

Project Number SW11-072

Project Title: Selecting management practices and cover crops for reducing tillage, enhancing soil quality, and managing weeds in western WA organic vegetable farms

Materials and Methods Table and Figures

Table 1. Cover crop planting rates on Sept 21 2011 and Sept 20 2012 at Puyallup for 10 varieties in the 2011/2012 season and 16 varieties in the 2012/2013 season (Wayman 2013).

Cover crops 2011	Planting rate kg ha ⁻¹	Cover crops 2012	Planting rate kg ha ⁻¹
Alba Barley	94	Strider Barley	120
Aroostook Rye	138	Aroostook Rye	126
Common Rye	124	Lana Vetch	82
Common Vetch	127	Common Vetch	94
Hairy Vetch	103	Hairy Vetch	83
Lana Vetch	91	Purple Bounty Vetch	86
SB+LV	99	Cahaba Vetch	92
Purple Bounty Vetch	85	Langaduk Vetch	239
SB+PB	102	Common Rye	166
Strider Barley	121	Merced Rye	128
		CommonV/Merced	105
		Purple Bounty/Merced	99
		CommonV/Aroostook	92
		Purple Bounty/Aroostook	101
		CommonV/Strider	99
		Purple Bounty/Strider	98



Figure 1. No-till planting aid coulters and in-line shank (left) and strip left by the implement to assist in transplanting and seeding (right)