

# Chart 3A CULTURAL TRAITS

NON LEGUMES

BRASSICAS

LEGUMES

Species	Aliases	Type <sup>1</sup>	Hardy through Zone <sup>2</sup>	Tolerances					Habit <sup>3</sup>	pH (Pref.)	Best Established <sup>4</sup>	Min. Germin. Temp.
				heat	through	shade	flood	low fert				
Annual ryegrass <i>p. 74</i>	Italian ryegrass	WA	6	☐	☐	☐	☐	☐	U	6.0-7.0	ESp, LSu, EF, F	40F
Barley <i>p. 77</i>		WA	7	☐	☐	☐	☐	☐	U	6.0-8.5	F, W, Sp	38F
Oats <i>p. 93</i>	spring oats	CSA	8	☐	☐	☐	☐	☐	U	4.5-7.5	LSu, ESp, W in 8+	38F
Rye <i>p. 98</i>	winter, cereal, or grain rye	CSA	3	☐	☐	☐	☐	●	U	5.0-7.0	LSu, F	34F
Wheat <i>p. 111</i>		WA	4	☐	☐	☐	○	☐	U	6.0-7.5	LSu, F	38F
Buckwheat <i>p. 90</i>		SA	NFT	☐	○	☐	☐	☐	U/SU, SU	5.0-7.0	Sp to LSu	50F
Sorghum-sudan. <i>p. 106</i>	Sudax	SA	NFT	●	●	☐	☐	☐	U	6.0-7.0	LSp, ES	65F
Mustards <i>p.81</i>	brown, oriental white, yellow	WA, CSA	7	☐	☐	☐	☐	☐	U	5.5-7.5	Sp, LSu	40F
Radish <i>p. 81</i>	oilseed, Daikon, forage radish	CSA	6	☐	☐	☐	☐	☐	U	6.0-7.5	Sp, LSu, EF	45F
Rapeseed <i>p. 81</i>	rape, canola	WA	7	☐	☐	☐	☐	☐	U	5.5-8	F, Sp	41F
Berseem clover <i>p. 118</i>	BiGBEE, multicut	SA, WA	7	☐	☐	☐	☐	☐	U/SU, SU	6.2-7.0	ESp, EF	42F
Cowpeas <i>p. 125</i>	crowder peas, southern peas	SA	NFT	●	☐	☐	☐	●	SU/C	5.5-6.5	ESu	58F
Crimson clover <i>p. 130</i>		WA, SA	7	☐	☐	☐	☐	☐	U/SU	5.5-7.0	LSu/ESu	
Field peas <i>p. 135</i>	winter peas, black peas	WA	7	☐	☐	☐	☐	☐	C	6.0-7.0	F, ESp	41F
Hairy vetch <i>p. 142</i>	winter vetch	WA, CSA	4	☐	☐	☐	☐	☐	C	5.5-7.5	EF, ESp	60F
Medics <i>p. 152</i>		SP, SA	4/7	●	☐	☐	☐	☐	P/Su	6.0-7.0	EF, ESp, ES	45F
Red clover <i>p. 159</i>		SP, B	4	☐	☐	☐	☐	☐	U	6.2-7.0	LSu; ESp	41F
Subterranean cl. <i>p. 164</i>	subclover	CSA	7	☐	☐	☐	☐	●	P/SP	5.5-7.0	LSu, EF	38F
Sweetclovers <i>p. 171</i>		B, SA	4	☐	●	☐	☐	●	U	6.5-7.5	Sp/S	42F
White clover <i>p. 179</i>	white dutch ladino	LP, WA	4	☐	☐	☐	☐	☐	P/SU	6.0-7.0	LW, E to LSp, EF	40F
Woollypod vetch <i>p. 185</i>	Lana	CSA	7	☐	☐	☐	☐	☐	SP/C	6.0-8.0	F	

<sup>1</sup>B=Biennial; CSA=Cool season annual; LP=Long-lived perennial; SA=Summer annual; SP=Short-lived perennial; WA=Winter annual  
<sup>2</sup>See USDA Hardiness Zone Map, inside front cover. NFT=Not frost tolerant. <sup>3</sup>C=Climbing; U=Upright; P=Prostrate; SP=Semi-prostrate; SU=Semi-upright. <sup>4</sup>E=Early; M=Mid; L=Late; F=Fall; Sp=Spring; Su=Summer; W=Winter  
 ○=Poor; ☐=Fair; ●=Good; ●=Very Good; ●=Excellent