

# Mulch Manufacturing, Inc.

Reynoldsburg, Ohio

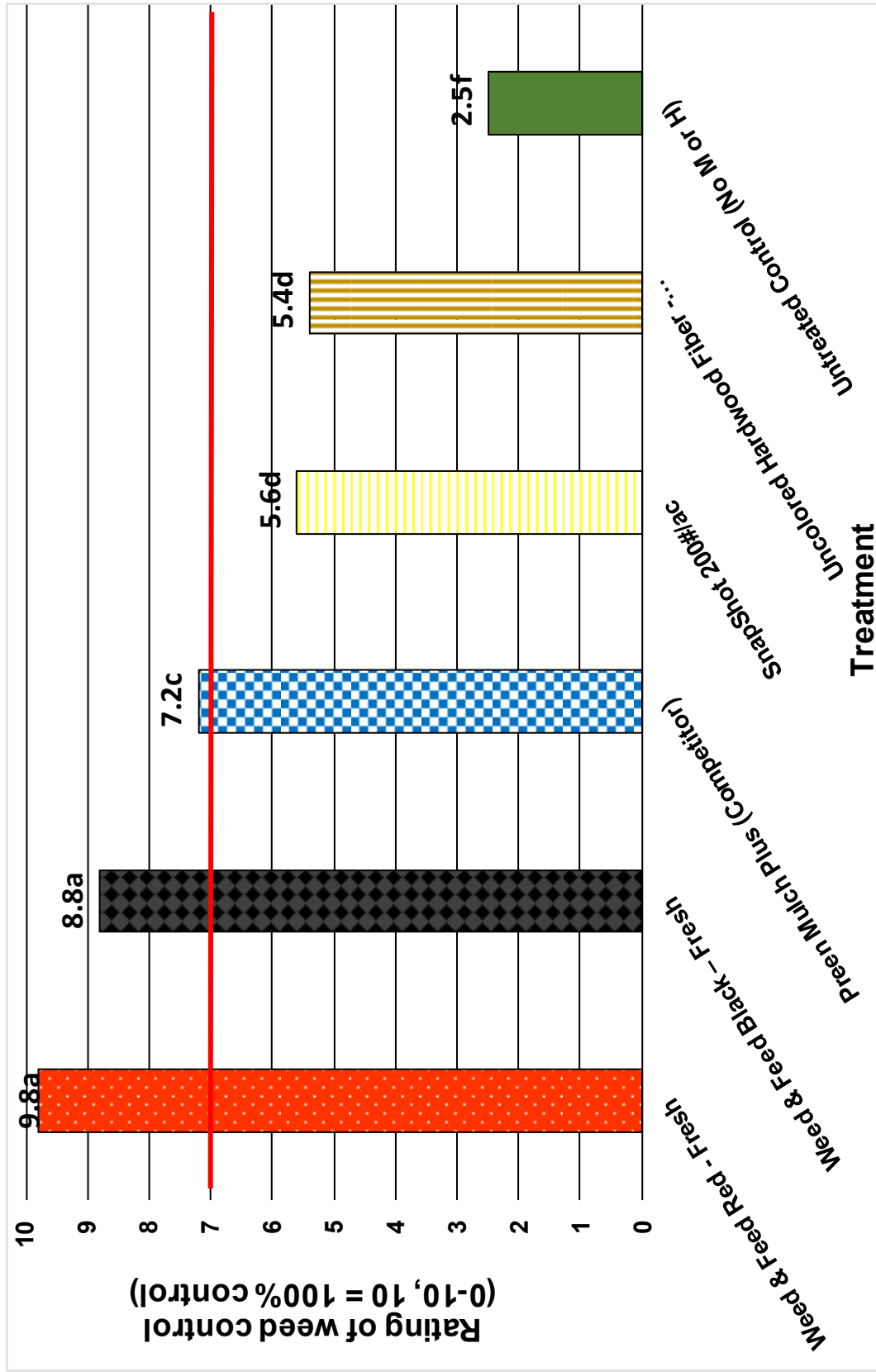


## **Superior Weed Control: Performance & Duration**

**Weed & Feed is #1 of 25 products tested  
Trialed: May to October, 2017**



**The Answer to All your Annual, Biennial and Perennial  
Weed Issues**



**Fig. 1.** Best treatments for weed control compared to competitor (Preen Mulch Plus), untreated mulch (i.e. hard-wood fiber with no herbicide), a herbicide (Snapshot) applied at normal rate to bare soil, and bare soil (no mulch, no herbicide) i.e. an untreated control. Each bar represents the mean of seven evaluation dates up to 5 months. Note: The taller the bar the better the weed control with 9.8 and 8.8 not being different than perfect after 5 months. The red line at 7 or 70% represents commercially acceptable weed control.



**Weed & Feed Black at  
102 DAT**



**Mulch only at 102 DAT**

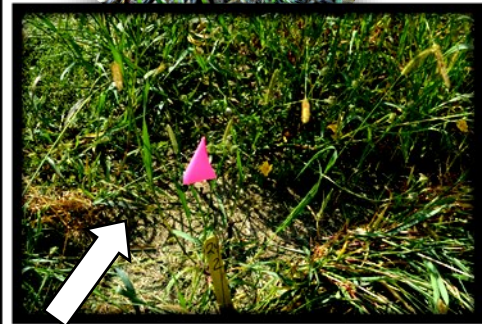


**No mulch & No  
herbicide  
(Control) 102 DAT**

**Weed & Feed  
Red at 102  
DAT**



**Preen Mulch  
Plus at 102 DAT**



**Herbicide only at 102 DAT**

## **The only answer to season-long weed control:**

What provides weed control for 5 months? The answer is Weed<sup>2</sup> & Feed Mulches, Red and Black! These are the only two products on the market that can offer 5 months of weed control. Despite claims by competitor mulches that their mulches will provide 5 and 6 months of weed control, only the Weed<sup>2</sup> & Feed actual delivers!! Any landscape product that will provide more than 70% weed control past 84 days or 3 months, is considered exceptional. Mulch Manufacturing, Inc., (MMI), Reynoldsburg, OH, goes well beyond 3 months with their Weed<sup>2</sup> & Feed mulches and continues with perfect control out to 5 months. The MMI, Weed<sup>2</sup> & Feed Mulches, Red and Black, contain Gallery<sup>®</sup> SC (isoxaben, Dow AgroSciences, Indianapolis, IN) and Dimension<sup>®</sup> 2EW (dithiopyr, Dow AgroSciences, Indianapolis, IN). In previous studies, despite the six month manufacturer's guarantee, Preen<sup>®</sup> Mulch Plus (hardwood) was found to be non-effective by 90 days after treatment (DAT) or 3 months (MAT) (Mathers and Case, 2008). In an extensive 2017 study, containing 25 treatments, and four replications per treatment, Preen<sup>®</sup> Mulch Plus lost commercial efficacy or 70% weed control (rating 7) by 3 months, similar to the Mathers and Case study (2008). At the same time evaluations for damage on three common bedding plants planted in the mulched beds, and conducted between May and October, 2017 (five months), indicated the Preen<sup>®</sup> Mulch Plus caused greater injury to Verbena than the Weed and Feed, Red or Black. Any mulches applied without herbicide in the 2017 study lost commercially acceptable weed control (or 70%) by 2 months. The herbicides applied to bare-ground Snapshot (200 and 400lb/ac) and FreeHand (150 lb/ac) lost weed control by 9 weeks. Only the Weed and Feed, Red and Black remained strong providing well above commercial acceptability control and out-performing all other treatments in this extensive study. At 132 DAT Weed and Feed Red provided a 9.3 rating or 93% weed control versus only 60% for Preen Mulch Plus at 132 DAT. At 132 DAT the Weed and Feed Black provided 84% control not statistically different than the Red. The control plot (no herbicide and no mulch) at 132 DAT provided 0% weed control. Weed<sup>2</sup> & Feed Mulches out compete the weeds and the other competitor weed control products!!! Weed<sup>2</sup> & Feed Mulches are the only answer to your season-long weed control issues!!!