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Alfalfa Weed Survey—Seedling to Stand Establishment

Supplement to UC IPM Pest Management Guidelines: Alfalfa

Grower _____ Date of survey _____

Field location _____ Date planted _____ Previous crop _____

Mechanical Control/Herbicide/Application Date _____

Comments _____

How to survey

1. Walk through each field in a random pattern, rating the degree of infestation for each weed species on your weed survey form. Use either a numeric scale of 1 to 5, or rate weed species as "light," "medium," or "heavy."
2. Check fencerows, ditch banks, field edges, and wet spots as these may be problem areas for weed growth.
3. Check areas around the field edges, as these areas could be potential sources for wind-disseminated seeds.
4. Pay particular attention to perennial weeds. Record the dominant species on this form.
5. Indicate the growth stage of the weed on the form (for example, seedling or mature).
6. Sketch a map of the field and mark areas with where major weed infestation.
7. **Record your results on page 2.**

Information collected over a period of years tells you how weed populations are changing and how effective your management operations have been.

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Weed	Rating	Seedling or mature
Winter annual broadleaf		
chickweed, common		
filaree		
shepherd's-purse		
sowthistle		
henbit		
groundsel, common		
mallow (cheeseweed)		
fiddlenecks		
redmaids (desert rockpurselane)		
spurry, corn		
mustards		
prickly lettuce		
wild radish		
miner's lettuce		
London rocket		
burning nettle		
Summer annual broadleaf		
knotweed, common		
common lambsquarters		
pigweeds		
*sunflower, yellow		
starthistle, yellow		
burclover		
cocklebur, common		
nightshade, hairy		
milkthistle		
pineapple weed		
willowherb, tall annual		
Summer annual grasses		
barnyardgrass		
fescue, rattail		
foxtail, yellow		
goosegrass		

Weed	Rating	Seedling or mature
Winter Annual grasses		
annual bluegrass		
ryegrass		
canarygrass, littleseed		
wheat		
swinecress		
hare (wild) barley		
wild oat		
Summer or winter annuals		
celery, wild		
rush, toad		
spurge, petty		
Perennial broadleaves		
*sunflower, yellow		
speedwell, thyme		
buttercup		
curly dock		
dandelion		
field bindweed		
smartweed, water		
Perennial grasses		
bermudagrass		
brome, riggut		
johnsongrass		
fescues		
puna grass		
Other perennials		
nutsedge		
Biennial broadleaves		
oxtongue, bristly		
dovefoot		
Other		

