SOYBEAN – SEED TREATMENTS

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Disease	Fungicide	Active Ingredient	FRAC Code*	Rate/cwt Seed	Comments
Seed Rots Damping-Off Complex (Seedling Diseases) (Pythium, Rhizoctonia, etc.)	Maxim 4FS + Allegiance FL or Apron XL LS Trilex 2000 Cruiser Maxx	fludioxonil metalaxyl mefenoxam trifloxystrobin + metalaxyl mefenoxam + fludioxonil + thiamethoxam	12 4 4 11 + 4 4 + 12 + ---	0.08 - 0.16 fl oz 0.375 - 0.75 fl oz 0.32 - 0.64 fl oz 1.6 fl oz 3 oz	For use by commercial seed treaters only. Dealer only.
Molybdenum should be included when planting after May 15 in Arkansas.	Maxim 4FS or Allegiance LS or Apron XL	fludioxonil metalaxyl mefenoxam	12 4 4	0.08 - 0.16 fl oz 1.2 - 2.4 fl oz 0.16 - 0.64 fl oz	For on-farm or commercial use with slurry or mist treaters.
	Vitavax M + Allegiance LS	carboxin + thiram + molybdenum + metalaxyl	7 + M3 + --- + 4	9 - 12 fl oz 1.2 - 2.4 fl oz	For on-farm or commercial use with slurry or mist treaters or as a planter-box treatment.
	ApronMaxx RTA or	mefenoxam + fludioxonil	4 + 12	5 fl oz	For on-farm slurry or mist treater application or treat-on-the-go air seeders.
	Warden RTA or Maxim XL	mefenoxam + fludioxonil mefenoxam + fludioxonil	4 + 12 4 + 12	5 fl oz 0.167 - 0.334 fl oz	For on-farm slurry or mist treater application. For on-farm slurry or mist treater application. If high levels of Pythium or Phytophthora are expected, the addition of Apron XL is recommended.
	ApronMaxx RTA MOLY	mefenoxam + fludioxonil + molybdenum	4 + 12 + ---	5 fl oz	Not a planter-box formulation.
	Stamina	pyraclostrobin	11	0.4 fl oz	For use by commercial seed treaters only.

***FRAC Code** – Fungicides with the same FRAC Code have the same mode of action. See *http://www.frac.info/frac/index.htm* for an explanation of the FRAC Codes. Rotation of fungicides with different FRAC Codes could minimize the development of fungicide-resistant strains.

NOTE: Metalaxyl and mefenoxam have activity against Pythium and Phytophthora fungi while all others listed are more active against Rhizoctonia, Fusarium and various “higher” fungi. A combination of the two chemistries provides broadest spectrum control. If an inoculant is to be used, it should be applied after fungicide seed treatments have dried and/or right before planting. Seed treatments often have not resulted in improved stands or yields in University trials unless less-than-optimum planting conditions are prevalent (early planting, heavy clay soils, cool, wet conditions, etc.).