



**Northern NY Agricultural Development Program
2015-2016 Project Report
Advancing Vegetable Production in NNY**

Appendix A: Summer Cover Crops Tables and Figures

Table 1. Cover crop seeding rates, Advanced Vegetable Production in NNY project, Willsboro, NY, 2016.

Table 1		
Cover Crop	Components	Seeding Rate (lbs/acre)
Sun Hemp	Sun Hemp	30-40
Cowpea	Cowpea	50
SSX AS 5201	SSX AS 5201	40-60
Buckwheat	Buckwheat	60
Soybean 3884N	Soybean 3884N	20
Tillage Radish	Tillage Radish	12
Crimson Clover	Crimson Clover	10-20
Corvallis Teff	Corvallis Teff	6
3-way Clover Mix	Red Clover, Ladino White Clover, Yellow Blossom Sweet Clover	10-15
Summer Feast Mix	Wonderleaf Millet, Forage Brassica	20
Summer Pollinator Mix	Buckwheat, Cowpeas, Sunflower, Sun Hemp	70
Ray's Crazy Fall Mix	Winter Pea, Oats, Triticale 815, Hairy Vetch, Crimson Clover, Annual Ryegrass, Daikon Radish, Turnips	40-60
Soil Builder Plus	Triticale 815, Crimson Clover, Hairy Vetch, Annual Ryegrass, Daikon Radish	120-140

Table 2. Cover crop weed suppression scoring, Advanced Vegetable Production in NNY project, Willsboro, NY, 2016.

Table 2		
Cover Crop	Field Location	Weed Suppression Score 1-5 scale (5=excellent)
Sun Hemp	sand	2.5
Sun Hemp	clay	3
Cowpea	sand	4
Cowpea	clay	4
SSX AS 5201	sand	5
SSX AS 5201	clay	5
Buckwheat	sand	NA*
Buckwheat	clay	NA
Soybean 3884N	sand	NA
Soybean 3884N	clay	NA
Tillage Radish	sand	4
Tillage Radish	clay	2
Crimson Clover	sand	1
Crimson Clover	clay	NA
Corvallis Teff	sand	4
Corvallis Teff	clay	NA
3-way Clover Mix	sand	1.5
3-way Clover Mix	clay	NA
Summer Feast Mix	sand	5
Summer Feast Mix	clay	4.5
Summer Pollinator Mix	sand	5
Summer Pollinator Mix	clay	4
Ray's Crazy Fall Mix	sand	5
Ray's Crazy Fall Mix	clay	4
Soil Builder Plus	sand	4
Soil Builder Plus	clay	2
*NA = "not available" because the cover crop did not establish		

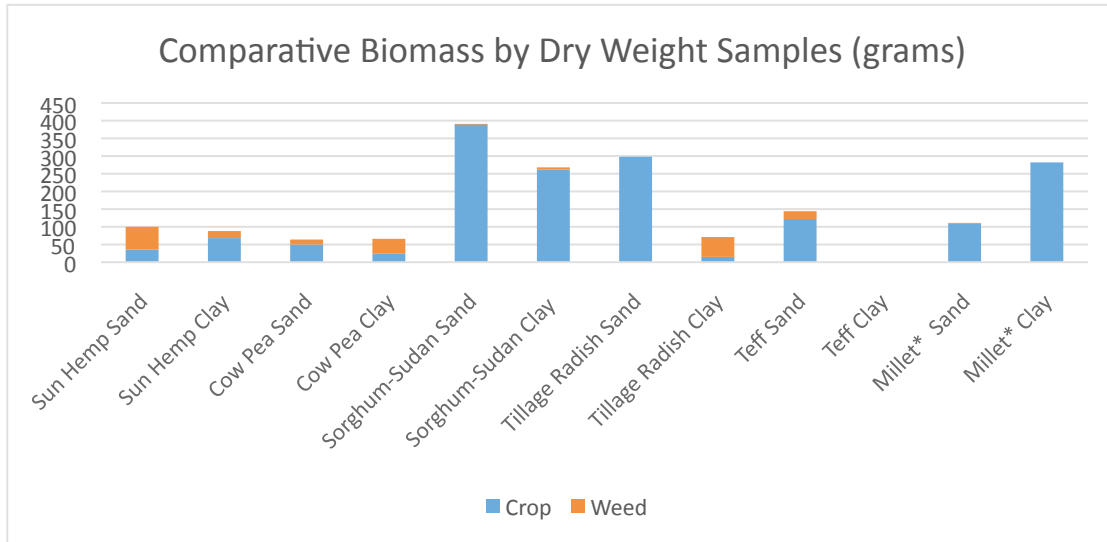


Figure 1. Comparative biomass by dry weight samples of cover crop and weed shoot samples, September 9, Advanced Vegetable Production in NNY project, Willsboro, NY, 2016.