

Mustard Green Manures
On-farm Research Results
Measurement: Glucosinolate Production
by Mustard Crops

Results:

Glucosinolate (ITC producing) Production Estimates for Mustard Crops

2003			
Variety	Dry Biomass, lb/ac	Total gsl, μMol/g	GSL production, mMol/m²
S. alba			
Absolvent	6631	32	24
Ames 19270	6902	29	23
Cover	8303	23	22
Luna	7103	26	21
Ida Gold	6541	24	18
Martigena	4668	33	17
Absolut	6185	25	17
B. juncea			
ISCI 99	6570	28	21
ISCI 20	9487	18	19
PI 458934	5276	30	18
2003-84	6139	21	14
ISCI 61	5208	21	12
2003-615	6608	16	12
Pacific Gold	6781	14	10

2002			
Variety	Dry Biomass, lb/ac	Total gsl, μMol/g	GSL production, mMol/m²
S. alba			
Martigena	8535	19	18
Absolut	7484	21	18
Ida Gold	6047	26	18
B. juncea			
ISCI61	9467	20	21
ISCI20	7134	22	18
Pacific Gold	6896	20	15