

Potentials of Small-Seeded Fava Bean for Cover Crop



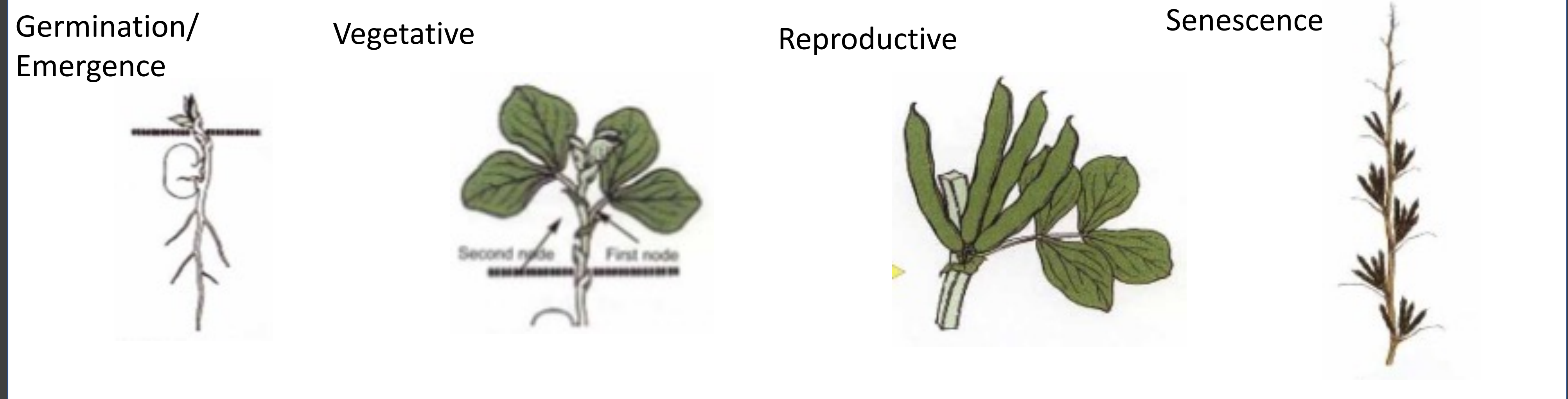
1a)

- Goal of experiment is to assess small bean variety Fava bean (*Vicia faba*) agronomic viability as cover crop.
- Small seed size is more economic due to higher seed quantity per pound
- Benefits of Fava bean as cover crop include biological N fixation, increased S.O.M. and secondary use as cash crop
- Dates of developmental stages will be recorded
- Measurements will be taken on total above & below ground biomass
- Seed yield by weight and number of seeds per pound on a varietal basis will be measured
- Trial shown located in Monterey County CA



2a)

- 1a) Yield trial at planting 12/10
- 2a) Yield trial at emergence stage ~12/28
- 3a) Single fava plant emergence stage 01/16
- 1b) Developmental stages
- 2b) Yield trial map



3a)

1b) Source: PGRO, UK.

	101	102	103	104	105	106	107	108
Block 1	PF342	EN15	Bell	Bocli	EN39	SSN	Snow	EN3
	208	207	206	205	204	203	202	201
Block 2	Bell	Bocli	Snow	PF342	SSN	EN15	EN39	EN3
	301	302	303	304	305	306	307	308
Block 3	SSN	Bocli	Snow	EN15	Bell	EN39	PF342	EN3

2b)