

Spray Record – 2014 Season

| Date | Growth Stage | Mix | Batch (100g tank) | Mix includes (per tank) | Comments |
|------------------|-----------------------|--------------------------------|--------------------|---|--|
| May 1 | Budswell | Organic Fungicide | 10 ounces backpack | Cueva COPPER | Brown rot establishment on plums and cherries |
| May 15 | Tight cluster | Spring Holistic 1 | 2X | 4 g liquid fish ½ g neem oil 4 g activated em 8 oz. seaweed | 334 DD North block |
| May 16 | Tight cluster | Spring Holistic 1 | 2X | 4 g liquid fish ½ g neem oil 4 g activated em 8 oz. seaweed | 370 DD South block, garden |
| May 21 | Pink | Spring Holistic 2 | 3X | 2g liquid fish ½ g neem oil 2g activated em 8 oz. seaweed 4 oz. Dipel DF | 479 DD |
| May 27 | Bloom | Competitive Colonization Boost | 1X | ½ g Karanja oil 4 g activated em 12 oz. seaweed | 629 DD North block |
| | | Organic Fungicide | 1X | 10# micro sulfur 12 oz. seaweed | South block |
| June 1 | Petal fall | Spring Holistic 3 | 3X | 2g liquid fish ½ g nm/kar oil 2g activated em 12 oz. seaweed | 738 DD Synergistic mix |
| | Petal fall | Fruit set pests | | | No sign yet of curculio or sawfly |
| June 8 | 1 st Cover | Spring Holistic 4 | 2X | 2g liquid fish 0.4 g nm/kar oil 2g activated em 12 oz. seaweed | 940 DD Synergistic mix Lighter rate as temps in the low 80s |
| June 8 | Fruit set | Fruit set pests | 2X | 25# Surround 1.5 oz. Entrust | PC observed in plum |
| June 17 | 2 nd Cover | Comp Holistic 1 | 3X | 2g liquid fish ½ g nm/kar oil 2g activated em 8 oz. seaweed 8g silica tea 10g calcium tea | Synergistic mix |
| | Fruit sizing | Fruit set pests | | | PC pressure abated |
| 3rd week of June | | Borer trunk spray | 1X | 1g neem oil | North block |
| June 27 | 3 rd Cover | Comp Holistic 2 | 3X | 2g liquid fish ½ g nm/kar oil 2g activated em 8 oz. seaweed 6g silica tea 6g calcium tea | Synergistic mix Two rows SB got garden mix+ (ran out of teas) pH of em @ 3.2 |
| July 7 | 4 th Cover | Comp Holistic 3 | 2X | 2g liquid fish ½ g nm/kar oil 2g activated em 8 oz. seaweed 10 g silica tea 10 g calcium tea | North block Synergistic mix Thunderstorms interrupt continuing this evening. |
| July 9 | | | 1X | 2g liquid fish ½ g nm/kar oil 2g activated em 8 oz. seaweed 10 g silica tea 10 g calcium tea | South block Synergistic mix |
| Middle of July | | Borer trunk spray | | 1g neem oil | |

Lost Nation Orchard**Groveton, New Hampshire**

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|--------------------------------|-----------------------|-------------------|--|---|-------------------------------------|
| ~July 17 | 5 th Cover | Summer Holistic 1 | | ½ g neem oil 4g activated em 8 oz. seaweed g calcium tea | |
| ~Aug 1 | 6 th Cover | Summer Holistic 2 | | ½ g neem oil 2g activated em 8 oz. seaweed g calcium tea | |
| 1 st week of August | | Borer trunk spray | | 1 gal neem oil | |
| ~Aug 15 | 7 th Cover | Summer Holistic 3 | | ½ g neem oil 2g activated em 8 oz. seaweed g calcium tea | Late varieties, if deemed necessary |
| October | Biological Stew | Fall Holistic | | 4g liquid fish 1g neem oil 4 g activated em | |

Activating EM 2014

- 2 gallons (x22) started April 21, off heat April 29 with pH of 3.5
- 2 gallons (x22) started June 2, off heat June 8 with pH of 3.5
- 1 gallon (x22) for fall use

Tea Fermentation

- 48 gallons CALCIUM started June 9 (comfrey, nettle, em, gypsum, ½ g milk)
- 40 gallons SILICA started June 9 (horsetail, em, humates)
- 48 gallons CALCIUM started J28 (comfrey, nettle, garlic, em, gypsum, 2g raw milk)
- 48 gallons SILICA started J28 (horsetail, seed nettle, garlic, em, humates)