

## 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
  - FIXED SCHEDULE OF APPLICATIONS EVERY TWO WEEKS
  - 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 BRX 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