

Table 2. Bird activity and damage to untreated sites on cooperating farms.

Farm	Average number of birds	Largest flock	Ave bird droppings/ 100 plants	Brown silk	Loss in untreated	Type of bird
Amos Zittel & Sons – Field 1	32	73	4.9	43 %	2.0 %	common black bird, red-winged black bird
Amos Zittel & Sons – Field 2	17	59	5.0	90 %	4.0 %	common black bird, red-winged black bird, starlings
Amos Zittel & Sons – Field 3	18	35	4.9	48 %	6.0 %	common black bird
Henry W. Agle & Sons –Field 1	10	29	2.9	67 %	2.5 %	red-winged black bird, common black bird
Henry W. Agle & Sons – Field 2 .....	.	100	17	100 %	7.0 %	common black birds
Byler Farm.....	15	27	40.3	48 %	25.0 %	common black bird, red-winged black bird, grackle, swallow
J Hurtgam Farm .....	.	.	10.1	.	17.2 %	common black bird, red-winged black bird

Table 3. Evaluation of bird deterrents as measured by number of droppings and yield loss at Zittel Farms in 2015.

Treatment	Zittel field 1		Zittel field 2		Zittel field 3	
	# droppings/ 100 plants	% yield loss	# droppings/ 100 plants	% yield loss	# droppings/ 100 plants	% yield loss
Untreated.....	3.7	2.0	5.0	4.0	4.9	6.0
Avian Control (32 oz/A).....	2.2	0.5	3.0	2.0	9.1	0.0
Scare-eye balloons	0.3	0.0	.	.	.	.
Air-dancer	2.0	0.0	.	.	.	.

Treatments were initiated on 23 July in field 1 and 30 July in fields 2 and 3. Harvest occurred on 6 July, 10 July, and 19 August in fields 1, 2 and 3, respectively.

Table 4. Evaluation of bird deterrents as measured by number of droppings and yield loss at Agle and Byler Farms in 2015.

Treatment	Agle		Byler	
	# droppings/ 100 plants	% yield loss	# droppings/ 100 plants	% yield loss
Untreated.....	6.0	2.5	38.3	8.7
Avian Control (32 oz/A).....	5.5	1.0	41.3	7.5
Scare-eye balloons	3.3	0.0	25.1	6.0

Treatments were initiated on 23 July and 27 July and final harvest occurred on 6 August and 18 August at Agle and Byler farms, respectively.

Table 5. Evaluation of bird deterrents as measured by number of droppings and yield loss at Hurtgam Farms in 2015.

Treatment	Hurtgam Field 1		Hurtgam Field 2	
	# droppings/ 100 plants	% yield loss	# droppings/ 100 plants	% yield loss
Untreated.....	13.0	4.5	13.0	30.0
Avian Control (32 oz/A).....	16.5	10.5	9.7	13.0
Scare-eye balloons	8.0	4.0	.	.
Air-dancer	8.0	4.0	8.7	11.0

Treatments were initiated on 22 July and 1 August, and final harvest occurred on 31 July and 18 August for fields 1 and 2, respectively.