:** _____

Please answer the following questions:

1. What product or products would you recommend that the grower apply to control the problems that you have identified as existing in the field?

2. Why did you choose the product or products you chose?

3. Will the company experience any problems with their intended harvest schedule and why or why not?