

### DRENCH PROGRAM (SOIL DISEASES)

June 2	Subdue + Medallion
June 23	Adorn + AgriFos + Companion + Heritage (Quadris)
July 14	Subdue + Medallion
July 21	Companion + Agrifos
August 4	Adorn + Agrifos + Chipco 26019/ Clearys 3336
August 25	Terrazole + Heritage
Sept. 8	Subdue + Agrifos + Chipco 26019/ Clearys 3336 (T- methyl)

\*ROTATE: 1) Clearys 3336 is hard on mycorrhizae (use after August 1) 2) Quadris (Heritage) and Clearys 3336 can build up resistance if used more than three times per season.

#### DRENCH RATES (PER 100 GALLONS OF WATER) / PER 1000 SQUARE FEET

Subdue	1 oz.	Companion	16 oz.
Medallion	1 oz.	Chipco 26019/ Clearys 3336	14 oz.
Terrazole	5 oz.	AgriFos	12 oz.
Quadris	1 tablespoon	Heritage	½ oz.
Adorn	2½ oz.		

\*CAUTION: The above rates (for foliar sprays and drenches) are for these products only. When substituting products (ie Nova for Eagle), the percent of active ingredient (a.i.) could be different so adjust the rate accordingly. ALWAYS READ THE LABEL. Do not use on food crops.

"SPRENCING": Combination of spray and drench. Starting in July (after significant rain), apply Terrazole to the vines and leaf petioles (stems) every 2-3 weeks. Use a cone hose nozzle or other means to thoroughly wet the area. This prevents rot at the base of the petiole (intersection with vine).

- Square footage equals length x width of the patch.
- These rates are based on 1 pint of drench material per square foot or 100 gallons drench material per 1000 square feet.
- Be sure to cover the entire root zone.
- Water in with 40 gallons clear water per 1000 square feet.

CONVERSIONS: Multiply ounces by 2 = tablespoons (liquid). Multiply ounces by 3 = tablespoons (dry)

**SPRAY PROGRAM (INSECTS- FOLIAR DISEASES)**

<b>@TRANSPLANT</b>	<b>Merit ( seed corn maggots) - Deadline (cutworms)</b>
<b>May 12</b>	<b>Talstar + Daconil</b>
<b>(week after transplant)</b>	
<b>May 19</b>	<b>Talstar + Daconil</b>
<b>May 26</b>	<b>Talstar + Daconil</b>
<b>June 2</b>	<b>Talstar + Daconil -t-Cease</b>
<b>June 9</b>	<b>Safari + Daconil + Companion</b>
<b>June 16</b>	<b>Safari + Agrifos + Manzate</b>
<b>June 23</b>	<b>Talstar + Phyton 27</b>
<b>June 30</b>	<b>Talstar + Daconil + Cease</b>
<b>July 7</b>	<b>Merit + Chipco 26019/ Clearys 3336</b>
<b>July 14</b>	<b>Talstar + Daconil + Phyton 27</b>
<b>July 21</b>	<b>Merit + Daconil + Quintec + Companion</b>
<b>July 28</b>	<b>Talstar + Agrifos + Manzate</b>
<b>August 4</b>	<b>Merit + Daconil + Cease</b>
<b>August 11</b>	<b>Talstar + Daconil + Quintec</b>
<b>August 18</b>	<b>Merit + Daconil + Phyton 27</b>
<b>August 25</b>	<b>Talstar + Agrifos + Quintec + Manzate</b>
<b>September 1</b>	<b>Talstar + Chipco 26019/ Clearys 3336 + Subdue</b>
<b>September 8</b>	<b>Talstar + Daconil + Quintec</b>

- Use Induce (spreader- sticker) in all sprays
- Starting in June- spray Talstar or Merit between sprays if an outbreak of cucumber beetles arrives.

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<b>FOLIAR RATES (per gallon of water)</b>			
<b>Talstar (Bisect)</b>	<b>¼ oz.</b>	<b>Safari</b>	<b>¼ teaspoon</b>
<b>Merit (Bayer Tree and Shrub)</b>	<b>2 teaspoons</b>	<b>Daconil (Ensign)</b>	<b>1 2/3 teaspoon</b>
<b>Eagle</b>	<b>½ teaspoon</b>	<b>Phyton 27</b>	<b>1 oz.</b>
<b>Quadris</b>	<b>2 teaspoons</b>	<b>Cease (Rhapsody)</b>	<b>1 ½ oz.</b>
<b>Chipco 26019/ Clearys 3336</b>	<b>¼ oz.</b>	<b>AgriFos</b>	<b>4 teaspoons</b>
<b>Manzate</b>	<b>¾ oz.</b>	<b>Companion</b>	<b>1 teaspoon</b>
<b>Quintec</b>	<b>¾ teaspoon</b>		

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**SAFETY:** 1) Read all labels before use. 2) Do not use on food crops unless labeled 3) Store chemicals in a locked are 4) Wear protective clothing 5) Keep application records 6) Apply when the wind is calm- avoid drift 7) Store chemicals in original containers.

**DISCLAIMER:** Tim Parks and the Ohio Valley Giant Pumpkin Growers are not liable for any personal injuries or crop loss due to the use and handling of these products and this program.