

**Table 2: 2013 and 2014 yields, and 2014 percent resistance to Alfalfa Snout Beetle of alfalfa populations planted at Lowville NY in 2013. Trial was severely damaged by Alfalfa Snout Beetle (ASB).**

Alfalfa Population	Alfalfa Pedigree	Yield 9/5/13 T/A	2014 Yield (tons / acre)			Rank	2014 %ASB Resistance
			17-Jun	18-Aug	Total Season		
Seedway 9558	Seedway 9558 Base	2.05	2.44	2.59	5.03	14	9
NY0703	Seedway 9558-Asb4	2.09	2.95	2.90	5.86	3	14
Seedway 9558 SBR	Seedway 9558 Asb7	2.11	2.88	2.98	5.86	2	4
NY1202	Seedway 9558 Asb9	2.15	2.98	2.95	5.93	1	29
NY9223	Oneida VR Base	2.05	2.50	2.62	5.12	12	14
NY1203	Oneida VR Asb9	1.95	2.69	2.84	5.53	5	28
NY0243	PLH Base	1.80	2.48	2.49	4.97	15	9
NY1201	PLH Asb9	1.81	2.81	2.55	5.36	11	29
NY0324	MIII Base	2.13	2.72	2.94	5.66	4	12
NY1205	MIII Asb9	1.85	2.76	2.72	5.48	8	7
NY0326	ReSelect Saranac Base	1.74	2.47	2.59	5.06	13	12
NY1207	ReSelect Saranac Asb9	1.85	2.83	2.61	5.45	9	25
NY9117	NY9117 Base	2.23	2.58	2.83	5.41	10	19
NY1204	NY9117 Asb9	1.95	2.72	2.81	5.53	6	29
NY0316	Curculio Resistant	2.00	2.81	2.70	5.50	7	6
NY1206	Curculio Asb8	1.93	2.44	2.37	4.81	16	17
Average of Base Populations		2.00	2.57	2.68	5.25		
Average of Selected Populations (cycle 8 or 9)		1.93	2.75	2.69	5.44		
	Trial Mean	1.98	2.69	2.72	5.41		
	LSD (0.05)	0.25	0.37	0.27	0.56		
	CV (%)	12.9	11.9	8.5	9.1		

The number after “Asb” indicates the cycle of selection.