Plot Layouts for SARE Cover Crop Diversity in No-Till Systems Project - 2013

Cover Crop Mixes in Corn Silage

Mix 1 = Oat/Pea/Radish

Mix 2 = Triticale/Winter Pea/Winter Rape

Low Rate = 50 lbs/acre

High Rate = 116 lbs/acre

Broadcast into standing corn: 8-15-13

Drilled after corn harvest: 9-26-13

R1	Mix 1 @ 116 lbs	15	15	Mix 1 @ 116 lbs
	Mix 2 @ 116 lbs	14	14	Mix 2 @ 116 lbs
	Mix 2 @ 50 lbs	13	13	Mix 2 @ 50 lbs
	Control (Winter Rye @ 100 lbs)	12	12	Control (Winter Rye @ 100 lbs)
	Mix 1 @ 50 lbs	11	11	Mix 1 @ 50 lbs
R2	Mix 2 @ 116 lbs	10	10	Mix 2 @ 116 lbs
	Mix 2@ 50 lbs	9	9	Mix 2@ 50 lbs
	Control (Winter Rye @ 100 lbs)	8	8	Control (Winter Rye @ 100 lbs)
	Mix 1 @ 50 lbs	7	7	Mix 1 @ 50 lbs
	Mix 1 @ 116 lbs	6	6	Mix 1 @ 116 lbs
R3	Mix 2 @ 116 lbs	5	5	Mix 2 @ 116 lbs
	Mix 1 @ 116 lbs	4	4	Mix 1 @ 116 lbs
	Mix 2 @ 50 lbs	3	3	Mix 2 @ 50 lbs
	Mix 1 @50 lbs	2	2	Mix 1 @50 lbs
	Control (Winter Rye @ 100 lbs)	1	1	Control (Winter Rye @ 100 lbs)
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First Planting Date: August 15th (simulate aerial application)

Second Planting Date: After Corn Harvest (end of September with No-Till Drill)