

## Sample Spray Program for Broadleaf Tobacco Grown in Maryland

The below schedule is one example of a spray program that would be anticipated given the typical pest pressure seen in this area. The presence of insects and diseases will vary throughout the season, and your control strategies, which will include the use of crop protectants, will need to change in response to those pest pressures. Since the threshold for damage to broadleaf leaves is zero, constant attention to pest presence needs to be maintained throughout the season. All rates are on a per acre basis unless otherwise noted.

### **Weed management:**

Preplant:

Prowl 1.5 – 2 pints

Post transplant:

Command 3ME 2 pints per up to 7 days after transplanting

### **Insect and Disease Control**

Transplant water\*:

Coragen (7 ozs) for Budworm, Hornworm

Admire (1.4 ounces/1000 plants) for Aphids, Flea beetles

Orondis Gold 200 (4.8 ozs) plus Ridomil (8 ozs) for Blackshank

4 weeks after transplanting:

\*\*Quadris (8 ozs ) for Target spot, Frogeye Leaf spot

5 weeks:

Mancozeb (2.0 lbs) Target spot, Frogeye Leaf spot

Dipel DF (1 lb.) or Blackhawk (3.2 ozs) if needed for worm control

Fulfill (2.75 ozs) if needed for Aphids

5 week layby cultivation:

Presidio (8 ozs) or Ridomil Gold SIL (1 pt) in banded application to soil beneath leaves for Blackshank

6 weeks:

Quadris (8 ozs) for Target spot, Frogeye Leaf spot

7 weeks:

Assail (3 ozs) for Aphids, Flea beetles

\*Calibrate transplant water to ensure a consistent application rate for each plant. Ideal rate is 200 gallons of water per acre.

\*\*Quadris must be applied by itself in clean water. Do not apply in hot temperatures.