

Broccoli/Cabbage Fungicide Spray Programs 2014

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As with most crops, disease management begins prior to planting the crop to be protected. By using such methods as disease-free seed and transplants, proper rotation, discing and plowing, and use of resistant varieties, growers can minimize the amount of disease that is available to attack their crop. Using many practices takes all the weight off of any one practice and gives growers more disease management options at lower risk. Once plants are in the field, however, fungicide sprays are relied on heavily for effective and economical management of plant diseases. This spray guide is designed to encompass many diseases that attack these brassicas during the growing season(s) in Georgia.

Spray Schedule = 7 day

Fall or Winter/Spring	
Spray No.	Fungicide(s)/disease activity
Pre-plant	Besides deep-turning, use Terraclor/RHIZ + CR or Quadris/RHIZ
1.	Chlorothalonil ¹ /DOW copper fungicide ² + mancozeb/BR
2.	Ridomil Gold Bravo ³ or Forum or Zampro or Revus ⁴ or Reason ⁵ or Presidio + chlorothalonil/DOW copper fungicide ² + mancozeb/BR Quadris or Cabrio/ALT + CERC
3.	Ridomil Gold Bravo or Forum or Zampro or Revus or Reason or Presidio + chlorothalonil/DOW copper fungicide ² + mancozeb/BR Switch/ALT + CERC + SCR
4.	Ridomil Gold Bravo or Forum or Zampro or Revus or Reason or Presidio + chlorothalonil/DOW copper fungicide ² + mancozeb/BR Quadris or Cabrio/ALT + CERC <u>or</u> Endura or Fontelis/ALT + SCR
5.	Ridomil Gold Bravo or Forum or Zampro or Revus or Reason or Presidio + chlorothalonil/DOW copper fungicide ² + mancozeb/BR Switch/ALT + CERC + SCR <u>or</u> Quadris or Cabrio/ALT + CERC
6.	Ridomil Gold Bravo or Forum or Zampro or Revus or Reason or Presidio + chlorothalonil/DOW copper fungicide ² + mancozeb/BR Endura or Fontelis/ALT + SCR

¹ Chlorothalonil (Bravo, Echo, Equus, etc...).

² Copper is used to suppress spread of black rot caused by the bacterium *Xanthomonas campestris* pv. *campestris*.

³ Ridomil Gold Bravo and/or Presidio need to be rotated with Zampro, Forum, Revus, and/or Reason.

⁴ Forum and Revus have the same mode of action, so don't spray them back-to-back. Use one or the other.

⁵ If Reason is used you don't need to use Quadris or Cabrio as all three control Alternaria and Cercospora. Don't spray Reason, Cabrio or Quadris back-to-back as they have the same mode of action.

Always read the label for detailed application instructions or consult the Georgia Pest Control Handbook.

Disease Acronyms: DOW = downy mildew; ALT = Alternaria leaf spot; CERC = Cercospora leaf spot; BR = black rot; SCR = Sclerotinia (raisin head); CR = club root.