



Last week we showed a photograph of roughly the same area of the field shown here except it had two fairly obvious yellow streaks running the same direction of the drill rows. These were attributed to the combination of Newpath, Regiment and a hybrid variety. The streaks were where the sprayer had overlapped. As you can see recovery is nearly complete. We added Regiment to the mix because several years ago when we used the same combination to control other weeds we noticed fair suppression of southern watergrass (*Luziola fluitans*). The paddy that had the streaks in it last week has a heavy population of this grass. When checking the field Wednesday we could only find it under the water and as you can see from Bruce Schultz' s photo it is hit hard. How the long the effects will last and the extent of control we will track each week.



The next two pages are devoted to a single grass species. I have not used that much space for a single species of anything before, but the importance of recognizing this pest is important. I was told by the farmer that he had a heavy infestation of “Habetz” grass, Creeping Rivergrass. When I got to the field in the northern half of Vermilion parish I found Peruvian Watergrass. Just a few years ago this grass was “discovered” along the intracoastal waterway and was thought to be restricted to that area. Peruvian Watergrass is a close relative of Southern Watergrass, but is much more aggressive. I wanted you to see its characteristics so you could report it if you encounter it. Note the separate male and female inflorescences on a single plant. Both are panicles, but the individual spikelets look entirely different. Another well known grass has this type of arrangement—corn. The male is the tassel and the female is the ear.





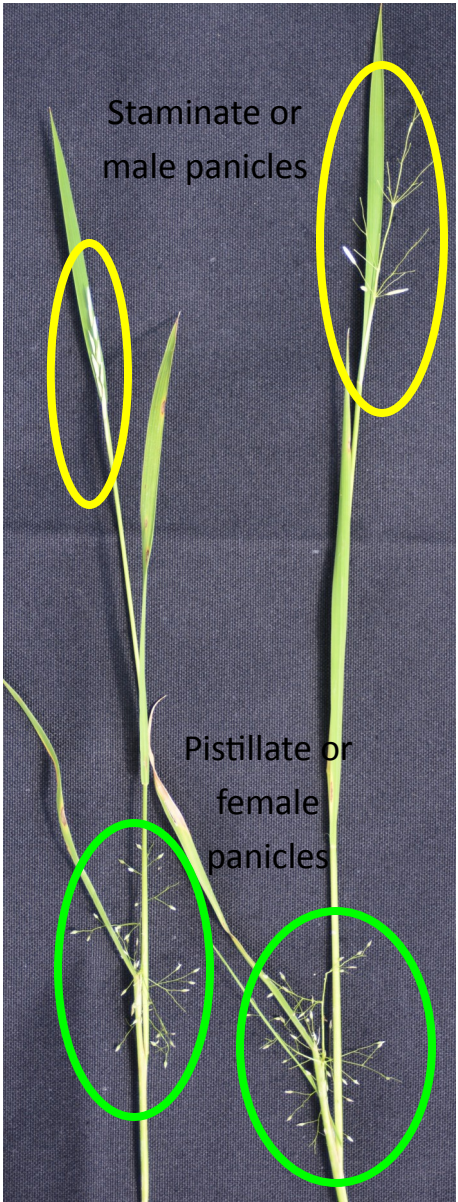
This population of Peruvian Watergrass (*Luziola peruviana*) was found in the northern half of Vermilion parish.



Ligule of Peruvian Watergrass



Glabrous node of Peruvian Watergrass



Male and female panicles





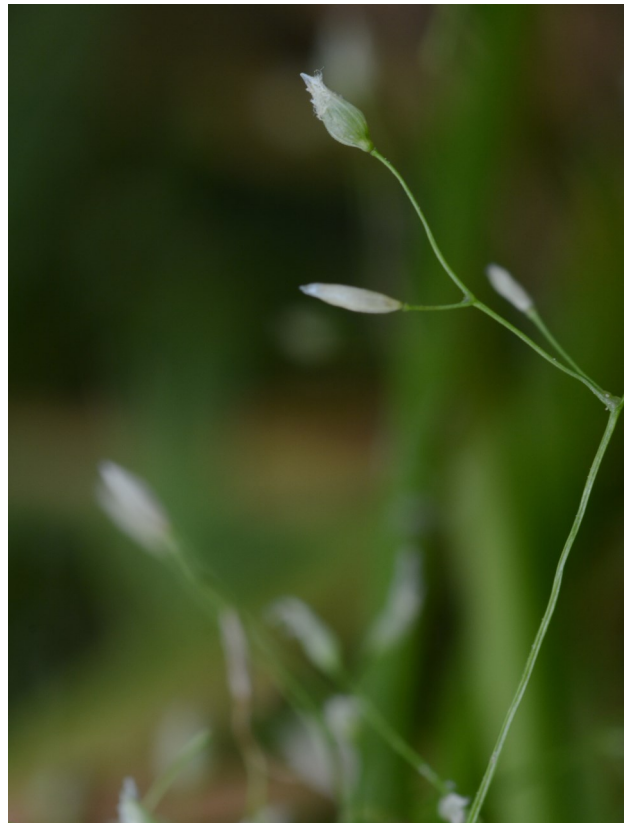
Male panicle of Peruvian Watergrass



Male spikelets of Peruvian Watergrass



Female panicles of Peruvian Watergrass



Female spikelets of Peruvian Watergrass





When we got to our verification field in Evangeline parish we noticed an area of ragged looking plants along one edge of the field. I knew I had seen this type of damage before so started looking for the critter at right—the Green Stinkbug. I have only seen economic injury from this pest in rice one time. They have the potential to do pretty significant damage if they infest the field in high numbers. Luckily for rice farmers rice is not a preferred host. The worst damage occurs when they hit the growing point.



You have seen this before. Phosphorus deficiency in a rice field in Evangeline parish.