Overview of Tomato (T), Eggplant (E) and Pepper (P) Fungicide Roster with N Product to Harvest

(taz@cornell.edu) (fungicide limit is per season)

Protections/Mixing Partners/Alternating (Field diseases listed)

- **Botrytis Gray Mold, Powdery Mildew, White mold**
  - T 40+3Revus Top
  - † T 11Reason
  - TEP 11Cabrio
  - TEP 11Flint
  - T 11 + M5 Quadris Opti
  - Group 11 Strobilurins (QoI) and “like” Protectants/Mixing Partners/Alternating
  - TEP 44Agri-Fos
  - TEP 40A Bacillus subtilis Serenade Max or ASO or Cease, ORMI (EB, LB, PM, Gray mold, Bac Spot, Speck; Bacillus pumilus = Sonata * ORMI (Bac Spot, PM, LB, BA); "Serenade Soil", ORMI (soilborne fungi)
  - TEP 10 K bicarbonate = Armicarb *, Kaligreen * ORMI, MillStop * ORMI (PM)
  - TP 10 Oxidate * ORMI (hydrogen peroxide) (Bac speck & spot seed; TEP Regalia EC ORMI, (Multi dis.)
  - "Sulfar" = Micro Salt, ORMI, That, Microthiol Dispers ORMI, Kumulus DF ORMI, (PM or liquid, see label)

Group 11 Strobilurins (Q=15 lb a.i.) and “like”

Because of EB* resistance to Strobilurins in NYS, consider TPE M1 or TPE M3 Quadris Opti * (Q=15 lb a.i.) or TEP 11+3 Quadris Top * (Q=15 lb a.i.) or TEP 11+7 TEP Cabrio + Endura * or TEP 11 + Prot Tanos (Q=15 lb a.i.) tank-mixed with protectant "V" or consider TEP 21 M3 or TEP 21 Cavel * (15 lb a.i.) or TEP 21 M3 or TEP 21 Cavel * (limit 16 lb), but never use strobilurins alone for EB control.

TEP 11Evito * (flubroastoxin) NOT REGISTERED IN NYS; Primarily for T (EB2, Supp. of LB)

TEP 11Quadris, (azoxystrobin, limit 37 oz) (see also TEP Heritage listed under Gr Hs.) EB2; or TEP 11Quadris, (azoxystrobin, limit 37 oz) (see also TEP Quadris Opti * (limit 15 lb a.i. of chloro) EB ok (azoxystrobin + chlorothalonil) (AN, Buckeye, EB, PM (Oidiosis), Sep., LB)

TEP 11Flint (trifloxystrobin) (EB2, LB, Sept) (16 oz a.i.)

TEP 11Cabrio (pyraclostrobin) (AN, Alt Bk. Mold, EB2, LB, Sept, Botrytis mold suppression, limit 96 oz)

TEP 11 Tanos * (famoxadone + cymoxanil) (limit 72 oz) needs to be tank-mix with protectant (AN, Buckeye, EB, PM (Oidiosis), Sep., LB)

† T PE* Reason (fenamidone) (EB2, LB, Sept L S suppression) († Not for use on Long Island) (limit 24 fl oz)

Multiple Disease Control

TEP 40Quadris Opti * (azoxystrobin + difenoconazole) (TE=EB, Bk Mold, PM, Sept L S, Anth, Leaf mold); (E = Anth, Cer LS, Gray LS, PM) (47 fl oz limit; T 40 Inspire Super * (same as above for diseases) (47 fl oz or limit)

TEP 22Revus Top (difenoconazole + mandipropamid) (Anth, Alt Bk. mold, EB, LB, Leaf mold (Fulvia), PM (Leveillula); Sept L S (28 fl oz limit)

Others (Botrytis Gray Mold, powdery mildew, White mold)

T 11Decree (fenhexamid) (Botrytis Gray Mold, GH and trspls only)

TEP 11Endura * (boscalid) (EB, Septoria, Botrytis Gray mold) (21 oz limit)

T 11Scout TIF 22M tanamorphin + chlorothalonil (EB, Botrytis Gray mold) (35 fl oz)

† T PE* Switch 62 WSG* (cyprodinil + fluazinam) (EB, Gray mold, PM) († Not for LI)

TEP 40Ralls * (mcylobutanil) (PM, Leveillula

TEP 11Contain * OMRI (C. minitans) (W Mold)

T 40A Actigard * Bac spot and speck

† T PE* Varden * (oxazoyl) (nematodes) († Not on Long Island)

Late Blight and other Phytophthora (tank mix [TM] or altern. with protectant or another labeled fungicide)

- † TPE Presidio * or longer (fluopicolide) (LB, Phytophthora blight); Tmx with protectant (limit of 12 fl oz)
- T P 22Revs Top or longer to control gray mold (mandipropamid) (limit 32 fl oz) † For DM and supp. Phytophthora blight; T for LB (Tank-Mix with protectant for EB, SLS); See Revus Top for multiple disease control. (limit 28 fl oz)
- † T 22 Curzan * 3 days or longer by mixing partner (cymoxanil) (LB, EB with TMix protectant) (limit of 30 oz)
- T 11 Tanos * or longer (famoxadone + cymoxanil) needs to be tank-mix with protectant (LB, other diseases) (72 oz)
- T M5 Ridomil Gold Bravo SC 0, (methoxam + chlorothalonil) (EB, US22 US23, EB) also T M5 RidGold/Copper * and T M5 RidGold/Mancozeb * (LB)
- *TP 3 Previcur Flex * (propamocarb) (LB, EB with TMix protectant) (limit 7.5 pts.)
- T 21+ M5 Gavel * (cymoxanil + mancozeb) (LB, also very good on EB) (limit 16 lb)
- T 11+ M3 5 or longer if tank-mixed (cymoxanil) (LB, EB with added TMix protectant)
- † T PE * Reason * (Phytophthora foliar and fruit suppression)
- TEP 40Forum 4-7 days or longer by mixing partner; 5-8 days or longer depending on mixing partner (dimethomorph) (LB, EB with TMix added protectant) (30 oz limit)
- T M5 3 or longer (Catalamara * (Fol, EB, LB; Fru, Anth, Alt., LB, Rhiz.) (limit of 50 pts)
- TEP 3 Agri-Fos *; Fosphite; Fungicide, ProPhyt, Kphite 7LP, Phostrol, Rampart (phosphorus acid) (LB, some sup. bacteria)

Osmovert (Pthirion, Physiphor, Bac spot)

- TEP 1 Ridomil Gold * (PM) Ultra Fluridix Twist
- TPE 4 Kphite * Phostrol, Rampart

TPE Alertity *

Goodhouse Vign * (Chem label for specific)

- TEP Basic Copper 32 * (Gray leaf mold), Champaign, Kenton Dar, Kenton (all formulations), Captopool 10 Aspergillus Fungi, non-OMRI, (PM, insecticidal)
- TEP 1 Phenergin, Bradish, rhizaloid granules, and T-22 HC ORMI (Trichoderma harzianum)
- TEP 2Tria Selecta ORMI (EB, PM, insecticidal)
- TEP Contain ORMI (PM), (W Mold)
- TEP McPeer ORMI (3% oats of fatty acids) (PM)
- TEP Botanico ORMI (Z. mobilis of molds) TEP Rajora (PM)
- TEP Bancor (fungamycin) (Gray mold)
- TEP PreciFixes (propamocarb) (Pthirion, Physiphor)
- TEP Neem, Cypermethrin, ISP Dinazol (oxidizing agent)
- TEP Heritage (neemamycin) (Anth, Bk mold, Bkceyke rot, E Blight, PM, Sept LS, LB)
- (limit LER)
- TEP Aminzak *, Kalgenez * ORMI, MillStop (PM)

T 40 Agri-Max * (PM)

Current OMRI Listed Products & Registered in NYS (all M = multi-site activity)

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- TEP 1 Phenergin, Bradish, rhizaloid granules, and T-22 HC ORMI (Trichoderma harzianum)
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- TEP Contain ORMI (PM), (W Mold)
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