

NCCC 216 – Annual Meeting

February 7 2017

Tucson, AZ at the WSSA annual conference

Attendees: Lisa Rew, Anita Dille, Christy Sprague, Karen Renner, Greta Gramig, Ramon Leon, Erin Haramoto, Erin Burns, Sharon Clay, Doug Buhler (AA)

As a discussion group / Coordinating Committee, still searching for methods to bring the group together with common interests. There remains some interest in being a research versus discussion group but agreed we need to get a new focus than garners greater interest from the whole group. Doug Buhler suggested that when this occurred we could approach him for funding to obtain preliminary data for a full proposal.

General topics that could be pursued:

- a) regional perspective on timing of seed shattering in crop
- b) development of on-line Weed Science textbook for undergraduate / graduate teaching.
- c) what is happening with precision agriculture? (and could this be part of the on-line book)
- d) regional perspective on weather – how many appropriate days for POST weed management.

Further discussion about Weed Science open access / online textbook lessons:

- a) What are open access textbook options?
- b) A list of potential 'lecture' topics could be developed,
- c) What is the overall design of the modules that would be interactive, lessons, questions, etc.
- d) Could be available through the WSSA web site?
- e) Get sponsorship from the WSSA for developing such resources
- f) Would a USDA Higher Education Challenge Grant be a way to develop resources?
- g) Propose providing \$4000 to \$5000 / person to create a module. Highlight and blend basic technical with social issues including communication skills ... example, issues around atrazine... from use in the field, to why is EPA re-evaluating?

Further discussion about Available POST Weed Management Days:

- a) Get weather data across region, and determine available days for: post inter-row cultivation or tillage days (dry days); POST herbicide (low wind, low drift days; no temperature inversion days)
- b) Limit to three cropping systems: corn, soybean, cotton? in the Midwest region. Document planting dates, GDD and what weeds to expect when.

(AD visited with Marty Williams about this idea: see recent paper published: Tomasek BJ, MM Williams II, AS Davis 2017. Changes in field workability and drought risk from projected climate change drive

spatially variable risks in Illinois cropping systems. PLOS One  
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0172301> )