

Seed weights & sowing rates

Seed information

Sow

Sowing rates for individual situations vary. The following are general guidelines.

General seed weights and sowing rates (kg/ha) for bare seed

Species	Seeds/g	As main species in a mix	As component of a mix
Grasses			
Ryegrasses (all types) diploid[1]	500-600	18-22	10-12
Ryegrass (all types) tetraploid[1]	250-400	30	13-18
Tall Fescue	400	22-25	n/r
Cocksfoot	1000-1200	5-8	3-6
Pasture brome clipped[1] (*Bareno*)	100-110	25-30	n/r
Prairie grass clipped[1] (*Atom)*	100-110	25-30	n/r
Grazing brome clipped[1] (*Gala*)	100-110	25-30	n/r
Timothy	3000	6-8	1-2
Phalaris	500-550	n/r	2
Legumes			
White clover	1500-1800	n/r	3-4
Red clover diploid	500-550	10	3-4
Red clover tetraploid	300-350	12	4-5
Lucerne	400-500	10-12	n/r
Subterranean clover	100-160	10-15*	5-8*
Persian clover	750-900	8-12*	5-7*
Balansa clover	870-1100	5-10*	2-5*
Arrow leaf clover	650-750	5-10*	2-5*
Herbs			
Chicory	600	8-10	1-2
Plantain	500	10	2-4
Brassicas			
Kale	150-250	4-5	n/r
Swedes	275-400	0.75-1.5	n/r
Turnip	350-550	1-3	0.5-1
Rape	250-400	4	0.5-3
Leafy turnip	300-450	4	0.5-3
Forage crops			
Fodder beet (grazing)*	36	80,000-100,00 seeds/ha	n/r
Oats	26	100-120 kg/ha	80 kg/ha

n/r = not normally recommended
**Seed weights vary a little between cultivars, & even between seed lines of the same cultivar*
1. Bromes and short term ryegrass produce awned seed. Awns can be shortened or removed during seed cleaning, enabling the seed to flow more freely through the drill.

Seed treatment

Seed treatment can affect seed weight and sowing rate. There are two main types of seed treatment - a film coating (e.g. *Agricote Grass*) which has little effect on seed weight or sowing rate; and a lime based seed coating (e.g. *Agricote Clover*) that has a significant weight build up, increasing seed weight and sowing rates (see Seed treatment comparison for more).



White clover seed coming off the seed dresser.

Better pasture together™

BARENBRUG