

SUMMER AND WINTER COVER CROP FACT SHEET FOR USDA EQIP FUNDING: SUBMITTED JUNE 2002

Michelle Infante-Casella, Agricultural Agent, Rutgers Cooperative Extension of Gloucester County



Summer Cover Crops													
Type	Drilled Rate lb/ac	Broad-cast Rate lb/ac	Drilled Rate bu/ac	Broad-cast Rate Bu/ac	Soil pH	Rec. Seed Depth	Ave. Fert. Cost per Ac. ¹	Rutgers Rec. Planting Dates ²	Ave. Cost Per lb. Seed	Ave. Cost Per acre Drilled Seed	Ave. Cost Per acre Broadcast Seed	Total Cost Per Acre Seed & Fertilizer Drilled	Total Cost Per Acre Seed & Fertilizer Broadcast
Buckwheat	48-70	60-96	1-1.4	1.2-1.5	5.0-7.0	½-1.5"	\$40	May 15-Aug 1	\$.28 - \$.70	\$29	\$38	\$69	\$78
Crimson Clover	15-20	22-30	-	-	5.5-7.0	¼ - ½"	\$16	June 1-Sept 15	\$1.50	\$26	\$39	\$42	\$55
Millet	25-30	30-50	-	-	6.0-7.0	¼ - ½"	\$40	May 10-July 1	\$.50- \$.80	\$21	\$30	\$61	\$70
Spring Oats	80-110	110-140	2.5-3.5	3.5-4.5	4.5-6.5	½-2"	\$40	Before Apr. 1	\$.10- \$.20	\$14.25	\$18.25	\$54.25	\$58.25
Sudangrass	25-35	35-50	1	1-1.25	6.0-7.0	½-1.5"	\$40	May 15-July 5	\$.21- \$.66	\$15.05	\$19.35	\$55.05	\$59.35
Winter Cover Crops													
Type	Drilled Rate lb/ac	Broad-cast Rate lb/ac	Drilled Rate bu/ac	Broad-cast Rate Bu/ac	Soil pH	Rec. Seed Depth	Ave. Fert. Cost per Ac.	Rutgers Rec. Planting Dates	Ave. Cost Per lb. Seed	Ave. Cost Per acre Drilled Seed	Ave. Cost Per acre Broadcast Seed	Total Cost Per Acre Seed & Fertilizer Drilled	Total Cost Per Acre Seed & Fertilizer Broadcast
Barley	50-100	80-125	1-2	1.6-2.5	6.0-8.5	¾-2"	\$40	Sept 20-Sept 30	\$.10 - \$.20	\$9.38	\$12.81	\$49.38	\$52.81
Wheat	60-120	60-150	1-2	1-2.5	6.0-7.5	½-1.5"	\$40	Oct 1-Oct 20	\$.05 - \$.25	\$13.50	\$15.75	\$53.50	\$55.75
Winter Rye	60-120	90-160	1-2	1.5-3	5.0-7.0	¾-2"	\$40	Sept 1-Oct 1	\$.05- \$.20	\$6.75	\$9.38	\$46.75	\$49.38
Vetch	20-30	30-60	-	-	6.0-8.0	½-1"	\$16	Sept 1-Oct 1	\$1.05	\$25	\$47.25	\$41	\$63.25

¹ Fertilizer cost information based on \$160/ton bulk rate for 10-10-10 from Milford Fertilizer Co. Actual fertility costs will depend on soil test recommendations. Additionally, liming costs may need to be added and will also depend on soil test results.

² Recommended planting dates from the "Rutgers Field Crop Production Recommendations" may need to be adjusted to fit EQIP objectives.

Resources Used:

- Field Crop Production Recommendations, Rutgers The State University of NJ. Publication No. E003 H. 1994.
- Managing Cover Crops Profitably, Second Ed. A publication of the Sustainable Agriculture Network. Handbook Series Book 3. 1998.

RUTGERS COOPERATIVE EXTENSION
 N.J. AGRICULTURAL EXPERIMENT STATION
 UNIVERSITY OF NEW JERSEY
 NEW BRUNSWICK

Information provided is for informational purposes only. It is not intended to constitute an offer of insurance, investment, or any other financial product. Please consult your financial advisor for more information. Rutgers Cooperative Extension is an equal opportunity organization. We are committed to providing services to all people, regardless of race, ethnicity, gender, age, or disability. For more information, contact your local Rutgers Cooperative Extension office.