

Results:

Green manure crops tested:

- 1 oriental mustard, *Brassica juncea*
- 2 white mustard, *Sinapis alba*
- 3 oilseed radish, *Raphanus sativus*
- 4 arrugula, *Eruca sativa*

Variety	Species	Dry Biomass, lb/ac	Grouping*	Submitted by
ISCI 20	1	9487	1	High Performance Seed
Cover	2	8303	2	High Performance Seed
Defender	3	7183	3	High Performance Seed
Luna	2	7103	4	High Performance Seed
Ames 19270	2	6902	5	WSU-USDA Germplasm Collection
Pacific Gold	1	6781	6	McKay Seed Inc./Genesee Union Warehouse
Caliente 119	1&2	6714	7	High Performance Seed
Absolvent	2	6631	8	High Performance Seed
2003-615	1	6608	9	High Performance Seed
ISCI 99	1	6570	10	High Performance Seed
Ida Gold	2	6541	11	McKay Seed Inc./Genesee Union Warehouse
Absolut	2	6185	12	High Performance Seed
2003-84	1	6139	13	High Performance Seed
PI 458934	1	5276	14	WSU-USDA Germplasm Collection
ISCI 61	1	5208	15	High Performance Seed
Nemat	4	4768	16	High Performance Seed
Martigena	2	4668	17	Spectrum Crop Development

* Statistical grouping. Yields of varieties in the same group are not statistically different (LSD, 0.10).

Variety	Fresh weight, tons/ac	Grouping*
Defender	43.6	1
ISCI 99	37.6	2
Pacific Gold	34.9	3
Cover	34.8	3
2003-84	33.9	3
ISCI 61	33.5	3
ISCI 20	33.2	3
Caliente 119	33.0	4
PI 458934	32.4	4
Absolut	32.2	5
Ames 19270	30.3	6
Luna	30.0	6
2003-615	29.2	7
Absolvent	27.3	8
Ida Gold	26.0	9
Martigena	25.6	9
Nemat	21.1	10

* Statistical grouping. Yields of varieties in the same group are not statistically different (LSD, 0.10).