

P. cu-2: presence of *Pseudoperonospora cubensis* clade 2 sporangia (downy mildew of cucurbits; infects cucumber, cantaloupe)

S: spore trapping started on this date

P. cu-1: presence of *Pseudoperonospora cubensis* clade 1 sporangia (downy mildew of cucurbits; infects acorn squash, butternut squash, pumpkin, watermelon)

E: spore trapping ended on this date

P. hu: presence of *Pseudoperonospora humuli* sporangia (downy mildew of hop)

DM: 1st downy mildew disease found

Date	Monroe	Berrien	Bay	Saginaw	Muskegon	Allegan	Ingham
19-May	/	/	S - / -	/	/	S - / -	/
20-May	/	/	- / -	/	/	- / -	/
21-May	/	/	- / -	/	/	- / -	/
22-May	/	/	- / -	/	/	- / -	/
23-May	S - / -	/	- / -	/	/	- / -	/
24-May	- / -	/	- / -	/	/	- / -	/
25-May	- / -	/	- / -	/	/	- / -	/
26-May	- / -	/	- / -	/	/	- / -	/
27-May	- / -	/	- / P. hu	/	/	- / -	/
28-May	- / -	/	- / -	/	/	- / -	/
29-May	- / -	/	- / -	/	/	- / -	/
30-May	- / -	/	- / -	/	/	- / -	/
31-May	- / -	S - / -	- / -	S - / -	/	- / -	/
1-June	- / -	- / -	- / -	- / -	/	- / -	/
2-June	- / -	- / -	- / -	P. cu-2 / -	/	- / -	/
3-June	- / -	- / -	P. cu-2 / -	- / -	/	- / -	/
4-June	- / -	- / -	- / -	- / -	/	- / -	/
5-June	- / -	- / -	- / -	- / -	/	- / -	/
6-June	- / -	- / -	- / -	- / -	S - / -	- / -	S - / -
7-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
8-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
9-June	- / -	- / -	- / -	- / -	- / -	- / P. hu	- / -
10-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
11-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
12-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
13-June	- / -	- / -	- / -	- / -	- / -	- / -	- / P. hu
14-June	- / -	P. cu-2 / -	P. cu-2 / -	- / -	- / -	- / -	- / P. hu
15-June	- / -	P. cu-2 / -	- / -	- / -	- / -	- / -	- / -
16-June	- / -	P. cu-2 / -	- / -	- / -	- / -	- / -	- / -
17-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
18-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
19-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
20-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
21-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
22-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
23-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
24-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
25-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
26-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
27-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
28-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
29-June	- / -	- / -	- / -	- / -	- / -	- / -	- / -
30-June	- / -	- / -	- / -	- / -	- / P. hu	- / -	- / -
1-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
2-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
4-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
5-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
6-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
7-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
8-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
9-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
10-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
11-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
12-July	- / -	- / -	P. cu-2 / -	- / -	- / -	- / -	- / -
13-July	- / -	- / -	- / -	P. cu-2 / -	- / -	- / -	- / -
14-July	P. cu-2 / -	- / -	- / -	- / -	- / -	P. cu-2 / -	- / -
15-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
16-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
17-July	- / -	- / -	P. cu-2 / -	- / -	P. cu-2 / -	P. cu-2 / -	P. cu-2 / -

P. cu-2: presence of *Pseudoperonospora cubensis* clade 2 sporangia (downy mildew of cucurbits; infects cucumber, cantaloupe)

S: spore trapping started on this date

P. cu-1: presence of *Pseudoperonospora cubensis* clade 1 sporangia (downy mildew of cucurbits; infects acorn squash, butternut squash, pumpkin, watermelon)

E: spore trapping ended on this date

P. hu: presence of *Pseudoperonospora humuli* sporangia (downy mildew of hop)

DM: 1st downy mildew disease found

Date	Monroe	Berrien	Bay	Saginaw	Muskegon	Allegan	Ingham
18-July	- / -	- / -	- / -	- / -	- / P. hu	- / -	- / -
19-July	P. cu-2 /	- / -	- / -	- / -	P. cu-2 / -	- / -	- / -
20-July	- / -	- / -	P. cu-2 / -	- / -	P. cu-2 / -	- / -	- / -
21-July	- / -	- / -	- / -	P. cu-2 /	P. cu-2 / -	- / -	- / -
22-July	- / -	- / -	- / -	- / -	P. cu-2 / -	- / -	P. cu-2 /
23-July	- / -	- / -	P. cu-2 / -	- / -	P. cu-2 / -	- / -	- / -
24-July	P. cu-2 / -	- / -	P. cu-2 / -	- / -	P. cu-2 / -	- / -	- / -
25-July	- / -	- / -	P. cu-2 / -	P. cu-2 / -	DM - / -	- / -	P. cu-2 / -
26-July	- / -	- / -	- / -	- / -	P. cu-2 / -	- / -	- / -
27-July	P. cu-2 / -	- / -	- / -	P. cu-2 / -	P. cu-2 / -	- / -	- / -
28-July	- / -	P. cu-2 / -	- / -	- / -	P. cu-2 / -	- / -	- / -
29-July	- / -	- / -	- / -	- / -	P. cu-2 / -	P. cu-2 / -	DM - / -
30-July	- / -	- / -	- / -	- / -	- / -	- / -	- / -
31-July	- / -	- / -	- / -	- / -	- / -	P. cu-2 / -	- / -
1-August	P. cu-2 / -	- / -	- / -	- / -	P. cu-2 / -	- / -	- / -
2-August	- / -	P. cu-2 / -	- / -	- / -	E - / -	- / -	- / -
3-August	P. cu-2 / -	- / -	- / -	- / -	/	- / -	- / -
4-August	P. cu-2 / -	- / -	DM - / -	DM - / -	/	- / -	- / -
5-August	- / -	DM - / -	- / -	- / -	/	- / -	- / -
6-August	P. cu-2 / -	- / -	- / -	- / -	/	P. cu-2 / P. cu-1	- / -
7-August	- / -	- / -	- / -	- / -	/	- / P. cu-1	- / -
8-August	E - / -	- / -	- / -	- / -	/	E - / -	- / -
9-August	/	P. cu-2 / -	- / -	P. cu-2 / -	/	/	- / -
10-August	/	- / -	P. cu-2 / -	P. cu-2 / -	/	/	- / -
11-August	/	P. cu-2 / -	- / -	P. cu-2 / -	/	/	- / -
12-August	/	- / -	- / -	- / -	/	/	P. cu-2 / -
13-August	/	- / -	- / -	- / -	/	/	- / -
14-August	/	- / -	- / -	P. cu-2 / -	/	/	- / -
15-August	/	- / -	E - / -	E - / -	/	/	- / -
16-August	/	P. cu-2 / -	/	/	/	/	- / -
17-August	/	- / -	/	/	/	/	- / -
18-August	/	- / -	/	/	/	/	- / -
19-August	/	- / -	/	/	/	/	P. cu-2 / -
20-August	/	- / -	/	/	/	/	P. cu-2 / -
21-August	/	- / -	/	/	/	/	- / -
22-August	/	- / -	/	/	/	/	P. cu-2 / -
23-August	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
24-August	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
25-August	/	- / -	/	/	/	/	P. cu-2 / -
26-August	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
27-August	/	- / -	/	/	/	/	P. cu-2 / -
28-August	/	- / -	/	/	/	/	- / -
29-August	/	- / -	/	/	/	/	P. cu-2 / -
30-August	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
31-Aug	/	P. cu-2 / -	/	/	/	/	P. cu-2 /
1-Sep	/	- / -	/	/	/	/	P. cu-2 /
2-Sep	/	P. cu-2 / -	/	/	/	/	/
3-Sep	/	P. cu-2 / -	/	/	/	/	/
4-Sep	/	- / -	/	/	/	/	/
5-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 /
6-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 /
7-Sep	/	- / -	/	/	/	/	/
8-Sep	/	- / -	/	/	/	/	P. cu-2 / -
9-Sep	/	- / -	/	/	/	/	P. cu-2 / -
10-Sep	/	- / -	/	/	/	/	- / -
11-Sep	/	- / -	/	/	/	/	P. cu-2 / -
12-Sep	/	P. cu-2 / -	/	/	/	/	- / -
13-Sep	/	- / -	/	/	/	/	- / -
14-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
15-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -

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DM: 1st downy mildew disease found

Date	Monroe	Berrien	Bay	Saginaw	Muskegon	Allegan	Ingham
16-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
17-Sep	/	P. cu-2 / P. hu	/	/	/	/	P. cu-2 / -
18-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
19-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
20-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
21-Sep	/	P. cu-2 / -	/	/	/	/	P. cu-2 / -
22-Sep	/	P. cu-2 / -	/	/	/	/	- / -
23-Sep	/	P. cu-2 / -	/	/	/	/	- / -
24-Sep	/	- / -	/	/	/	/	- / -
25-Sep	/	- / -	/	/	/	/	- / -
26-Sep	/	P. cu-2 / -	/	/	/	/	- / -
27-Sep	/	P. cu-2 / -	/	/	/	/	- / -
28-Sep	/	- / -	/	/	/	/	- / -
29-Sep	/	- / -	/	/	/	/	- / -
30-Sep	/	- / -	/	/	/	/	- / -
1-Oct	/	- / -	/	/	/	/	- / -
2-Oct	/	E - / -	/	/	/	/	E - / -