

| Pixel       |      |               |          |        |        |            |            |        |        |            |            |        |        |            |            |     |      |    |      |     |      |    |   |    |      |    |  |
|-------------|------|---------------|----------|--------|--------|------------|------------|--------|--------|------------|------------|--------|--------|------------|------------|-----|------|----|------|-----|------|----|---|----|------|----|--|
| DBH Classes | SAF  | Healthy Hosts |          | 2018   |        |            |            | 2017   |        |            |            | 2016   |        |            |            | Sxd |      | Bl |      | Act |      | Ep |   | Ac |      | Cw |  |
|             |      | Card          | Card*SAF | Card 1 | Card 2 | Card*SAF 1 | Card*SAF 2 | Card 3 | Card 4 | Card*SAF 3 | Card*SAF 4 | Card 5 | Card 6 | Card*SAF 5 | Card*SAF 6 |     |      |    |      |     |      |    |   |    |      |    |  |
| 12.5-17.4   | 2    |               | 0        |        |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          |     | 0    |    | 0    |     | 0    |    | 0 |    | 0    | 0  |  |
| 17.5-25     | 3.3  | 7             | 23.1     | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 0   | 0    | 8  | 26.4 | 0   | 0    |    | 0 | 0  | 0    | 0  |  |
| 25.1-30     | 5.3  | 14            | 74.2     | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 0   | 0    | 4  | 21.2 | 1   | 5.3  |    | 0 | 0  | 0    | 0  |  |
| 30.1-35     | 7.1  | 9             | 63.9     | 1      |        | 7.1        | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 0   | 0    | 0  | 0    | 1   | 7.1  |    | 0 | 0  | 0    | 0  |  |
| 35.1-40     | 9.4  | 4             | 37.6     | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 1   | 9.4  | 0  | 0    | 1   | 9.4  |    | 0 | 0  | 0    | 0  |  |
| 40.1-45     | 11.6 | 4             | 46.4     | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 0   | 0    | 0  | 0    | 0   | 0    |    | 0 | 0  | 0    | 0  |  |
| 45.1-50     | 13.8 | 1             | 13.8     | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 1   | 13.8 | 0  | 0    | 1   | 13.8 |    | 0 | 0  | 0    | 0  |  |
| 50.1-55     | 16.2 | 0             | 0        | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 1   | 16.2 | 0  | 0    | 0   | 0    |    | 0 | 0  | 0    | 0  |  |
| 55.1-60     | 18.7 | 2             | 37.4     | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 1   | 18.7 | 0  | 0    | 0   | 0    |    | 0 | 0  | 0    | 0  |  |
| 60.1+       | 25.3 | 3             | 75.9     | 0      |        | 0          | 0          |        |        | 0          | 0          |        |        | 0          | 0          | 0   | 0    | 0  | 0    | 0   | 0    |    | 0 | 1  | 25.3 | 0  |  |
| Totals      |      | 44            | 372.3    | 1      | 0      | 7.1        | 0          | 0      | 0      | 0          | 0          | 0      | 0      | 0          | 0          | 4   | 58.1 | 12 | 47.6 | 4   | 35.6 | 0  | 0 | 1  | 25.3 | 0  |  |

% Spruce Attack

Total Spruce 45

Total Spruce

Attack 1

Bark Patch

| Bark Sample | #Entrance Holes | # Parent Adults | # Larvae | # Pupae | # Callow Adults | Total Brood |
|-------------|-----------------|-----------------|----------|---------|-----------------|-------------|
| N           | 3               | 1               | 6        | 0       | 2               | 8           |
| S           | 4               | 2               | 8        | 1       | 1               | 10          |
| N           | 3               | 1               | 1        | 0       | 0               | 1           |
| S           | 3               | 0               | 0        | 0       | 0               | 0           |
| N           | 1               | 1               | 0        | 0       | 0               | 0           |
| S           | 2               | 0               | 4        | 0       | 2               | 0           |
| N           | 3               | 4               | 0        | 0       | 0               | 0           |
| S           | 1               | 0               | 0        | 0       | 0               | 0           |
| N           | 3               | 6               | 0        | 0       | 0               | 0           |
| S           | 1               | 0               | 0        | 0       | 0               | 0           |
| N           | 1               | 1               | 0        | 0       | 0               | 0           |
| S           | 0               | 0               | 0        | 0       | 0               | 0           |
| N           | 1               | 0               | 0        | 2       | 0               | 2           |
| S           | 2               | 0               | 0        | 0       | 0               | 0           |
| N           | 3               | 4               | 0        | 0       | 0               | 0           |
| S           | 4               | 2               | 0        | 1       | 0               | 1           |
| N           | 4               | 7               | 0        | 0       | 0               | 0           |
| S           | 3               | 8               | 0        | 0       | 0               | 0           |
| N           | 2               | 4               | 0        | 0       | 0               | 0           |
| S           | 1               | 1               | 0        | 0       | 0               | 0           |
| N           | 4               | 0               | 0        | 0       | 0               | 0           |
| S           | 2               | 1               | 0        | 0       | 0               | 0           |
| AVG         | 2.32            | 1.95            | 0.86     | 0.18    | 0.23            | 1           |

| Mean Attack Density | Mean Larval Density |
|---------------------|---------------------|
| High                | Low                 |

Percent Attacked

|                 |       |
|-----------------|-------|
| % 2018 Attack   | 1.87  |
| % 2017 Attack   | 0.00  |
| % 2016 Attack   | 0.00  |
| % Host in stand | 69.49 |

Sanitation and Salvage Harvesting Priority Rating

130.04      Assess Live attack area in conjunction with polygon 42124. If viable for sanitation log, apply treatment. Remaining areas leave as is, due to accessibility, operability, and low occurrence.