

APPROXIMATE NUMBER OF SEEDS PER UNIT WEIGHT AND AREA

Kind of Seed	Seeds Per Gram	Seeds Per Ounce ^{1/}	Seeds Per Pound	Seeds Sq. Ft. @ 1 Lb. Per Acre	For 6" Drill Spacing ^{2/}	
					Lbs./ Acre	Seeds/ Linear Foot
Alfalfa	500	14,175	226,800	5.2	10	26.0
Barley	30	850	13,600	.3	96	14.5
Bentgrass, Velvet	18,180	515,450	8,247,200	189.3	0.5	47.5
Bentgrass, Creeping	13,510	383,115	6,129,800	140.7	0.5	35.0
Bentgrass, Colonial 'Astoria'	12,985	368,175	5,890,800	135.2	0.5	34.0
Bentgrass, Colonial 'Highland'	12,660	358,850	5,741,600	131.8	0.5	33.0
Bermudagrass	3,495	99,140	1,586,200	36.4	1	18.0
Bluegrass, Canada	5,050	143,165	2,290,600	52.6	1	26.0
Bluegrass, Kentucky	3,065	86,890	1,390,200	31.9	1	16.0
Bluegrass, Rough	4,610	130,645	2,090,300	48.0	1	24.0
Brome, Smooth	300	8,475	135,600	3.1	10	15.5
Buckwheat	45	1,275	20,400	.5	50	12.5
Clover, Alsike	1,500	42,525	680,400	15.6	4	31.0
Clover, Crimson	330	9,350	149,600	3.4	10	17.0
Clover, Red	600	17,010	272,200	6.2	15	46.5
Clover, Strawberry	635	18,000	288,000	6.6	5	16.5
Clover, Sub	120	3,375	54,000	1.2	10	6.0
Clover, White or Ladino	1,710	48,500	776,000	17.8	2	18.0
Corn	3	85	1,400	.03	10	.15
Fescue, Chewings and Red	900	25,515	408,200	9.4	5	23.5
Fescue, Hard	1,305	36,995	591,900	13.6	4	27.0
Fescue, Meadow	495	14,090	225,400	5.2	10	30.0
Fescue, Tall	455	12,900	206,400	4.7	10	23.5
Flax	180	5,045	80,700	1.9	50	47.0
Foxtail, Meadow	895	25,430	406,900	9.3	5	23.5
Oatgrass, Tall	420	11,820	189,100	4.3	10	21.5
Oats	35	1,000	16,000	.4	90	18.0
Orchardgrass	945	26,790	428,600	9.8	10	49.0
Peas, Field	4	115	1,800	.04	150	3.0
Rape, Winter	230	6,520	104,300	2.4	20	24.0
Redtop	10,695	303,200	4,851,200	111.4	0.5	27.9
Reed Canarygrass	1,185	33,620	537,900	12.3	2	12.5
Rye	40	1,135	18,200	.4	90	18.0
Ryegrass, Annual	420	11,890	190,200	4.4	10	22.0
Ryegrass, Perennial	530	15,025	240,400	5.5	10	27.5
Sainfoin	50	1,420	22,700	.5	20	5.0
Sudan	100	2,835	45,400	1.0	20	10.0
Sweetclover	570	16,160	258,600	5.9	10	29.5
Timothy	2,565	72,710	1,163,400	26.7	10	133.5
Trefoil, Birdsfoot	815	23,115	369,800	8.5	3	12.5
Trefoil, Big	1,945	55,210	883,400	20.3	1	10.0
Vetch, Common	20	540	8,600	.2	30	3.0
Vetch, Crown	305	8,635	138,200	3.2	2	3.0
Vetch, Hairy	35	1,020	16,300	.4	15	3.0
Wheat	25	710	11,400	.3	90	13.5
Wheatgrass, Crested	455	12,925	206,800	4.7	5	12.0
Wheatgrass, Slender	295	8,335	133,400	3.1	10	15.5

^{1/} Association of Official Seed Analysts, Rules for Testing Seeds, 1970.

^{2/} Not necessarily a recommended planting rate.

APPROXIMATE NUMBER OF SEEDS PER UNIT WEIGHT AND AREA (METRIC)

	BROADCAST SEEDING			DRILL PLANTING		
	Number Seeds ^{1/} Per Gram	Seeds Per:		15.25 cm(6") Drill Spacing		
		Sq. Ft. @ 1 Lb. Per Acre	100 Sq. Cm. @ 1 Kg. Per ha.	At:		Seeds Per 10 cm of row
			Lbs/Acre ^{2/}	Kg/ha ^{2/}		
Alfalfa	500	5.2	5.0	10	11.2	8.5
Barley	30	.3	.3	96	107.6	4.9
Bentgrass, Velvet	18,180	189.3	181.8	0.5	0.6	16.6
Bentgrass, Creeping	13,510	140.7	135.1	0.5	0.6	12.4
Bentgrass, Colonial 'Astoria'	12,985	135.2	129.9	0.5	0.6	11.9
Bentgrass, Colonial 'Highland'	12,660	131.8	126.6	0.5	0.6	11.6
Bermudagrass	3,495	36.4	34.9	1	1.1	5.9
Bluegrass, Canada	5,050	52.6	50.5	1	1.1	8.5
Bluegrass, Kentucky	3,065	31.9	30.7	1	1.1	5.1
Bluegrass, Rough	4,610	48.0	46.1	1	1.1	7.7
Brome, Smooth	300	3.1	3.0	10	11.2	5.1
Buckwheat	45	.5	0.5	50	56.1	3.8
Clover, Alsike	1,500	15.6	15.0	4	4.5	10.3
Clover, Crimson	330	3.4	3.3	10	11.2	5.6
Clover, Red	600	6.2	6.0	15	16.8	15.4
Clover, Strawberry	635	6.6	6.4	5	5.6	5.4
Clover, Sub	120	1.2	1.2	10	11.2	2.0
Clover, White or Ladino	1,710	17.8	17.1	2	2.2	5.7
Corn	3	.03	.03	10	11.2	0.05
Fescue, Chewings and Red	900	9.4	9.0	5	5.6	7.7
Fescue, Hard	1,305	13.6	13.1	4	4.5	8.9
Fescue, Meadow	495	5.2	5.0	10	11.2	8.4
Fescue, Tall	455	4.7	4.6	10	11.2	7.8
Flax	180	1.9	1.8	50	56.1	15.4
Foxtail, Meadow	895	9.3	9.0	5	5.6	7.6
Oatgrass, Tall	420	4.3	4.2	10	11.2	7.2
Oats	35	.4	.4	90	100.9	5.4
Orchardgrass	945	9.8	9.5	10	11.2	16.1
Peas, Field	4	.04	.04	150	168.2	1.0
Rape, Winter	230	2.4	2.3	20	22.4	7.9
Redtop	10,695	111.4	107.0	0.5	0.6	9.8
Reed Canarygrass	1,185	12.3	11.9	2	2.2	4.0
Rye	40	0.4	0.4	90	100.9	6.2
Ryegrass, Annual	420	4.4	4.2	10	11.2	7.2
Ryegrass, Perennial	530	5.5	5.3	10	11.2	9.0
Sainfoin	50	0.5	0.5	20	22.4	1.7
Sudan	100	1.0	1.0	20	22.4	3.4
Sweetclover	570	5.9	5.7	10	11.2	9.7
Timothy	2,565	26.7	25.7	10	11.2	43.8
Trefoil, Birdsfoot	815	8.5	8.2	3	3.4	4.2
Trefoil, Big	1,945	20.3	19.5	1	1.1	3.3
Vetch, Common	20	0.2	0.2	30	33.6	1.0
Vetch, Crown	305	3.2	3.1	2	2.2	1.0
Vetch, Hairy	35	0.4	0.4	15	16.8	0.9
Wheat	25	0.3	0.3	90	100.9	3.8
Wheatgrass, Crested	455	4.7	4.6	5	5.6	3.9
Wheatgrass, Slender	295	3.1	3.0	10	11.2	5.0

^{1/} Association of Official Seed Analysts, Rules for Testing Seeds, 1970.

^{2/} Not necessarily a recommended planting rate.