POWDERY MILDEW - SPRAY SCHEDULE AND AMOUNTS

Note: These are all commercial products, and will need a pesticide license, or Operator ID#. This is provided for informational purposes only and should be considered as general guidelines. Your crop may have unique circumstances; you should speak with a professional before following this or any spray schedule.

DORMANT SPRAY - (AFTER PRUNING)

- 4 OZ LIME-SULFUR PLUS 1 OZ OIL per 1 GALLON WATER

BUDBREAK - (2 INCHES SHOOT GROWTH)

- SULFUR (WETTABLE) 1.5 OZ per 1 GALLON WATER

** IF AMBIENT TEMPERATURE IS BELOW 60F OR ABOVE 95F DO NOT USE SULFUR
** NEVER SPRAY SOLUTION OF OIL AND SULFUR AFTER BUDBREAK
** ALLOW MINIMUM TWO WEEKS ELAPSE BETWEEN THE APPLICATION OF A SULFUR SPRAY AND AN OIL SPRAY (PHYTOTOXICITY)

- COPPER HYDROXIDE (KOCIDE 2000) 1 OZ per 3 GALLONS WATER
- CHAMP FORMULA 2 1 1/3 – 2 2/3 pts/Acre .20 - .40 oz/ gal water

** MIX WITH HYDRATED LIME EQUAL AMOUNT IF ANY SIGNS OF FOLIAGE SENSITIVITY TO SPRAY NOTICED

INFECTION SIGNS

JMS STYLET OIL - DOSAGE DEPENDS ON AMOUNT OF INFECTION

** OIL IS THE ONLY ERADICANT OF FUNGUS
** OTHER OILS = NEEM, SAF-T-SIDE (PETROLEUM BASED)

** WEAK INFECTION = 1% SOLUTION (1.28 OZ per 1 GALLON WATER)
** MODERATE = 1.5 % SOLUTION ( 2 OZ per 1 GALLON)
** HEAVY = 2 % SOLUTION ( 2.5 OZ per 1 GALLON)

RATE OF INFECTION

- IF VINEYARD SITE PRONE TO CONTINUAL INFECTIONS , PREPARE A
  o FIXED SCHEDULE OF APPLICATIONS EVERY TWO WEEKS
  o ALTERNATE THE FUNGICIDE SUBSTANCE TO AVOID RESISTANCE

BOTRYTIS CINEREA FUNGUS AND/OR CONTROL ISSUE

IF VINEYARD SITE HAS BOTRYTIS CINEREA FUNGUS WHICH BEGINS INFECTION AT BLOOM BUT THEN REMAINS INACTIVE UNTIL BERRY SUGAR LEVEL REACHES 12/13 BRIX WHEN IT FEEDS ON SUGAR, DAMAGES THE PEEL AND CAUSE ROT AND/OR ALL THE ABOVE APPLICATIONS FAILED TO CONTROL THE INFECTION - USE THE FOLLOWING FUNGICIDE

PRISTINE - REQUIRES OPERATORS PERMIT (COUNTY ISSUED) TO PURCHASE AND APPLY

DOSAGE = 12.5 OZ per ACRE MAXIMUM 4 APPLICATIONS PER SEASON

** EXAMPLE: VINEYARD 5500 SQ FT = .12 ACRE = 1.5 OZ

MOTHER NATURE

REMEMBER THAT HEAT KILLS THE FUNGUS SPORES – TEMPS OVER 95F FOR 8- 12 HOURS DURATION IS THE BEST FUNGICIDE