APPENDIX 21.1

Onion grower report form.

Grower: _____ Field: _____ Scout: _____ Date: _____

Variety: _____ Time in: _____ Time out: _____

Crop stage: Loop: _____ Flag: _____ Average green leaves per plant: _____

Pest summary		Threshold	Weed size codes:
Botrytis leaf blight (Sample 3 oldest leaves).	No. of lesions/leaf: Blight Alert: Spray required? Yes No Seconday sporulation: Yes No	First spray at 1 lesion/leaf. Later sprays follow Blight Alert forecasts.	G = Germinating, threads, or sprouts S = <1" tall; or for rosette, <1" diameter L = >1" tall; or for rosette, >1" diameter R = flowering or reproducing
Downy mildew	Yes No		**Pest/Weed Map** **N**
Thrips (Sample all leaves).	Use sequential sampling chart ***or*** No. of thrips/plant: No. of thrips/leaf:	3 thrips/leaf	
Cutworms	No. row feet cut: Location:		
Onion maggot flies	Peak flight Yes No Generation 2nd 3rd Current degree days:	Spray at second and third peaks if first generation damage is greater than 5 percent.	Weed species: Size and density:

Sequential sampling chart

	Onion Thrips												Botrytis leaf blight	
Plants	2 leaves		4 leaves		6 leaves		8 leaves		10 leaves		12 leaves			
	Low.[1]	Up.	Low.	Up.	Low.	Up.	Low.	Up.	Low.	Up.	Low.	Up.	Low.	Up.
15	35	145	75	285	120	420	160	560	205	695	250	830	17	73
20	60	180	120	360	185	535	250	710	315	885	385	1055	28	92
25	**80**	**220**	**165**	**435**	**255**	**645**	**345**	**855**	**435**	**1065**	**525**	**1275**	**39**	**111**
30	**105**	**255**	**215**	**505**	**325**	**755**	**440**	**1000**	**555**	**1245**	**670**	**1490**	**50**	**130**
35	130	290	265	575	400	860	535	1145	675	1425	815	1705	62	148
40	155	325	310	650	475	965	635	1285	800	1600	965	1915	74	166
45	**175**	**365**	**360**	**720**	**550**	**1070**	**735**	**1425**	**925**	**1775**	**1115**	**2125**	**86**	**184**
50	**200**	**400**	**410**	**790**	**625**	**1175**	**840**	**1560**	**1055**	**1945**	**1270**	**2330**	**99**	**201**

1: "Lower" and "Upper" limit values are compared with a running total of thrips or Botrytis lesions, every five plants.

Running total for thrips (sequential sampling) or to determine average number of thrips per leaf.

1				5					10					15					20					25

Running total for Botrytis leaf blight (sequential sampling) or to determine average number of lesions per leaf.

1				5					10					15					20					25

Comments: