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Tomato—Tomato Weed Survey

Supplement to UC IPM Pest Management Guidelines: Tomato

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. Either use 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. Note the location of weeds producing seeds.
4. Check areas around the field edges, as these areas could be potential sources for wind-disseminated seeds.
5. Pay particular attention to perennial weeds.
6. Sketch a map of the field and mark areas with 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.

Map of your field

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Weed	Rating	Seedling or mature
Summer Annual broadleaves		
bassia, fivehook		
chamomile		
dodder (no leaves)		
knotweed, common		
lambsquarters, common		
pigweeds		
jimsonweed		
nightshade, black		
nightshade, hairy		
*sunflower, yellow		
starthistle, yellow		
lettuce, miner's		
cocklebur, common		
goosefoot, nettleleaf		
groundcherry		
horseweed		
mallow, venice		
heliotrope		
mullein, turkey		
pineapple-weed		
tobacco, indian		
purslane		
puncturevine		
spurge		
velvetleaf		
thistle, russian		
Annuals/biennial/perennials		
morningglories		
sunflower, common		
pimpernel, scarlet		
Summer or winter annuals		
cudweed, purple		

Weed	Rating	Seedling or mature
Winter annual broadleaves		
chickweed, common		
filaree		
shepherd's-purse		
sowthistle		
henbit		
groundsel, common		
mallow (cheeseweed)		
fiddlenecks		
redmaids (desert rockpurse/ane)		
spurry, corn		
mustards		
lettuce, prickly		
milkthistle		
burning nettle		
London rocket		
Winter Annual grasses		
annual bluegrass		
brome		
canarygrass, littleseed		
cereals, volunteer		
hare (wild) barley		
rabbitfootgrass		
ryegrass		
wild oat		
Summer Annual Grasses		
crabgrass		
cupgrass		
barnyardgrass		
fingergrass		
foxtail		
junglerice		
lovegrass		
sandbur		
sprangletop		
witchgrass		

Weed	Rating	Seedling or mature
Perennial broadleaves		
bindweed, field		
*sunflower, yellow		
chicory		
speedwell		
nightshade, silverleaf		
tolguacha		
curly dock		
dandelion		
cress, hoary		
fleabane, hairy		
smartweed		
broomrape		
carpet weed		
catsear		
clover		
knapweed, russian		
plantain		
sida, alkali		
Sedges		
nutsedge, yellow		
nutsedge, purple		
Biennials		

