Ornamental & Turf Pest Control	
Federal category for commercial applicators	
Are any existing manuals/exams available?	Probably
Research notes: - Anything identified in the AAPCO survey? - What did you find online? - What did you learn contacting others?	-9 yes/17 maybe/22 no - review of online O&T materials from states identifying as needing a new manual, and how they are distinct from a typical O&T category is below - Utah's manual is online. - an online search of Yakima Nation provided results for WA state (may piggyback)
How many states/tribes use this category?	-all, required by new regs
How national, regional, or local is the training material likely to be, for this category? For example, would you expect the training material to be similar in each state, or tailored to local pests/conditions?	-regional is likely best due to differences in seasonality, plants, maintenance, pests, water, etc.
How is the category lumped with other categories and/or split into several categories?	- Ornamental and Turf is 2 categories - IN - Pests and Weeds is 2 categories - NM, OR, WA - Golf Course category - KY - Greenhouse pests are a separate manual - IA
The new competencies are described in 40 CFR Part 171.103(d)(3)	***Ornamental and turf pest control.*** Applicators must demonstrate practical knowledge of pesticide problems associated with the production and maintenance of ornamental plants and turf. The required knowledge includes the potential for phytotoxicity due to a wide variety of plants to be protected, for drift, for persistence beyond the intended period of pest control, and for non-target exposures. Because of the frequent proximity of human habitations to application activities, applicators in this category must demonstrate practical knowledge of application methods that will minimize or prevent hazards to humans, pets, and other domestic animals.
Are there emerging regulations or science in this area?	lots of biological and 25(b) products, as well as consumer awareness related to pollinator protection, and human health considerations.
Are there opportunities to reduce duplication of effort?	yes, as some things are consistent across the country such as protection of human health and the environment; application methods; drift/chemical trespass; pest life stages

Are there critical items or methods needed to ensure accuracy/quality? Are there tripping hazards on the path to adopting the new/revised manual?	Some states do have preemption regulations that require/do not allow the use of certain active ingredients or sites - this is a sticky area and will have to be determined at the individual state level how to address..
Category required for applicators as described in 40 CFR Part 171.103(c)	***Ornamental and turf pest control.*** This category applies to commercial applicators who use or supervise the use of restricted use pesticides to control pests in the maintenance and production of ornamental plants and turf.
Need or interest for workgroup?	Yes, regional is likely the best route.
Interested parties	
Researched/summarized by CTAG Exec Sec Amy Sullivan	

Marty Fowler	marty_fowler@hotmail.com	Yes, in the near
Megan Patterson	megan.l.patterson@maine.gov	Yes, down the ro
Amanda Strouse	amanda.strouse@delaware.gov	Yes, in the near
Ric Bessin	rbessin@uky.edu	Yes, in the near
Dana Beegle	dbeegle@vt.edu	Yes, down the ro
Amanda Couture	amanda.couture@maine.gov	Yes, down the ro

Summary (1-3 paragraphs):

A Regional manual is likely the best option due to the differences in seasonality, plants, pests, water, maintenance, etc. This category is lumped/split in several different states: it's 2 categories in Indiana, New Mexico, Oregon and Washington; Iowa has greenhouse pests as a separate manual, and Kentucky has a gold course category. There are opportunities to reduce duplication or efforts since some things are consistent across the country, such as protection of human health and the environment, application methods, drift/chemical trespass, and pest life stages. Some critical items to consider were that some states do have preemption regulations that require/do not allow the use of certain active ingredients on sites. There is also emerging.
regulations of science that involve biologicals and 25(b) products, as well as consumer awareness related to pollinator protections and human health considerations.