

Agronomy CDE Team Event For Event Use Only

Questions and Possible Answers for Judges to Ask Each Team

1. Why would the use of Credit 41 or Round Up Power Max be a problem for the onion seed crop production field?

Answer: These herbicides are formulations of glyphosate which is a non-selective herbicide and would kill the onion crop.

2. Although you are guaranteed a \$1,000 per acre profit at the end of the growing season, how do you feel about having to pay out of your pocket all your production costs and not be reimbursed until after harvest?

Possible Answer: With the very inexpensive borrowing rates in effect currently, only a short six months before harvest from planting time, a return of 21.6% on the money in six months, and an enforceable contract (hopefully, with a surety bond in effect), I wouldn't be concerned.

3. Thinking long-term now, what might be the consequences of applying Colorado River water with a pH of 7.6 over and over again to a field?

Possible Answer: I would be worried about the long term build-up of salts in the soil.

4. What possible action could a grower take to reduce the impact from the previous question?

Answer: Flood the field whenever salt build-up becomes severe so that the salts are leached out of the topsoil or rooting zone.