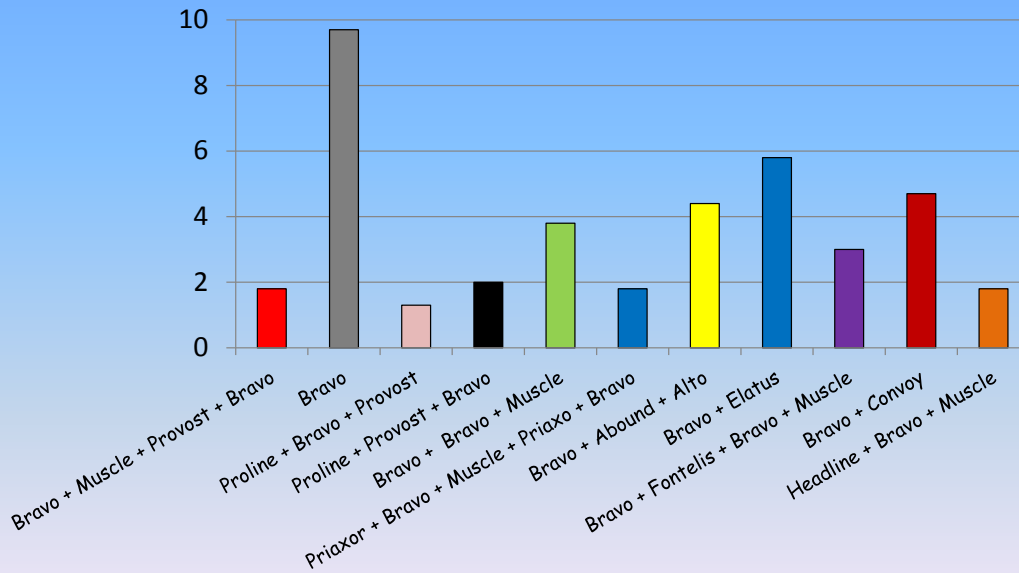


CBR fungicide trial

Cylindrocladium black rot (CBR) can cause serious losses of peanuts when severe. This disease is caused by a soil fungus (*Cylindrocladium parasiticum*) and typically occurs in the same field areas year after year. Crop rotation and variety resistance are two of the best ways to manage this disease (see the Peanut Production Guide for additional details). In greater disease pressure situations, particularly with susceptible varieties, fungicide applications can be very helpful. The below data comparing the effectiveness and cost-returns of different treatments for CBR were shared from work conducted by Mark Crosby, Wade Parker, Bob Kemerait, and Amanda Smith in a nearby site in Midville, Georgia in 2014. While disease pressure was overall relatively light, the choice of which product to use still became important. In this trial, the Priaxor-Bravo-Muscle-Priaxor treatment came out on top providing the most overall benefit. It will be good to compare these results to future trials that have greater amounts of disease pressure.

	30 Dap (days after Planting)	45 Dap	60 Dap	75 Dap	90 Dap	105 Dap	120 Dap
Treatment 1 – Bravo + Muscle; Provost	Bravo 1.5 pints	Bravo 1 pint + Muscle 7.2 oz	Provost 10.7 oz	Provost 10.7 oz	Provost 10.7 oz	Provost 10.7 oz	Bravo 1.5 pints
Treatment 2 – Bravo Only	Bravo 1.5 pints	Bravo 1.5 pints	Bravo 1.5 pints	Bravo 1.5 pints	Bravo 1.5 pints	Bravo 1.5 pints	Bravo 1.5 pints
Treatment 3 – Proline 5.7oz In-furrow + Provost	Bravo 1.5 pints		Provost 10.7 oz	Provost 10.7 oz	Provost 10.7 oz	Provost 10.7 oz	Bravo 1.5 pints
Treatment 4 – Proline EE – Provost 10.7 oz	Proline 5.7 oz		Provost 10.7 oz	Provost 10.7 oz	Provost 10.7 oz	Provost 10.7 oz	Bravo 1.5 pints
Treatment 5 – Bravo + Muscle (tebuconazole)	Bravo 1.5 pints	Bravo 1.5 pints	Bravo 1 pint + Muscle 7.2 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1.5 pints
Treatment 6- Priaxor		Priaxor 6 oz	Bravo 1 pint + Muscle 7.2 oz	Priaxor 8 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1.5 pints
Treatment 7 – Abound + Alto	Bravo 1.5 pints	Bravo 1.5 pints	Abound 18.5 oz + Alto 5.5 oz	Bravo 1.5 pints	Abound 18.5 oz + Alto 5.5 oz	Bravo 1.5 pints	Bravo 1.5 pints
Treatment 8 – Solatenol (Elatus)	Bravo 1.5 pints	Bravo 1.5 pints	Solatenol 9 oz	Bravo 1.5 pints	Solatenol 9 oz	Bravo 1.5 pints	Bravo 1.5 pints
Treatment 9 – Fontellis	Bravo 1.5 pints	Bravo 1.5 pints	Fontelis 16 oz	Fontelis 16 oz	Fontelis 16 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1.5 pints
Treatment 10 – Convoy + Bravo	Bravo 1.5 pints	Bravo 1.5 pints	Bravo 1.5 pints + Convoy 13 oz	Bravo 1.5 pints + Convoy 13 oz	Bravo 1.5 pints + Convoy 13 oz	Bravo 1.5 pints + Convoy 13 oz	Bravo 1.5 pints
Treatment 11 – Headline – Bravo + Muscle		Headline 9oz	Bravo 1 pint + Muscle 7.2 oz	Headline 12 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1 pint + Muscle 7.2 oz	Bravo 1.5 pints

**Figure 1. 2014 Peanut Fungicide Trial (Midville)
CBR (hits/90ft) 09 October 2014**



**Figure 2. 2014 Peanut Fungicide Trial (Midville)
Yield (lb/ac) 16 October 2014**

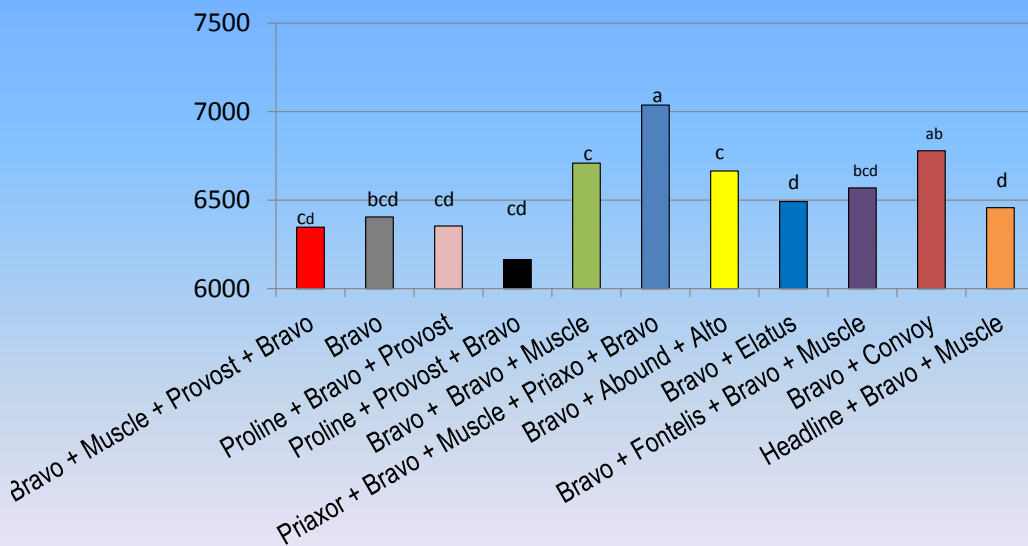


Figure 3. Adjusted Revenue by Fungicide Treatment Program as Compared to Bravo Only

