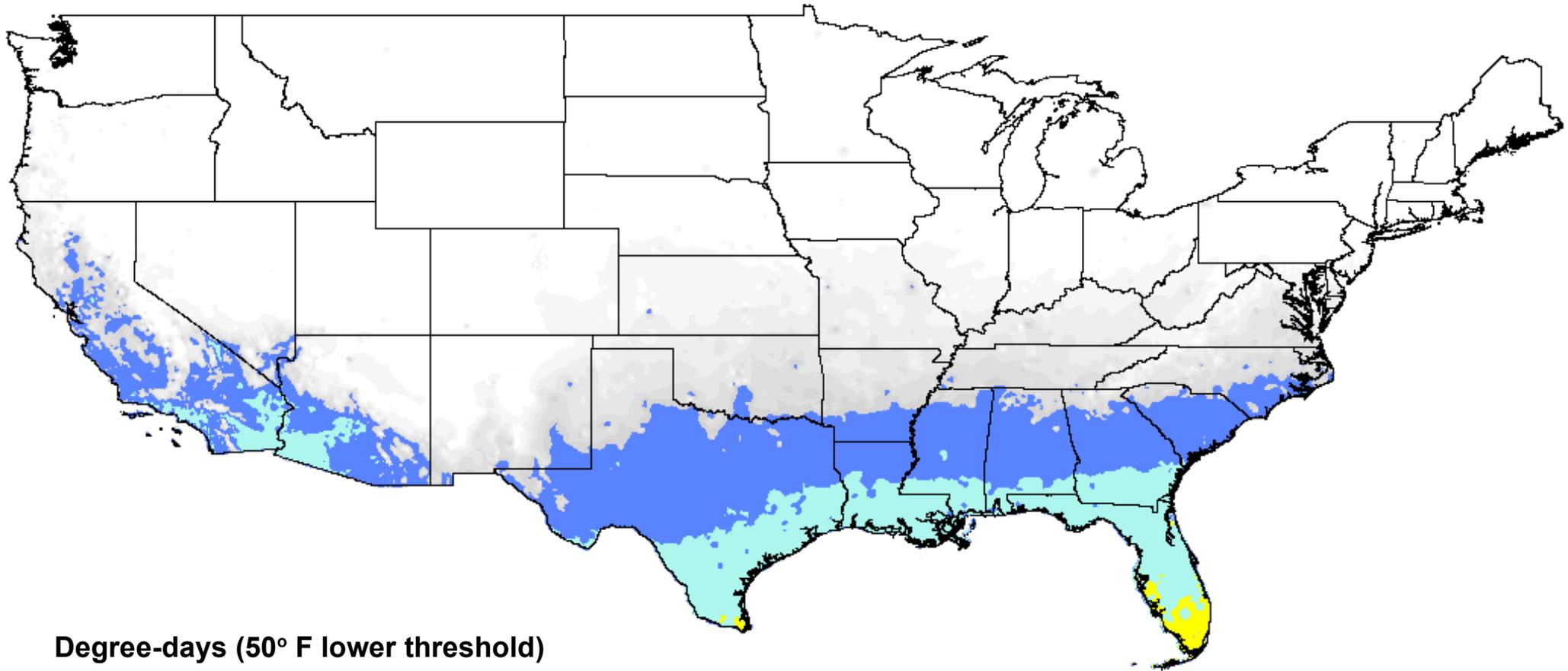


# Spotted Wing Drosophila Estimated Phenology Jan 1 - Mar 1 2012



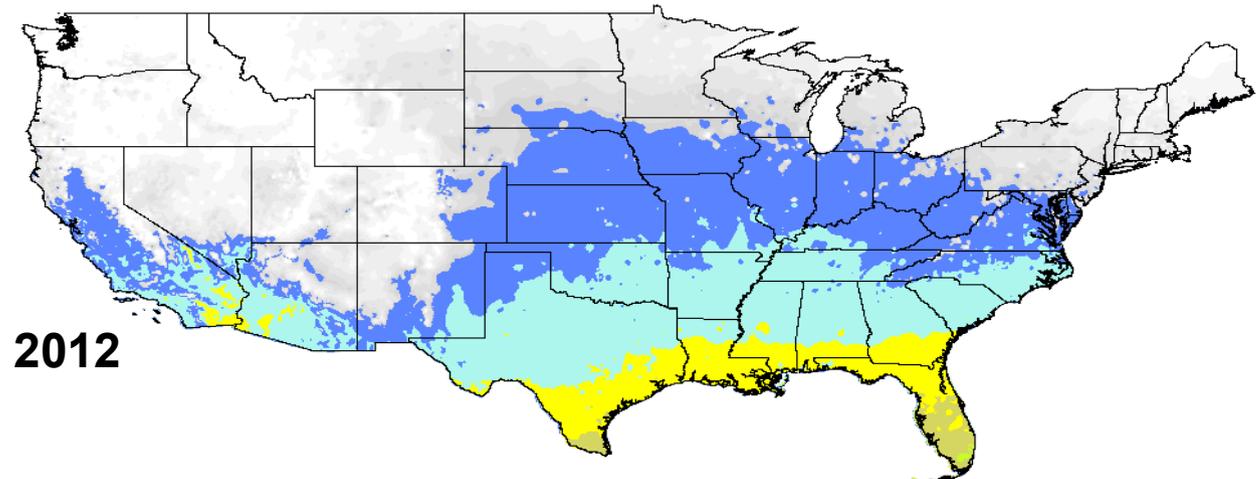
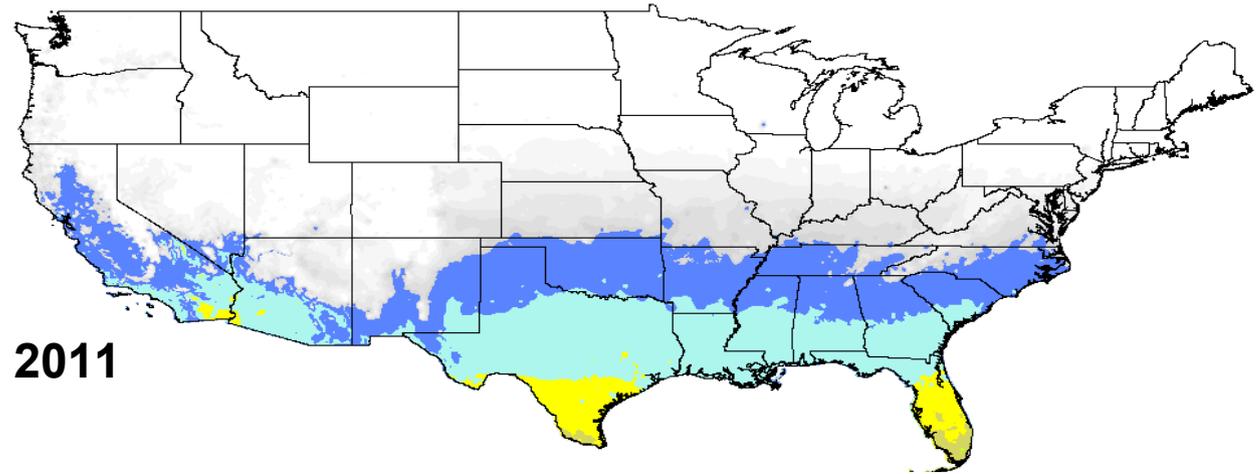
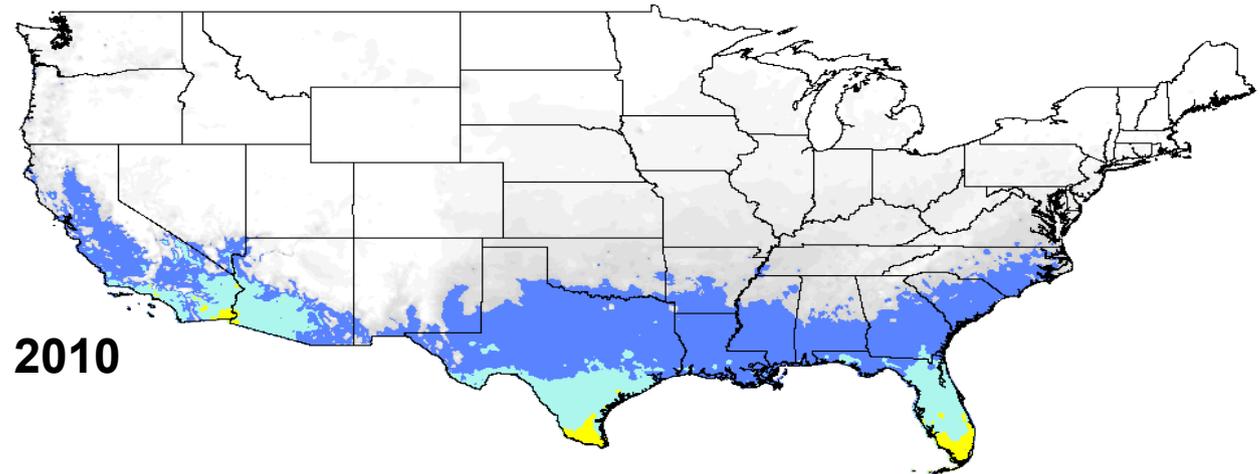
**Degree-days (50° F lower threshold)**

- 0-230 pre-egg-laying activity
- 231-500 egg-laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops ipmPIPE**

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Apr 1

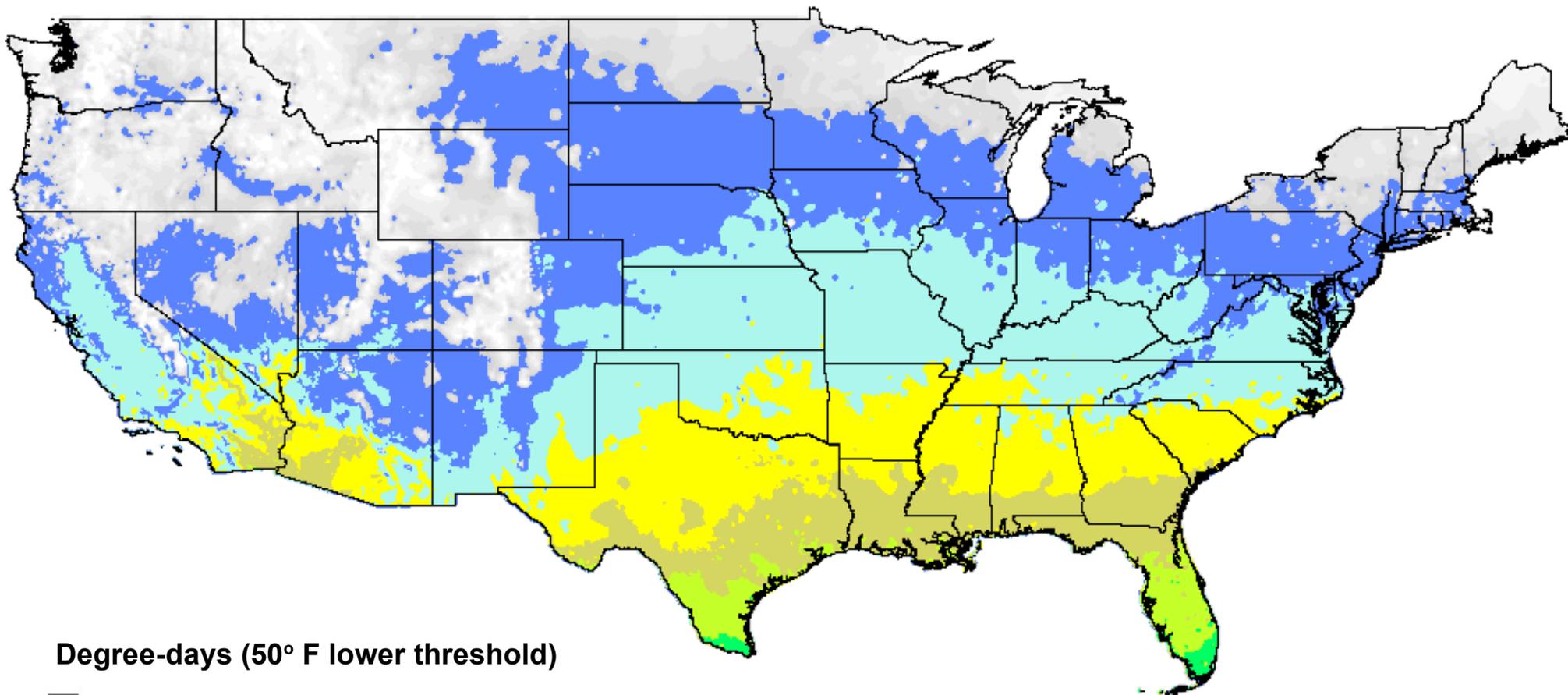
Degree-day model  
developed at OSU IPPC  
[uspest.org/wea](http://uspest.org/wea) in  
collaboration with  
Western Specialty  
Crops ipmPIPE



Degree-days (50° F lower threshold)

- 0-230 pre-egg-laying activity
- 231-500 egg-laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence

# Spotted Wing Drosophila Estimated Phenology Jan 1 - May 1 2012

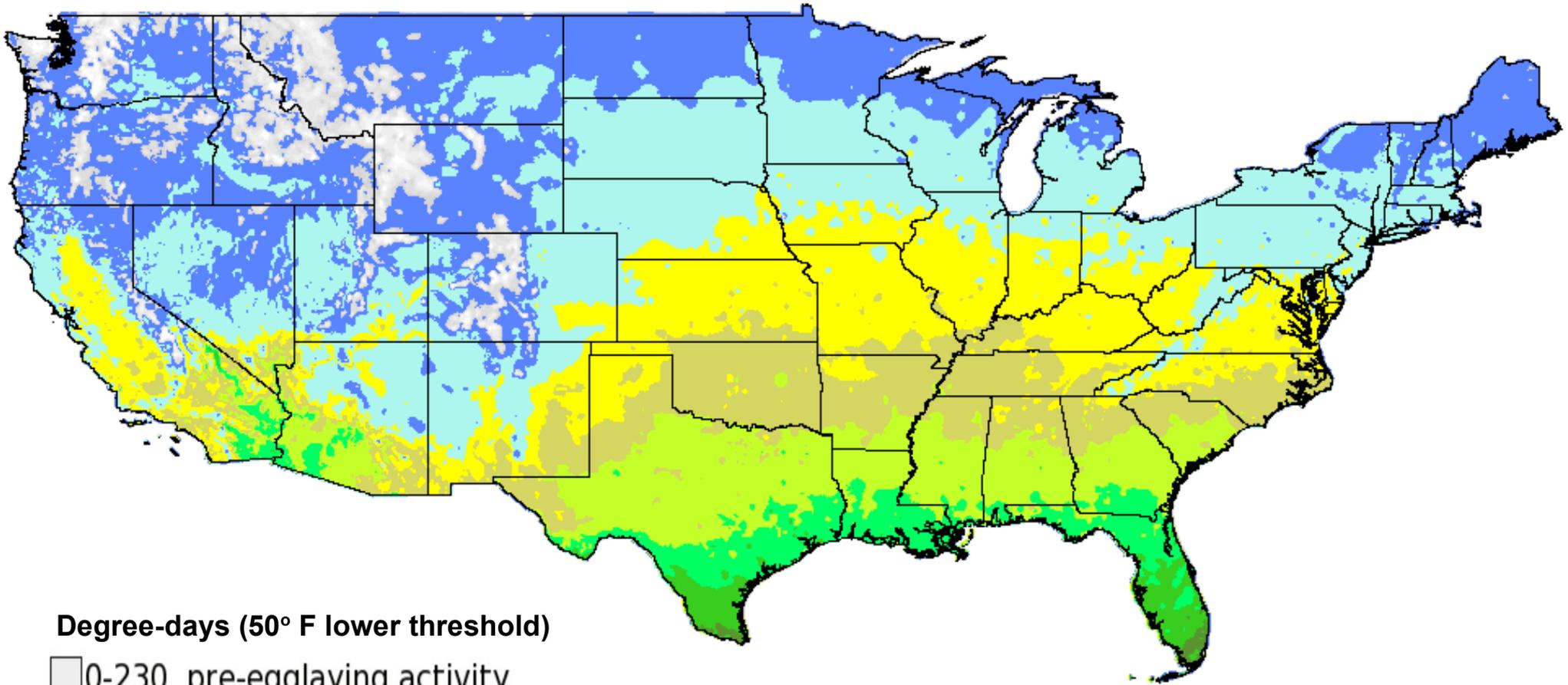


## Degree-days (50° F lower threshold)

- 0-230 pre-egg-laying activity
- 231-500 egg-laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence
- 1986-2480 4th gen. emergence
- 2481-2975 5th gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops PIPE**

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Jun 1 2012

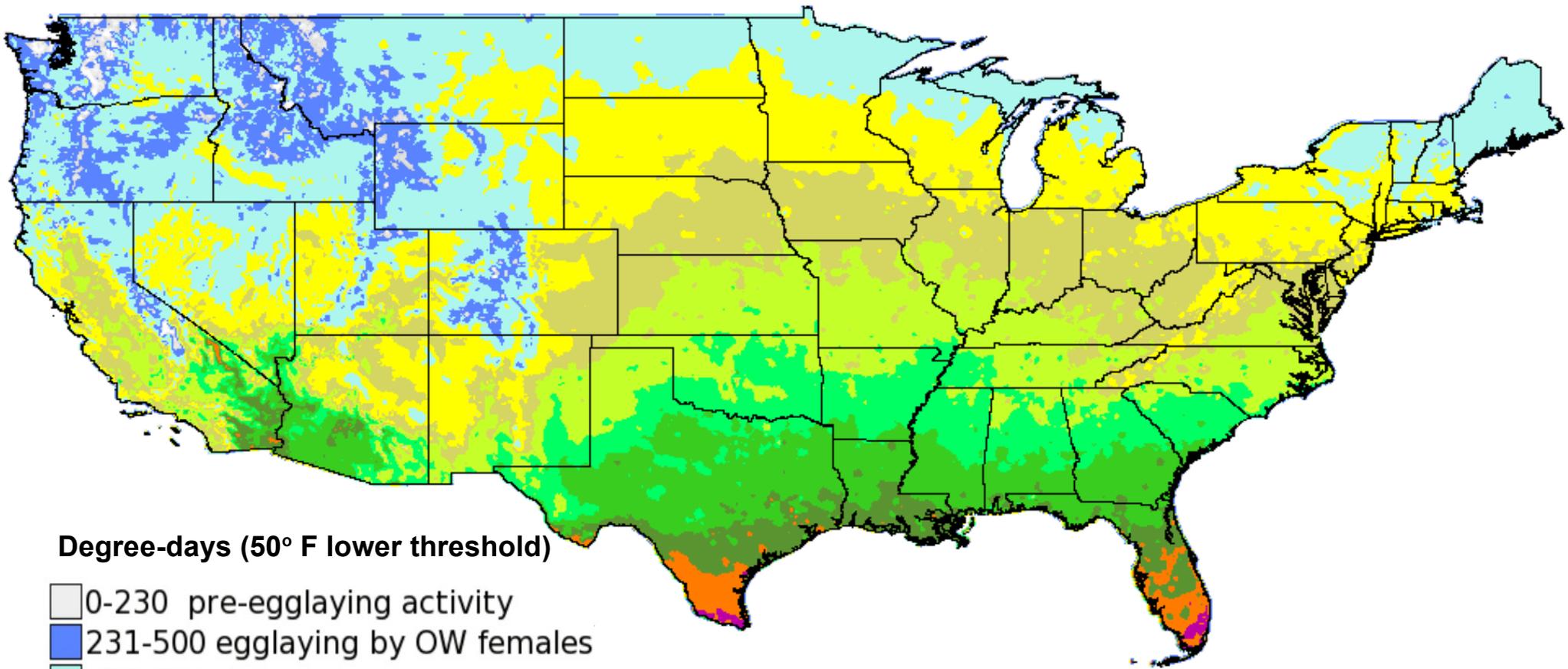


## Degree-days (50° F lower threshold)

- 0-230 pre-egg laying activity
- 231-500 egg laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence
- 1986-2480 4th gen. emergence
- 2481-2975 5th gen. emergence
- 2976-3470 6th gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops PIPE**

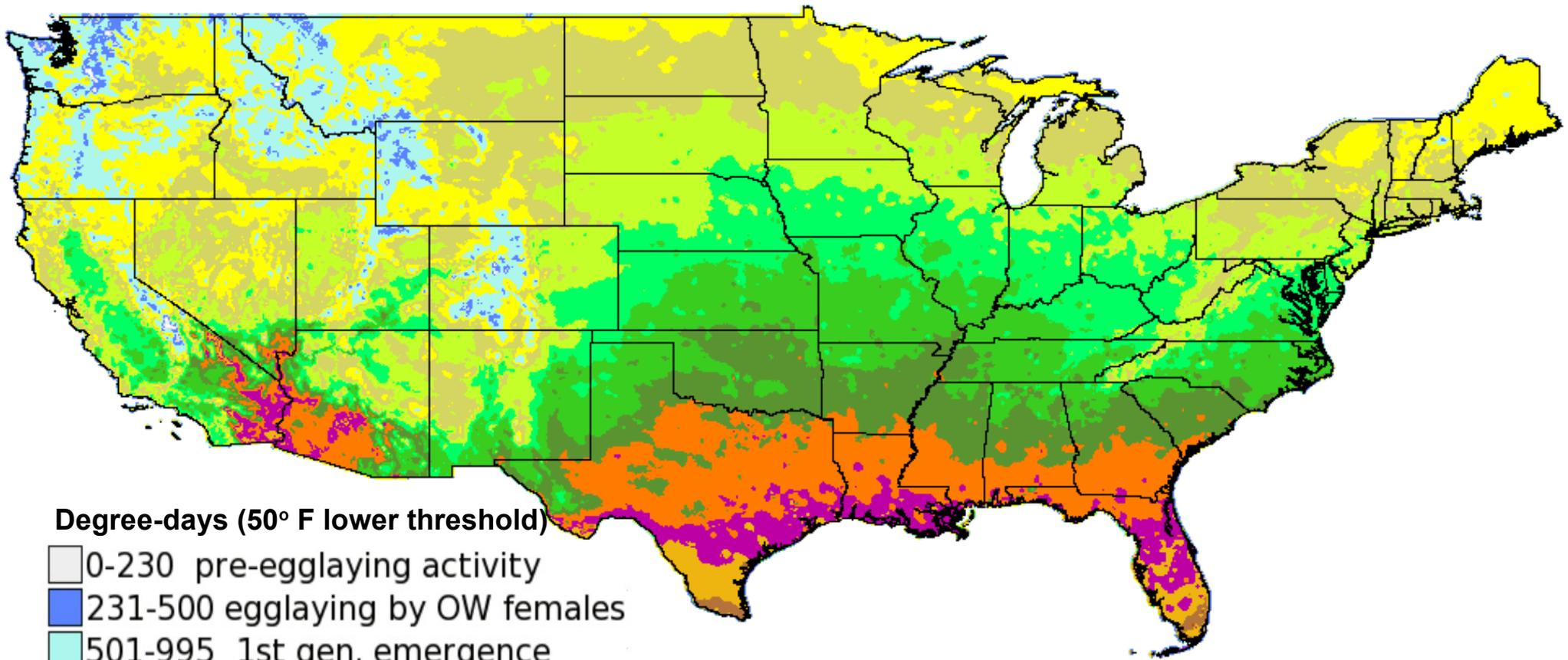
# Spotted Wing Drosophila Estimated Phenology Jan 1 - Jul 1 2012



- Degree-days (50° F lower threshold)**
- 0-230 pre-egg laying activity
  - 231-500 egg laying by OW females
  - 501-995 1st gen. emergence
  - 996-1490 2nd gen. emergence
  - 1491-1985 3rd gen. emergence
  - 1986-2480 4th gen. emergence
  - 2481-2975 5th gen. emergence
  - 2976-3470 6th gen. emergence
  - 3471-3965 7th gen. emergence
  - 3966-4460 8th gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops PIPE**

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Aug 1 2012

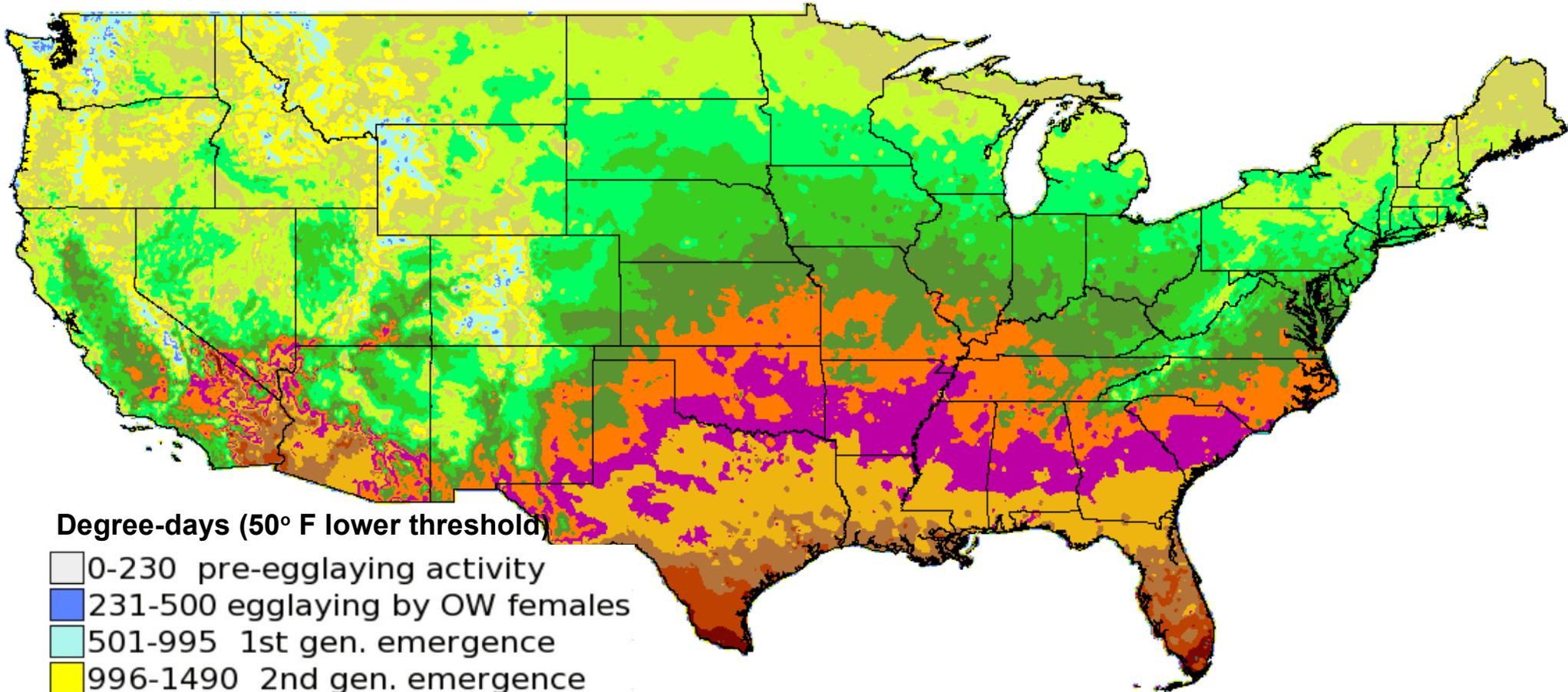


## Degree-days (50° F lower threshold)

- 0-230 pre-egg laying activity
- 231-500 egg laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence
- 1986-2480 4th gen. emergence
- 2481-2975 5th gen. emergence
- 2976-3470 6th gen. emergence
- 3471-3965 7th gen. emergence
- 3966-4460 8th gen. emergence
- 4461-4955 9th gen. emergence
- 4956-5450 10th gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops PIPE**

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Sep 1 2012

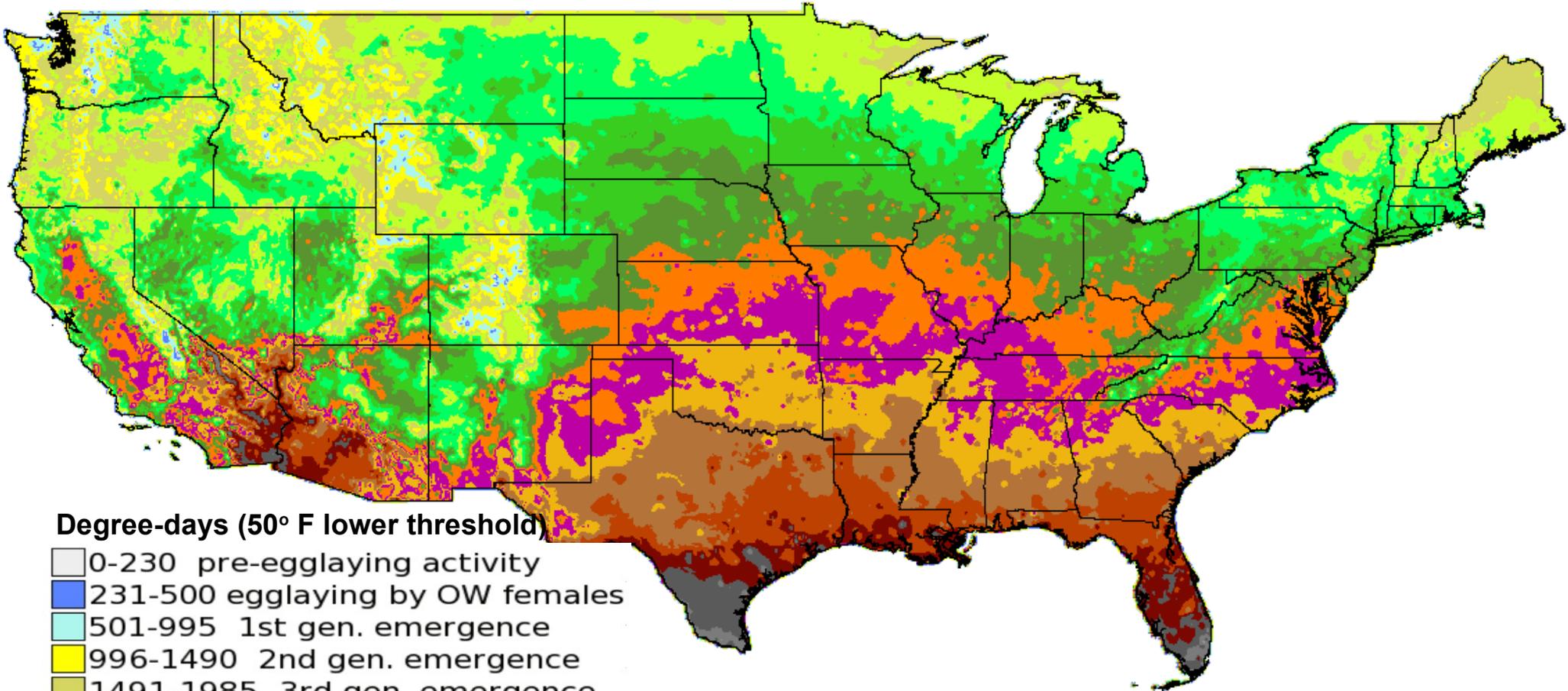


## Degree-days (50° F lower threshold)

- 0-230 pre-egg laying activity
- 231-500 egg laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence
- 1986-2480 4th gen. emergence
- 2481-2975 5th gen. emergence
- 2976-3470 6th gen. emergence
- 3471-3965 7th gen. emergence
- 3966-4460 8th gen. emergence
- 4461-4955 9th gen. emergence
- 4956-5450 10th gen. emergence
- 5451-5945 11th gen. emergence
- 5946-6440 12th gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops PIPE**

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Oct 1 2012

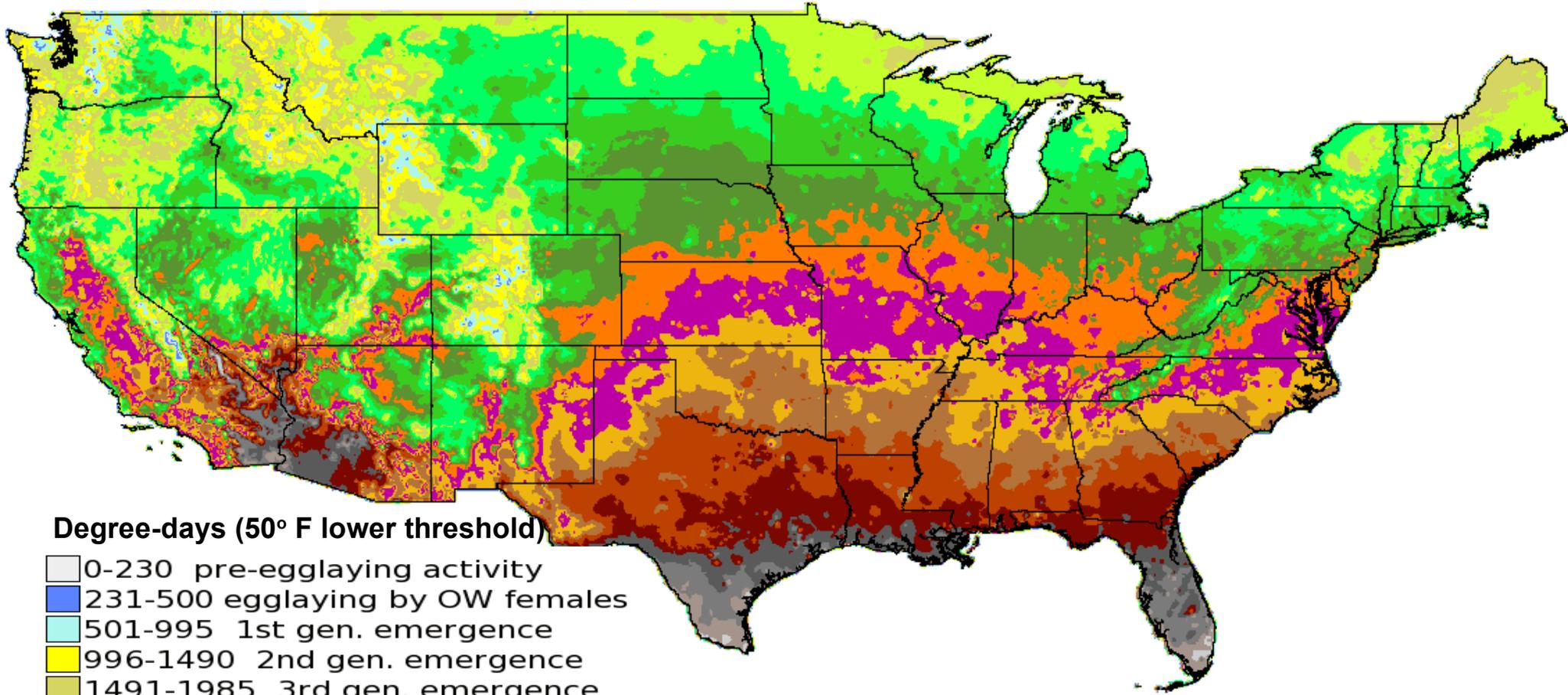


## Degree-days (50° F lower threshold)

- 0-230 pre-egg laying activity
- 231-500 egg laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence
- 1986-2480 4th gen. emergence
- 2481-2975 5th gen. emergence
- 2976-3470 6th gen. emergence
- 3471-3965 7th gen. emergence
- 3966-4460 8th gen. emergence
- 4461-4955 9th gen. emergence
- 4956-5450 10th gen. emergence
- 5451-5945 11th gen. emergence
- 5946-6440 12th gen. emergence
- 6441-6935 13th gen. emergence
- 6936-7430 14th gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops PIPE**

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Nov 1 2012

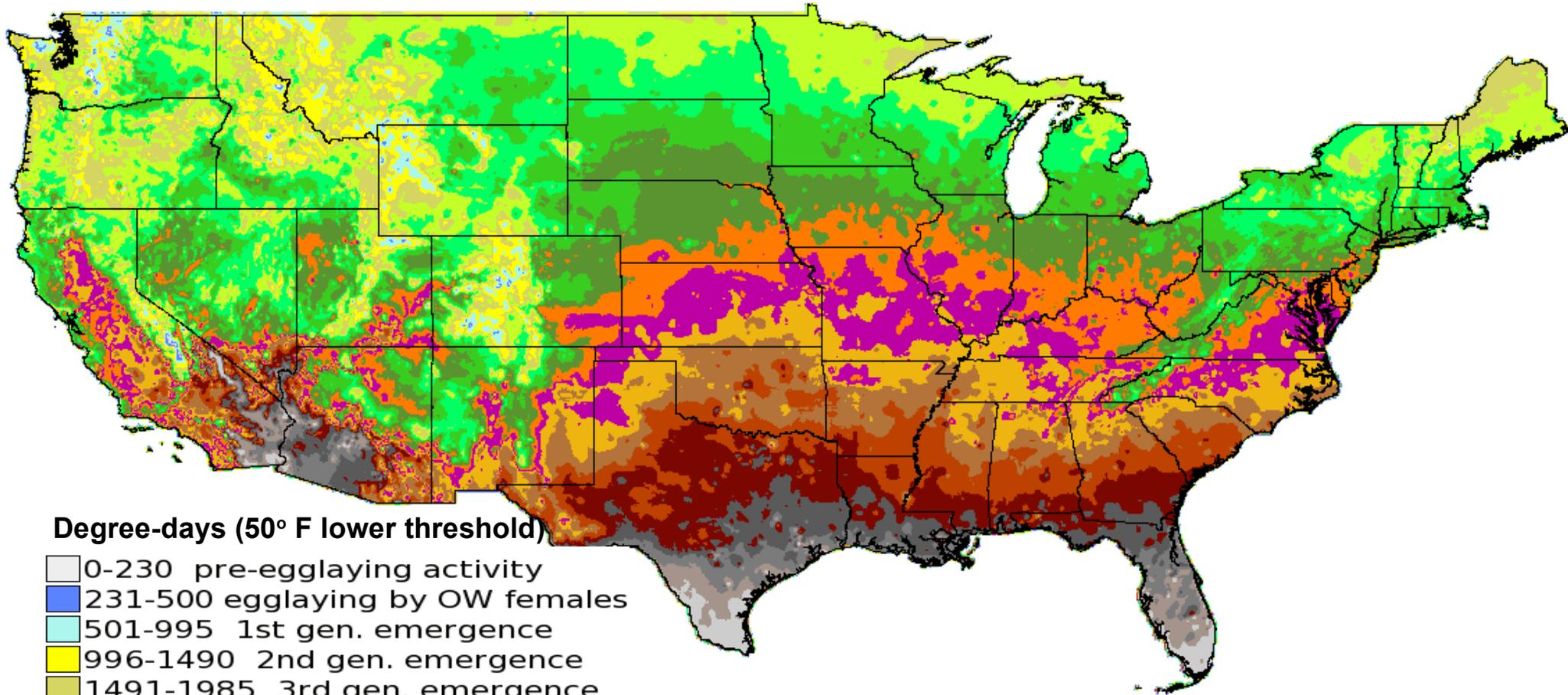


## Degree-days (50° F lower threshold)

0-230	pre-egg laying activity
231-500	egg laying by OW females
501-995	1st gen. emergence
996-1490	2nd gen. emergence
1491-1985	3rd gen. emergence
1986-2480	4th gen. emergence
2481-2975	5th gen. emergence
2976-3470	6th gen. emergence
3471-3965	7th gen. emergence
3966-4460	8th gen. emergence
4461-4955	9th gen. emergence
4956-5450	10th gen. emergence
5451-5945	11th gen. emergence
5946-6440	12th gen. emergence
6441-6935	13th gen. emergence
6936-7430	14th gen. emergence
7431-7925	15th gen. emergence
7926-8420	16th gen. emergence

Degree-day model developed at OSU  
 IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
 with Western Specialty Crops PIPE

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Dec 1 2012

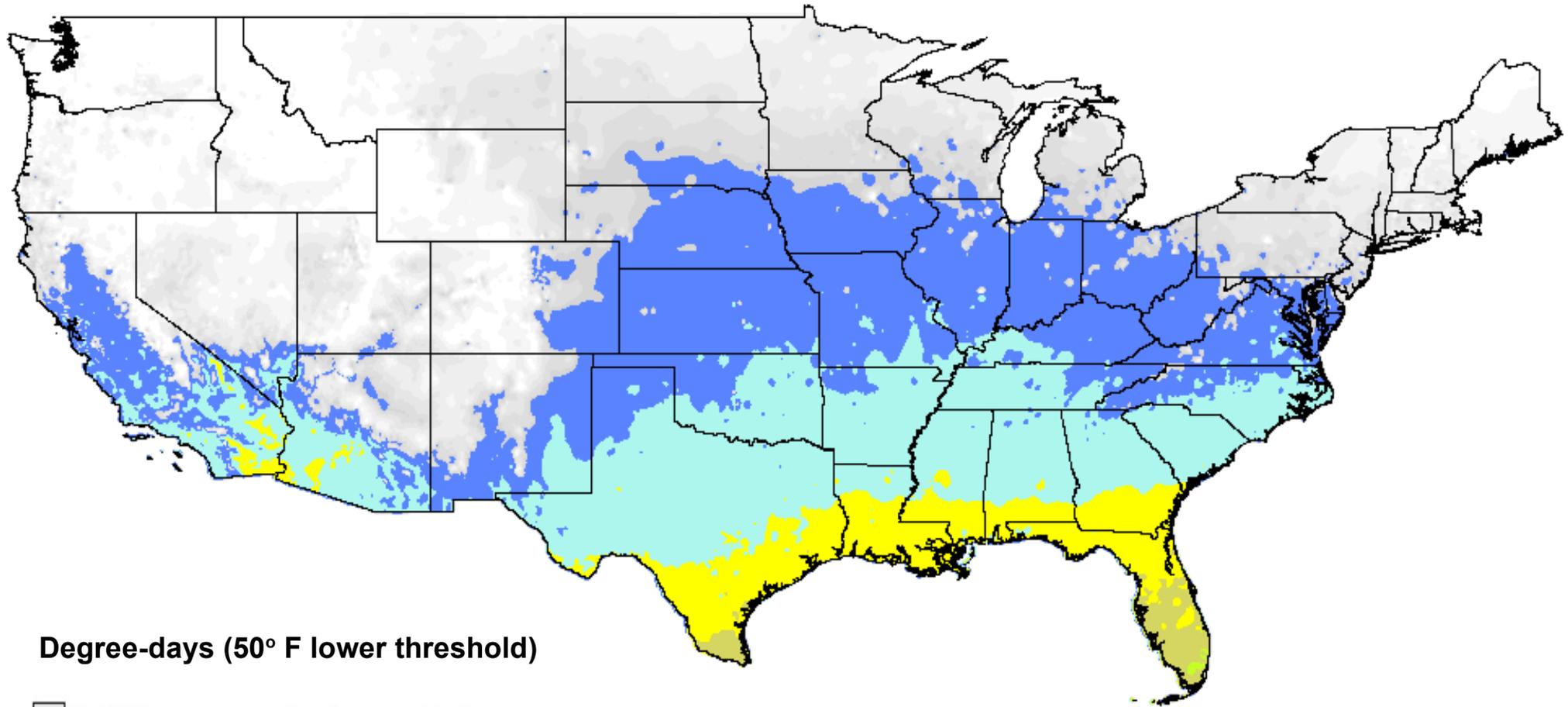


## Degree-days (50° F lower threshold)

0-230	pre-egg-laying activity
231-500	egg-laying by OW females
501-995	1st gen. emergence
996-1490	2nd gen. emergence
1491-1985	3rd gen. emergence
1986-2480	4th gen. emergence
2481-2975	5th gen. emergence
2976-3470	6th gen. emergence
3471-3965	7th gen. emergence
3966-4460	8th gen. emergence
4461-4955	9th gen. emergence
4956-5450	10th gen. emergence
5451-5945	11th gen. emergence
5946-6440	12th gen. emergence
6441-6935	13th gen. emergence
6936-7430	14th gen. emergence
7431-7925	15th gen. emergence
7926-8420	16th gen. emergence

Degree-day model developed at OSU  
 IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
 with Western Specialty Crops PIPE

# Spotted Wing Drosophila Estimated Phenology Jan 1 - Apr 1 2012



**Degree-days (50° F lower threshold)**

- 0-230 pre-egg-laying activity
- 231-500 egg-laying by OW females
- 501-995 1st gen. emergence
- 996-1490 2nd gen. emergence
- 1491-1985 3rd gen. emergence

**Degree-day model developed at OSU  
IPPC [uspest.org/wea](http://uspest.org/wea) in collaboration  
with Western Specialty Crops ipmPIPE**