

NEWSLETTER - VOLUME 8, ISSUE 3

March 22, 2012

Herbicide Control of Henbit Field Meeting - Monday, 26 March at 9:00 am

On March 1st, we sprayed a demonstration of herbicides for henbit control in Calhoun County. When we held a field meeting 10 days after treatment it was apparent that some herbicides were more effective or at least worked faster than others. Well, time and rainfall has changed the control levels of the herbicides and they need a second look.

I will be at the herbicide demonstration on **Monday, 26 March at 9:00 am** to review the treatments and discuss their effectiveness. You can see the effects of the herbicides on the next page or come and see them in the field. Plots are marked in the field with their treatment.

The demonstration is located on FM 1679 on the north side of the road, ½ mile south west of the cemetery.

General Conditions

Recent rainfall has improved the soil moisture situation substantially. From Port Lavaca to Refugio to Victoria rainfall totals for 2012 vary from 4-10 inches. Most of the rain has been slow soaking rain with the exception of this week's rain.

Corn, grain sorghum and cotton requires between 15 and 25 inches of water to produce high yielding crops. This water does not include runoff and evaporative losses but only the rain or irrigation water that soaks into the soil.

The roots of corn, sorghum and cotton can reach 3-5 feet down into the ground. Thus, it is desirable to have at least the top two feet of soil wet with water at planting. The top three feet of soil can contain between 3 and 6 inches of water depending on soil texture. Our clay soils will hold closer to 6 inches of moisture in the top three feet but sandier soils will hold substantially less.

Corn and Sorghum

Most of the corn and some sorghum has been planted and emerged. I have found stand losses in a few fields due to black birds feeding on the emerging seedlings. The losses due to birds are hard to reduce by harassing them. A product is available called Avipel which is supposed to repel the birds from eating the seed. This is available as a seed treatment or a hopper box treatment.

Early season insect pests may include chinch bugs, sugarcane aphids and corn leaf aphids. If the seed was protected by Poncho or Cruiser, these insects should not be a problem.

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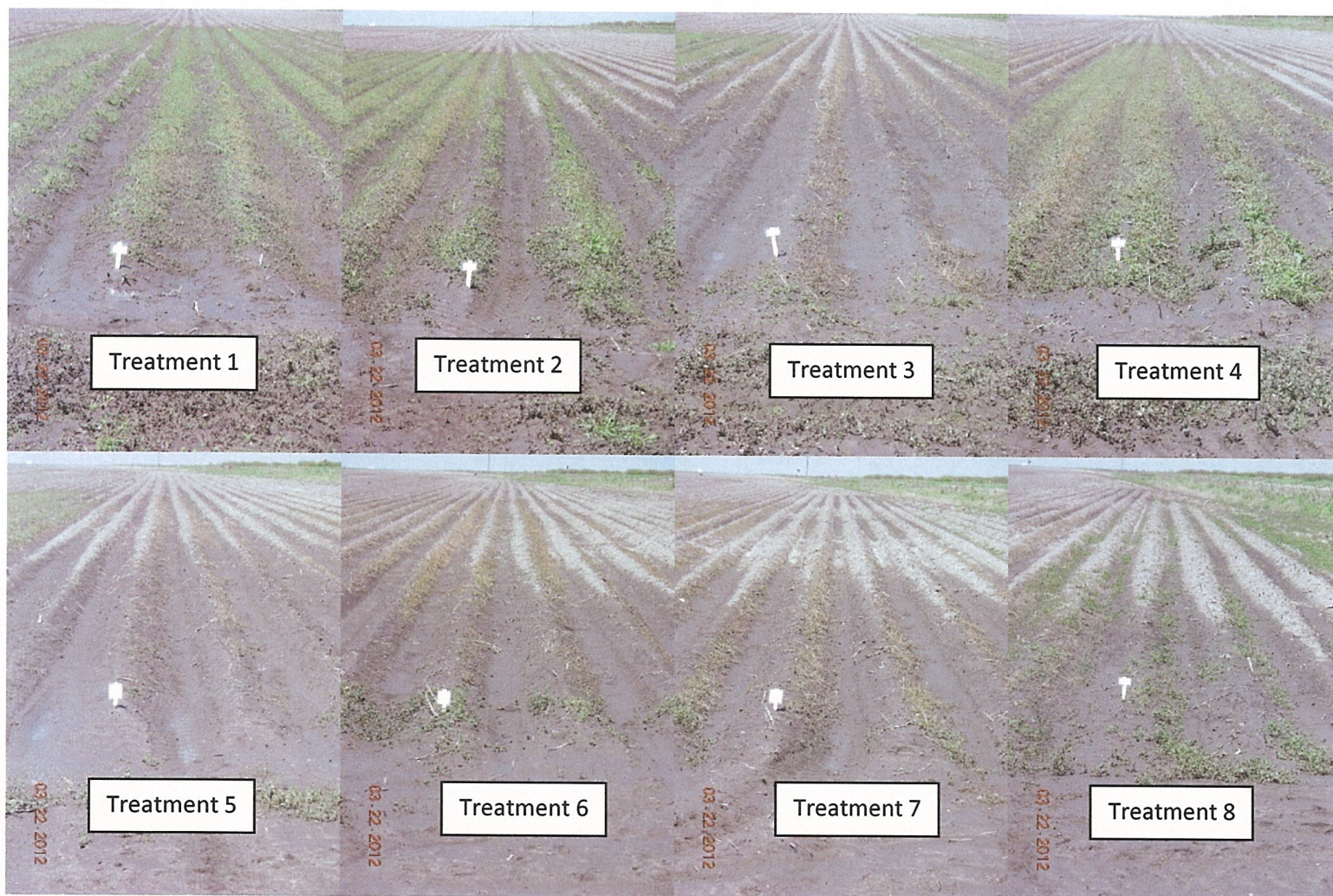
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Demonstration of Herbicide Control of Henbit



Pictures taken 22 days after herbicide application.

Treatments were applied on 1 March

Spray Volume: 13.2 gal/ac

Trt No.	Treatment Type	Treatment Name	Rate	Rate Unit
1	HERB	Weedar 64	24 oz/a	
	ADJ	Agri-Dex	1 % v/v	
2	HERB	Weedar 64	32 oz/a	
	ADJ	Agri-Dex	1 % v/v	
3	HERB	Diuron	16 oz/a	
	ADJ	Agri-Dex	1 % v/v	
4	HERB	Cornerstone Plus	4 oz/a	
	ADJ	Agri-Dex	1 % v/v	
5	HERB	Weedar 64	16 oz/a	
	HERB	Cornerstone Plus	24 oz/a	
	HERB	Diuron	16 oz/a	
	ADJ	Agri-Dex	1 % v/v	
6	HERB	Cornerstone Plus	48 oz/a	
	HERB	Firstshot	0.6 oz/a	
	HERB	Weedar 64	16 oz/a	
	ADJ	Agri-Dex	1 % v/v	
7	HERB	Cornerstone Plus	48 oz/a	
	HERB	Firstshot	0.6 oz/a	
	HERB	Aim	0.5 oz/a	
	ADJ	Agri-Dex	1 % v/v	
8	HERB	Gramoxone Inteon	3 oz/a	
	ADJ	Agri-Dex	1 % v/v	